

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044856.D
 Acq On : 07 Feb 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 22:09:51 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	21982	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	127777	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	110326	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	62760	29.574	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.567%	
60) 4-Bromofluorobenzene	11.079	95	60460	28.214	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	94.033%	
63) Toluene-d8	8.641	98	184306	30.715	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.367%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	38681	19.791	ug/l	97
3) Chloromethane	1.301	50	42278	20.564	ug/l	97
4) Vinyl Chloride	1.374	62	41628	20.694	ug/l	96
5) Bromomethane	1.593	94	12595	25.907	ug/l	97
6) Chloroethane	1.666	64	20717	64.954	ug/l	99
7) Trichlorofluoromethane	1.874	101	55890	25.371	ug/l	100
8) Diethyl Ether	2.130	74	20088	23.637	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	34708	21.992	ug/l	98
10) 1,1-Dichloroethene	2.313	96	33764	20.795	ug/l	92
11) Methyl Iodide	2.447	142	43273	19.232	ug/l	99
12) Methyl Acetate	2.697	43	58515	24.685	ug/l	96
13) Acrolein	2.233	56	29319	111.844	ug/l	99
14) Acrylonitrile	3.063	53	100150	115.945	ug/l	98
15) Acetone	2.380	58	26153	112.837	ug/l	94
16) Carbon Disulfide	2.502	76	88049	19.513	ug/l	99
17) Allyl chloride	2.654	41	61903	21.141	ug/l	96
18) Methylene Chloride	2.782	84	37753	20.777	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	33403	20.689	ug/l	97
20) Diisopropyl ether	3.751	45	121085	22.783	ug/l	91
21) 1,1-Dichloroethane	3.599	63	66264	21.018	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	41572	20.804	ug/l	98
23) tert-Butyl Alcohol	2.971	59	37368	89.445	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	110896	19.712	ug/l	100
25) Chloroform	5.080	83	64304	20.527	ug/l	96
26) Cyclohexane	5.458	56	59159	22.326	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	45030	20.261	ug/l	98
30) 2-Butanone	4.550	43	131275	107.525	ug/l	99
31) 2,2-Dichloropropane	4.465	77	54146	17.605	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	54507	18.506	ug/l	96
33) Carbon Tetrachloride	5.666	117	44931	18.084	ug/l	96
34) Benzene	6.032	78	144891	20.434	ug/l	98
35) Methacrylonitrile	4.916	41	28022	20.536	ug/l	97
36) 1,2-Dichloroethane	6.074	62	47132	18.591	ug/l	99
37) Trichloroethene	7.117	130	32691	19.095	ug/l	99
38) Methylcyclohexane	7.373	83	61391	20.330	ug/l	99
39) 1,2-Dichloropropane	7.422	63	36029	20.376	ug/l	99
40) Dibromomethane	7.574	93	25309	19.253	ug/l	99
41) Bromodichloromethane	7.818	83	50263	18.517	ug/l	100
42) Vinyl Acetate	3.715	43	472565	97.465	ug/l	98

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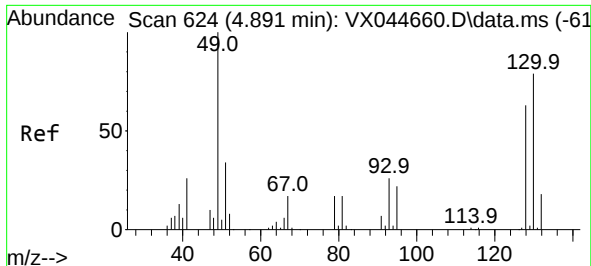
Manual Integrations
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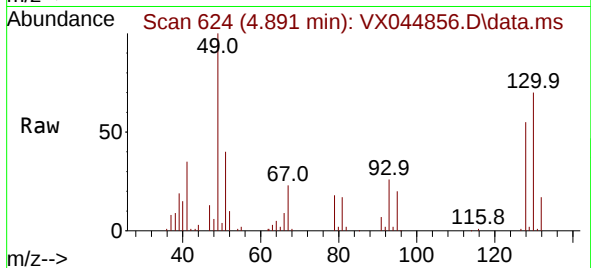
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	49972	20.866	ug/l	# 94
44) Isopropyl Acetate	6.336	43	83898	19.500	ug/l	97
45) 1,4-Dioxane	7.659	88	16798	410.012	ug/l	96
46) Methyl methacrylate	7.690	41	39054	18.544	ug/l	97
47) n-amyl Acetate	10.842	43	66186	18.330	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	48829	17.043	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	55813	18.168	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	33901	20.024	ug/l	98
51) Ethyl methacrylate	9.110	69	52415	17.821	ug/l	92
52) 1,3-Dichloropropane	9.305	76	58140	19.855	ug/l	99
53) Dibromochloromethane	9.519	129	36378	17.982	ug/l	98
54) 1,2-Dibromoethane	9.604	107	33803	18.887	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	131426	92.096	ug/l	98
56) Bromoform	10.799	173	22911	17.079	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	260866	112.176	ug/l	97
59) 2-Hexanone	9.427	43	186586	109.594	ug/l	98
61) Tetrachloroethene	9.269	164	27625	20.874	ug/l	96
62) Toluene	8.714	91	148843	20.489	ug/l	98
64) Chlorobenzene	10.073	112	93379	20.697	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	29766	18.366	ug/l	99
66) Ethyl Benzene	10.189	91	161727	20.400	ug/l	98
67) m/p-Xylenes	10.299	106	123472	42.369	ug/l	96
68) o-Xylene	10.640	106	60359	20.637	ug/l	98
69) Styrene	10.653	104	98668	20.547	ug/l	98
70) Isopropylbenzene	10.957	105	155103	21.094	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	50682	20.504	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	41926m	20.161	ug/l	
73) Bromobenzene	11.195	156	34212	19.973	ug/l	97
74) n-propylbenzene	11.299	91	179572	21.501	ug/l	99
75) 2-Chlorotoluene	11.360	91	106713	20.324	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	125572	21.029	ug/l	99
77) t-1,4-Dichloro-2-butene	11.012	75	15500	15.755	ug/l	92
78) 4-Chlorotoluene	11.451	91	117523	20.313	ug/l	98
79) tert-butylbenzene	11.713	119	126472	20.617	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	124696	20.698	ug/l	100
81) sec-Butylbenzene	11.890	105	157354	21.482	ug/l	100
82) p-Isopropyltoluene	12.006	119	126371	20.962	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	61987	20.374	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	61448	20.602	ug/l	97
85) n-Butylbenzene	12.329	91	111034	21.247	ug/l	99
86) Hexachloroethane	12.536	117	23450	17.682	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	61141	20.124	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9565	16.066	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	35685	18.900	ug/l	98
90) Hexachlorobutadiene	13.725	225	15274	20.914	ug/l	98
91) Naphthalene	13.774	128	132248	18.722	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	36318	18.912	ug/l	99

(#) = 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: VX044856.D
Acq: 07 Feb 2025 10:01

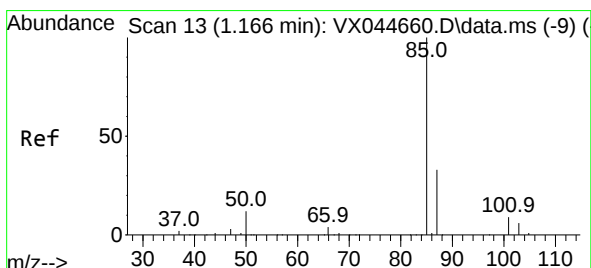
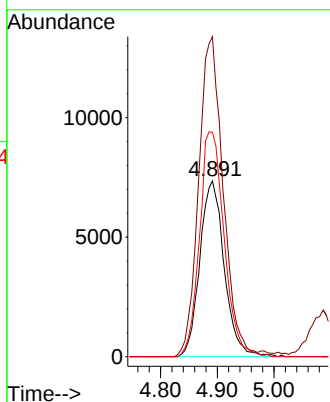
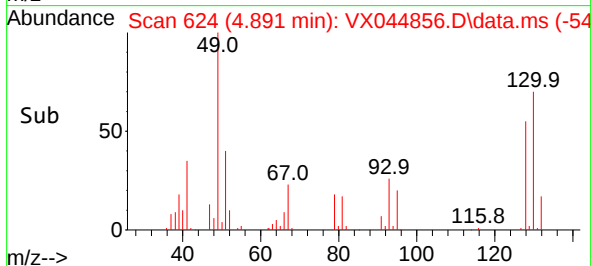
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 2198
Ion Ratio Lower Upper
128 100
49 182.4 0.0 411.5
130 129.0 0.0 324.3

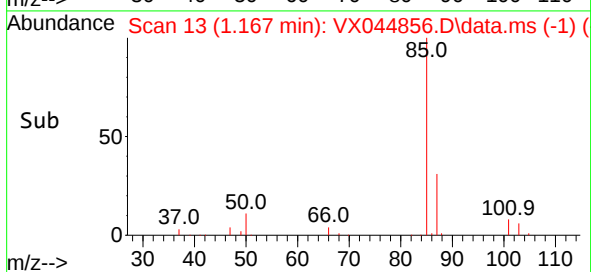
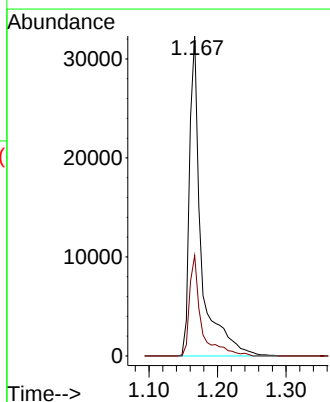
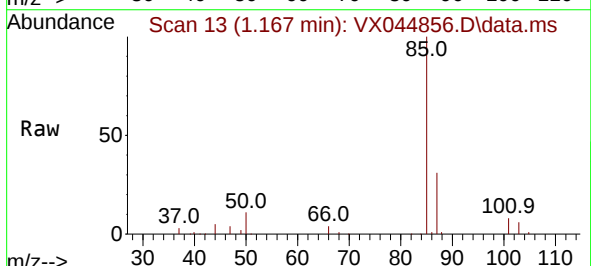
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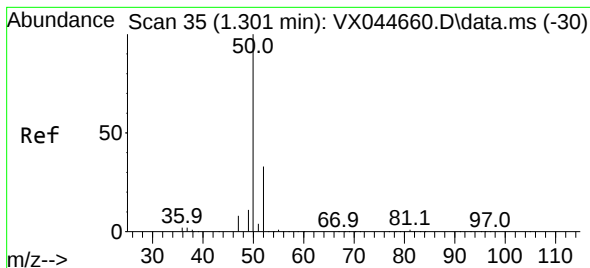
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#2
Dichlorodifluoromethane
Concen: 19.791 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

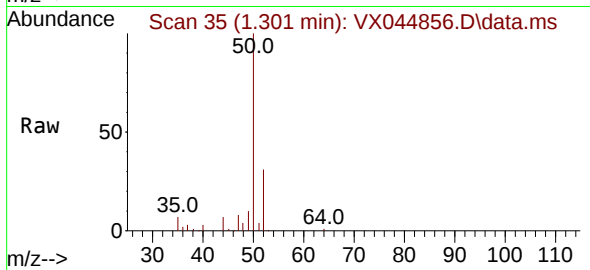
Tgt Ion: 85 Resp: 38681
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8





#3
Chloromethane
Concen: 20.564 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

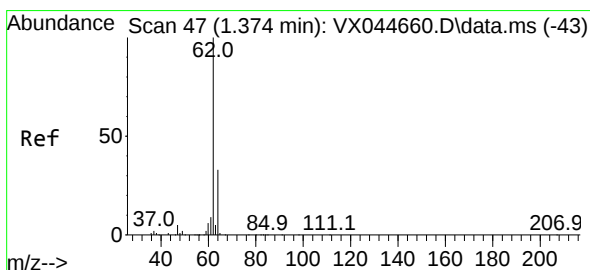
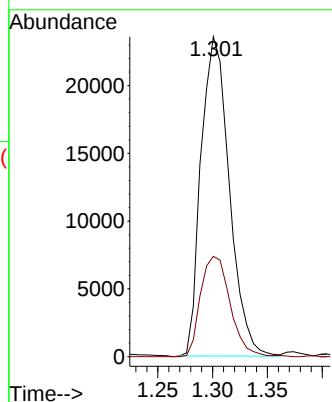
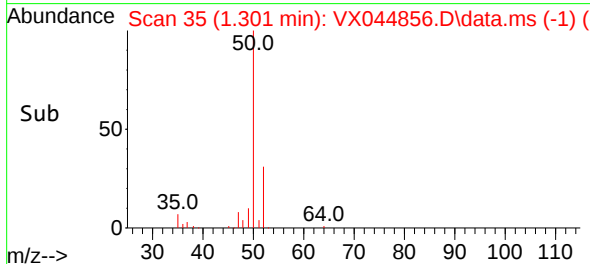
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



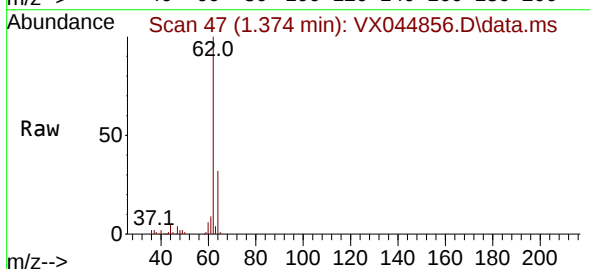
Tgt Ion: 50 Resp: 42278
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

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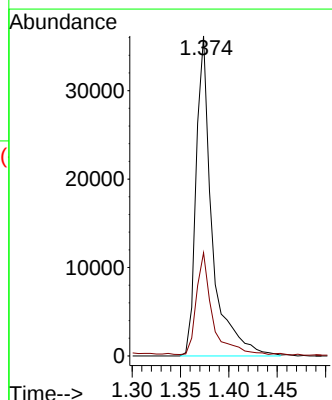
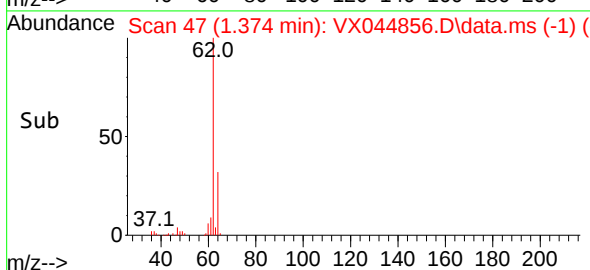
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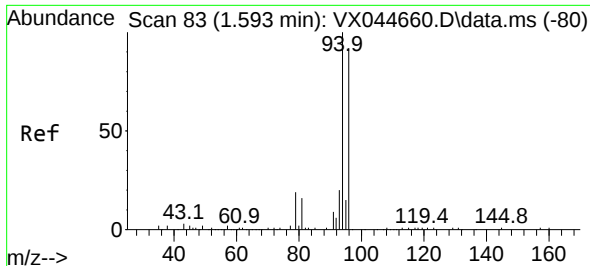


#4
Vinyl Chloride
Concen: 20.694 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



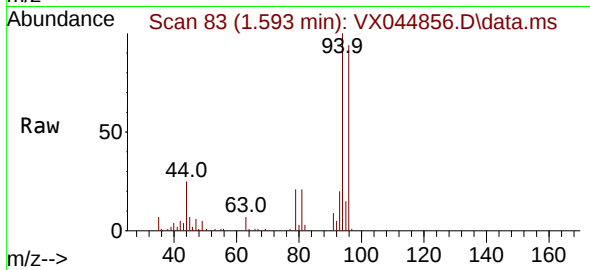
Tgt Ion: 62 Resp: 41628
Ion Ratio Lower Upper
62 100
64 31.8 27.3 40.9





#5
Bromomethane
Concen: 25.907 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

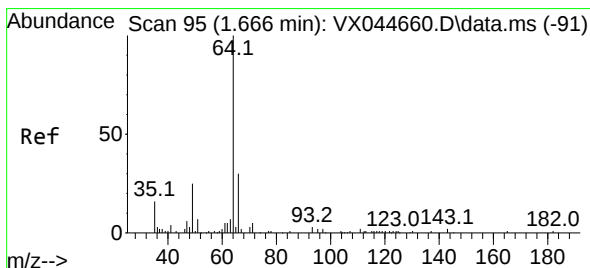
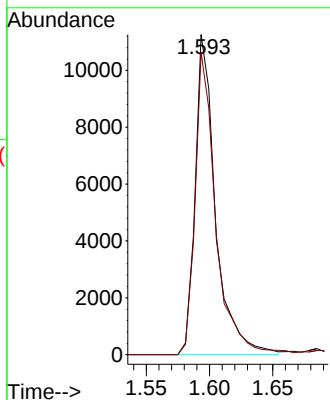
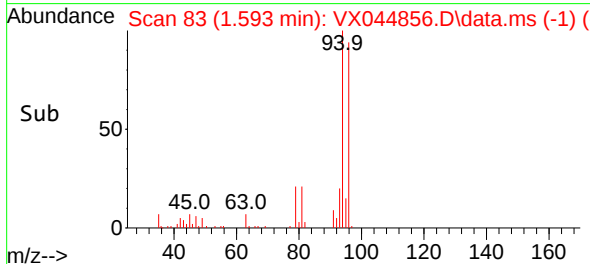
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 1259
Ion Ratio Lower Upper
94 100
96 94.5 73.3 109.9

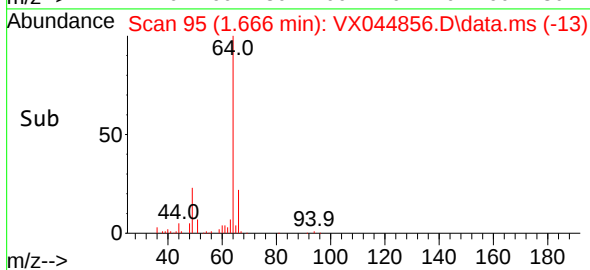
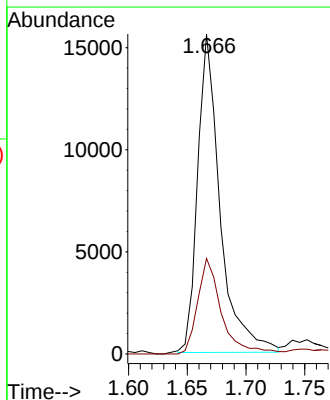
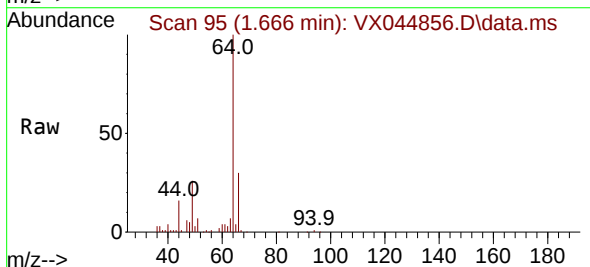
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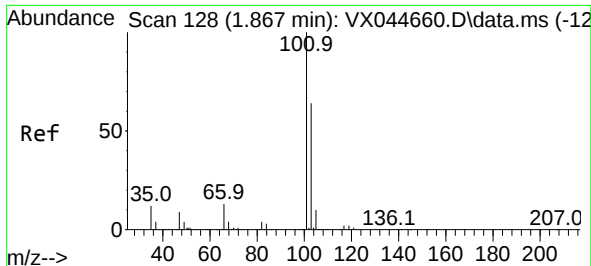
Reviewed By :John Carlone 02/10/2025
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#6
Chloroethane
Concen: 64.954 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

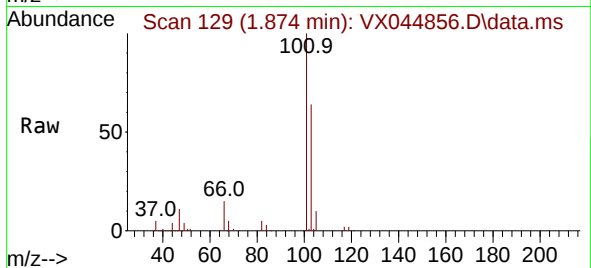
Tgt Ion: 64 Resp: 20717
Ion Ratio Lower Upper
64 100
66 30.1 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 25.371 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

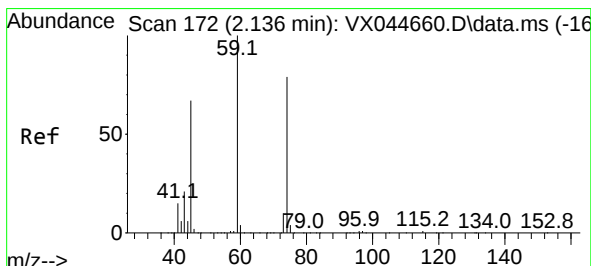
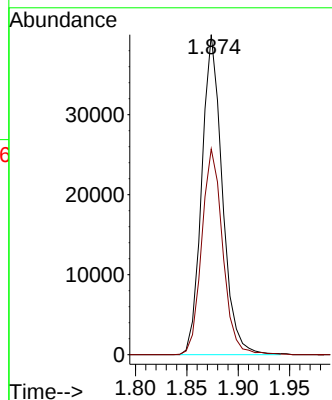
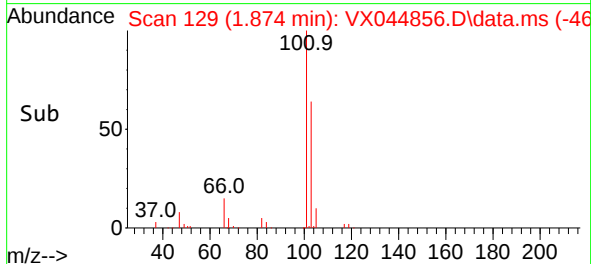
Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 55890
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.1 76.7

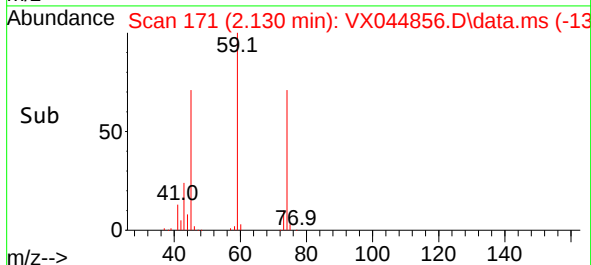
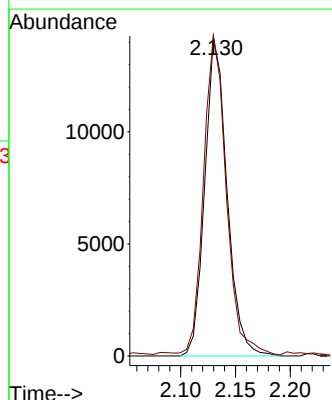
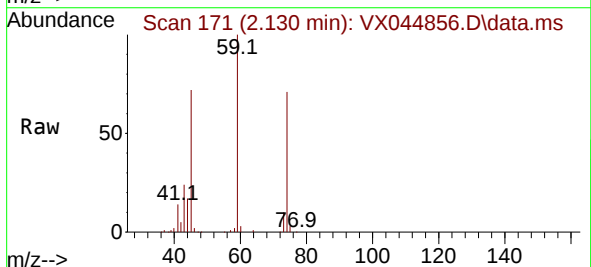
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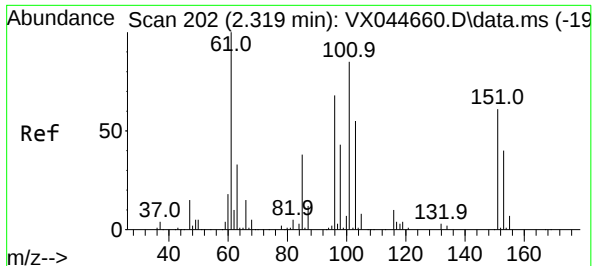
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#8
 Diethyl Ether
 Concen: 23.637 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

Tgt Ion: 74 Resp: 20088
 Ion Ratio Lower Upper
 74 100
 45 102.5 18.8 168.8





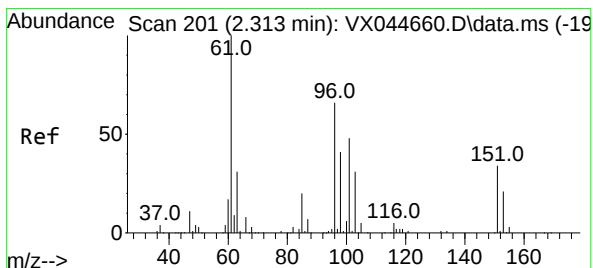
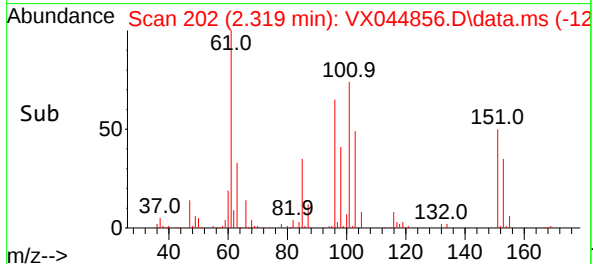
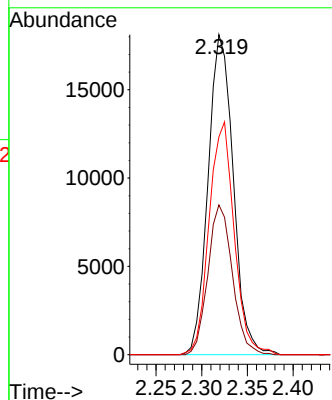
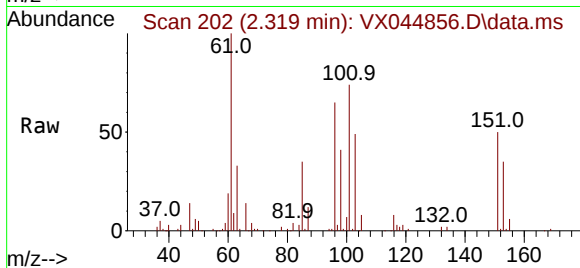
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.992 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 34708
Ion Ratio Lower Upper
101 100
85 45.5 0.0 88.0
151 72.5 0.0 147.0

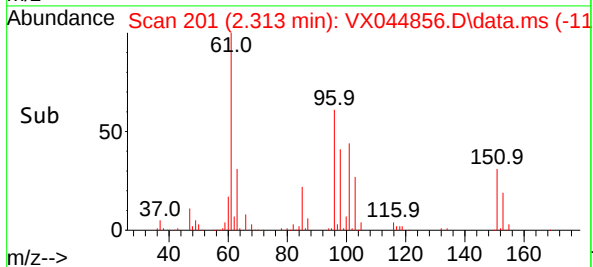
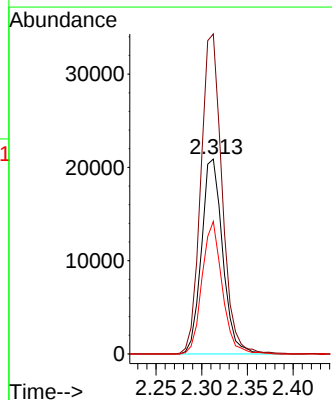
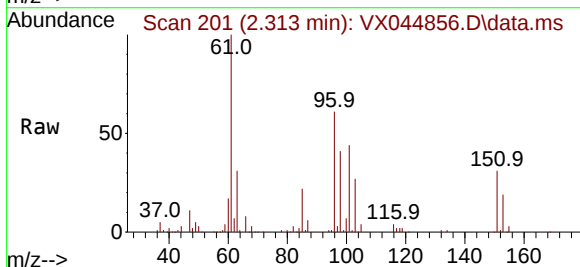
Manual Integrations
APPROVED

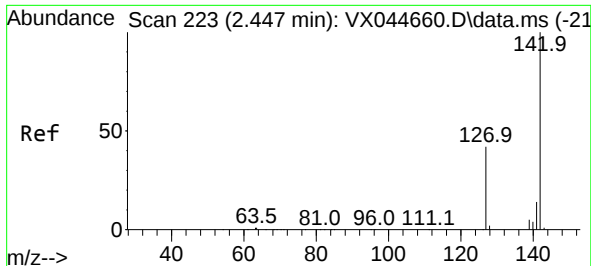
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#10
1,1-Dichloroethene
Concen: 20.795 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 96 Resp: 33764
Ion Ratio Lower Upper
96 100
61 163.8 121.6 182.4
98 68.0 50.3 75.5





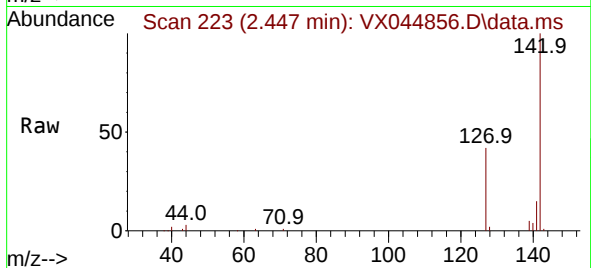
#11
Methyl Iodide
Concen: 19.232 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



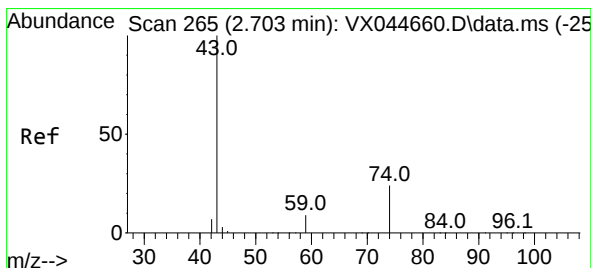
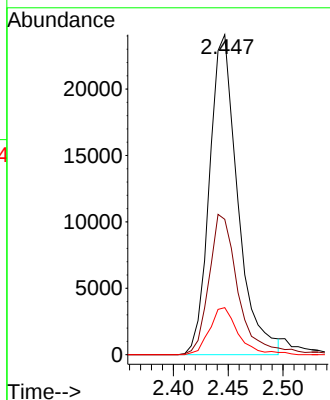
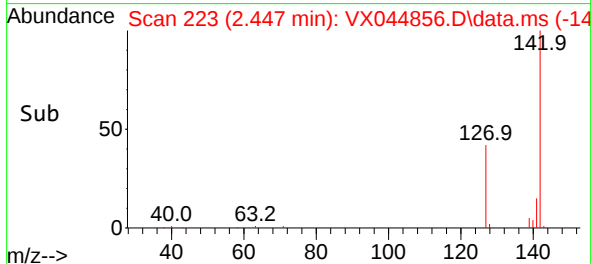
Tgt Ion:142 Resp: 4327
Ion Ratio Lower Upper
142 100
127 42.3 20.8 62.4
141 14.7 7.0 20.9

Manual Integrations

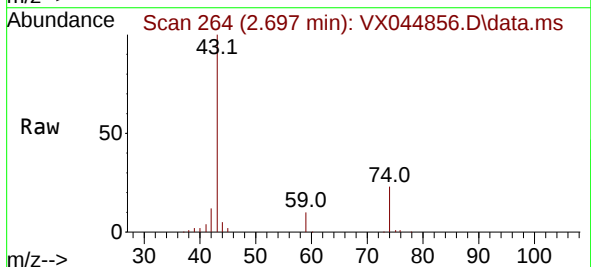
APPROVED

Reviewed By :John Carlone 02/10/2025

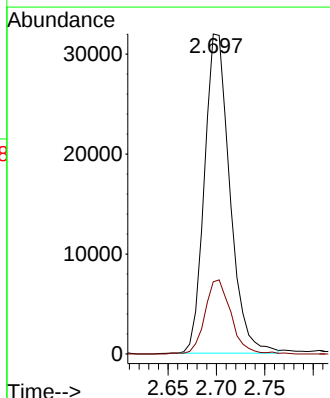
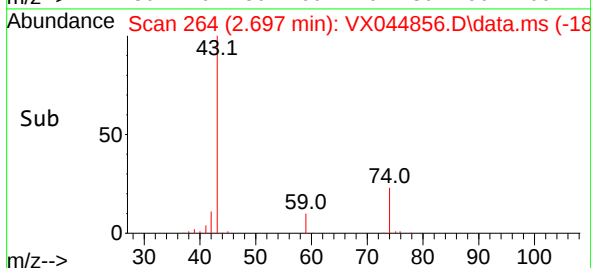
Supervised By :Mahesh Dadoda 02/10/2025

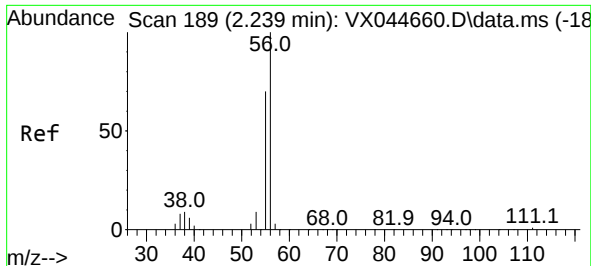


#12
Methyl Acetate
Concen: 24.685 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



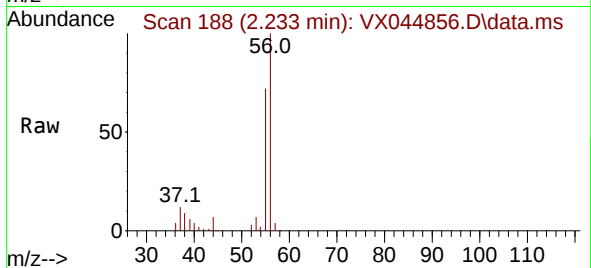
Tgt Ion: 43 Resp: 58515
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2





#13
Acrolein
Concen: 111.844 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

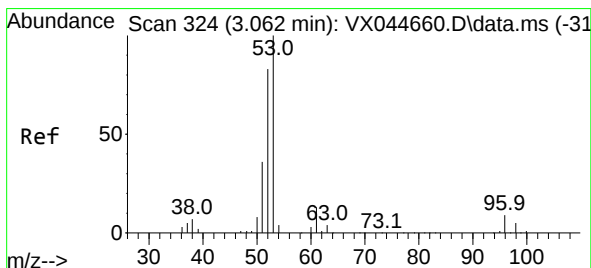
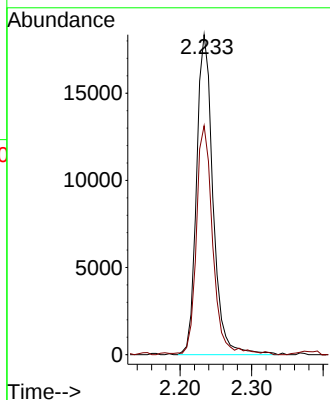
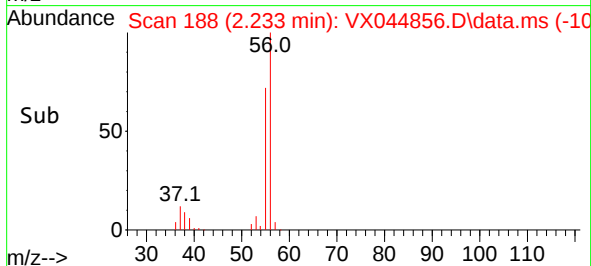
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



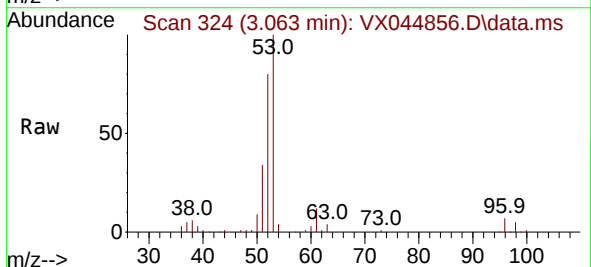
Tgt Ion: 56 Resp: 29319
Ion Ratio Lower Upper
56 100
55 70.9 57.5 86.3

Manual Integrations
APPROVED

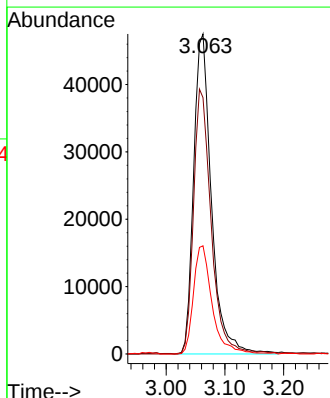
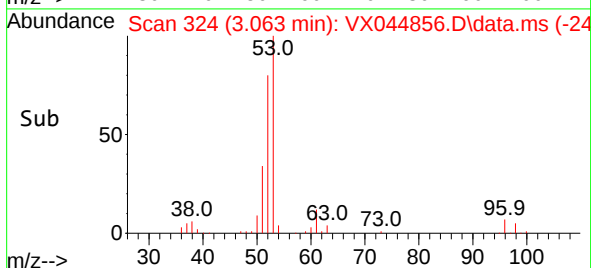
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

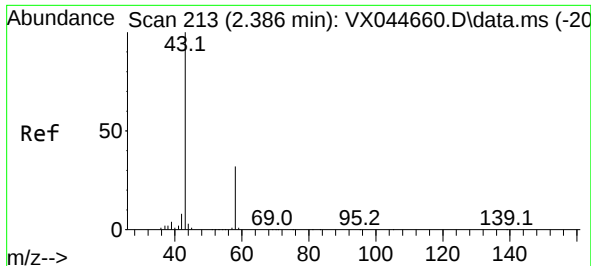


#14
Acrylonitrile
Concen: 115.945 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



Tgt Ion: 53 Resp: 100150
Ion Ratio Lower Upper
53 100
52 80.9 41.4 124.2
51 35.2 18.1 54.4





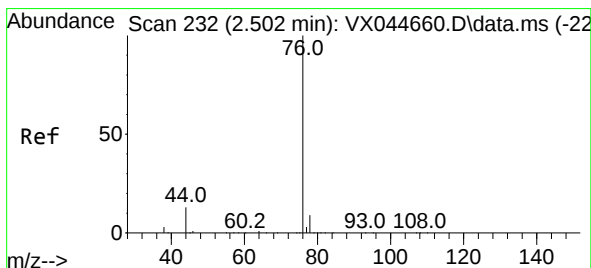
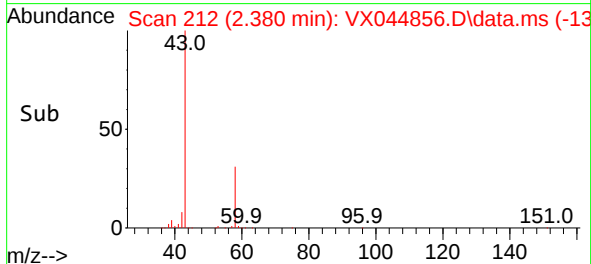
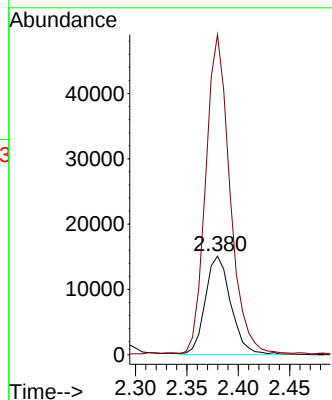
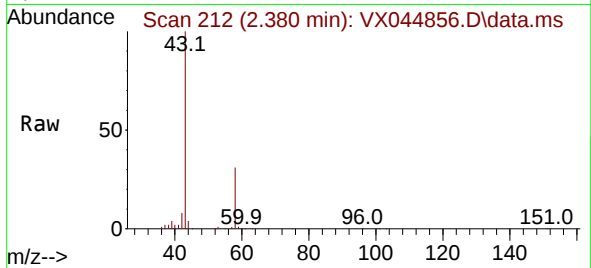
#15
Acetone
Concen: 112.837 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 2615
Ion Ratio Lower Upper
58 100
43 325.5 251.0 376.4

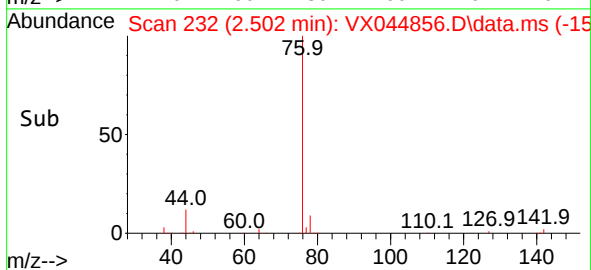
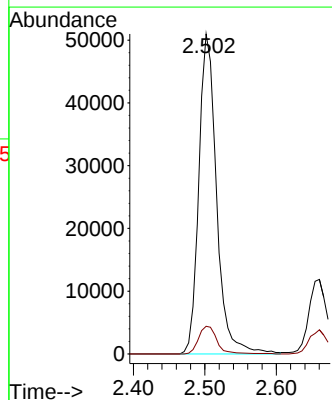
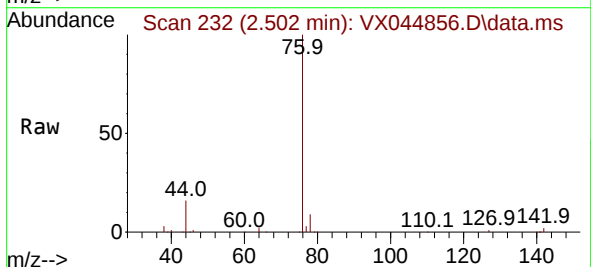
Manual Integrations
APPROVED

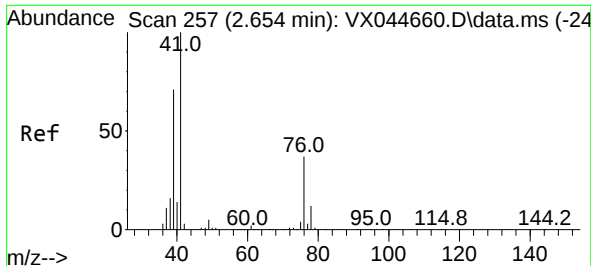
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#16
Carbon Disulfide
Concen: 19.513 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 76 Resp: 88049
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9





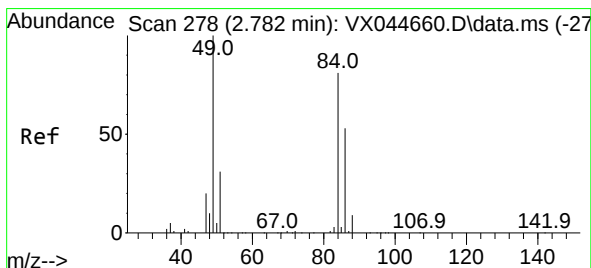
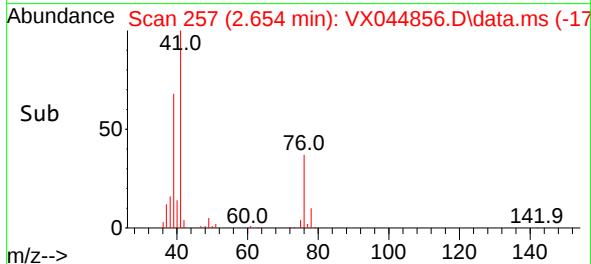
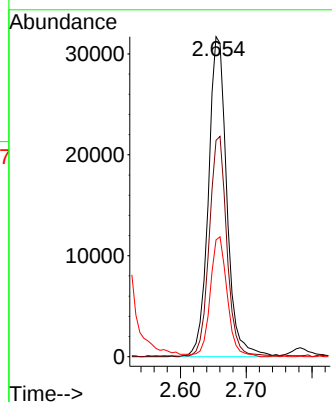
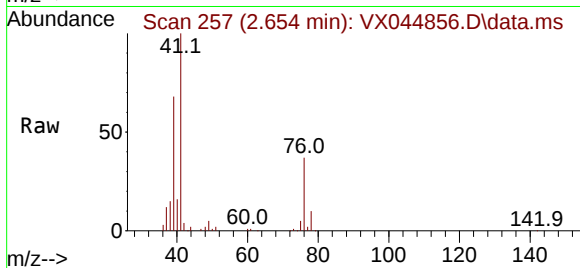
#17
 Allyl chloride
 Concen: 21.141 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 41 Resp: 6190
 Ion Ratio Lower Upper
 41 100
 39 67.5 35.6 106.8
 76 36.5 18.9 56.5

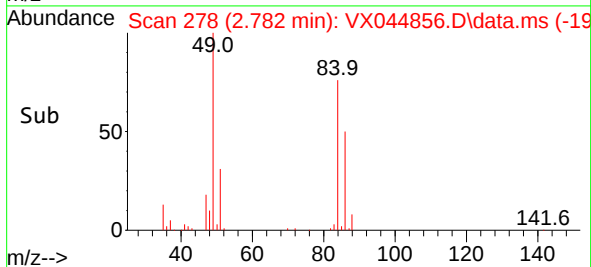
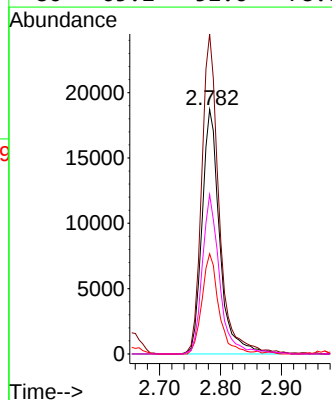
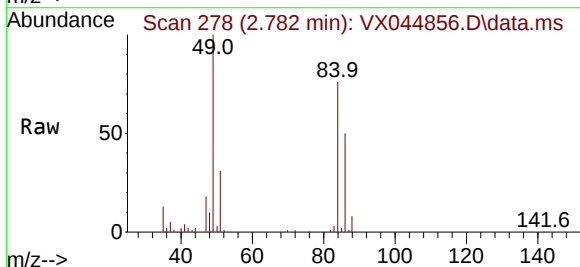
Manual Integrations
 APPROVED

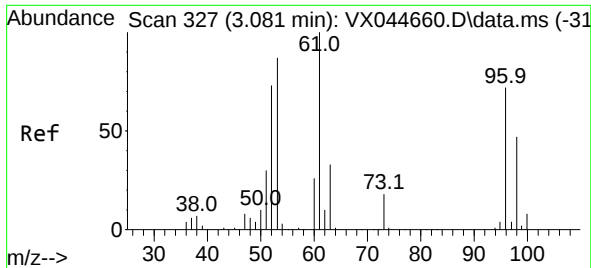
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#18
 Methylene Chloride
 Concen: 20.777 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

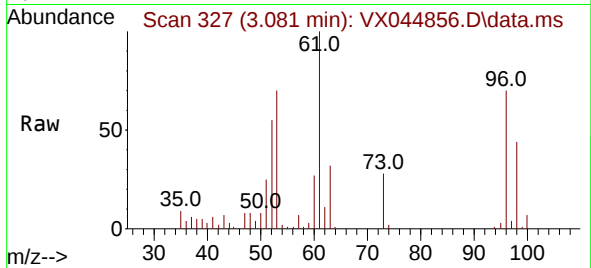
Tgt Ion: 84 Resp: 37753
 Ion Ratio Lower Upper
 84 100
 49 130.9 98.3 147.5
 51 41.0 30.6 46.0
 86 65.2 52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 20.689 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

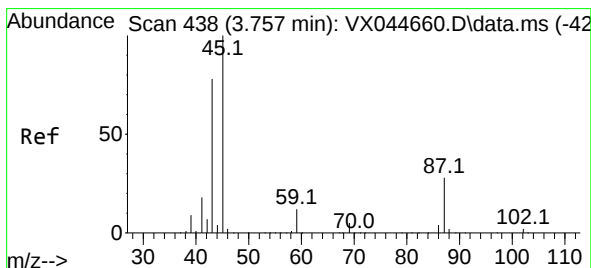
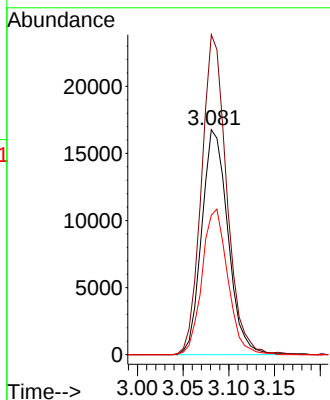
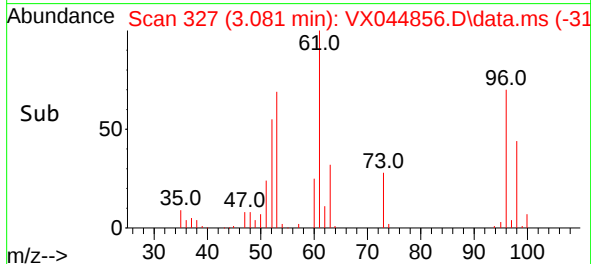
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



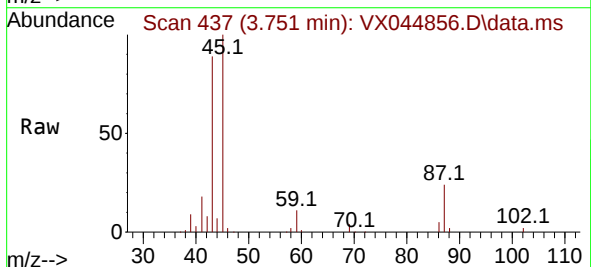
Tgt Ion: 96 Resp: 3340
Ion Ratio Lower Upper
96 100
61 141.6 111.5 167.3
98 62.0 52.6 79.0

Manual Integrations
APPROVED

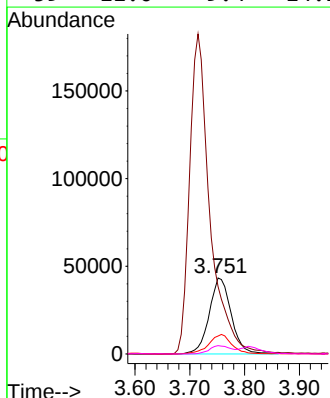
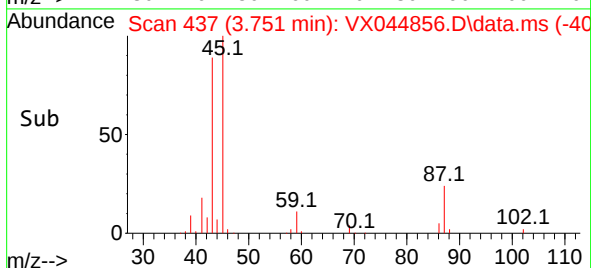
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

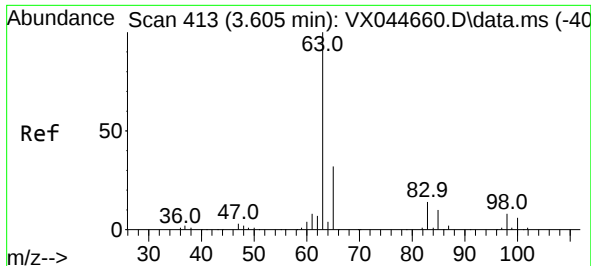


#20
Diisopropyl ether
Concen: 22.783 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



Tgt Ion: 45 Resp: 121085
Ion Ratio Lower Upper
45 100
43 86.8 62.6 94.0
87 23.5 22.7 34.1
59 11.0 9.4 14.2





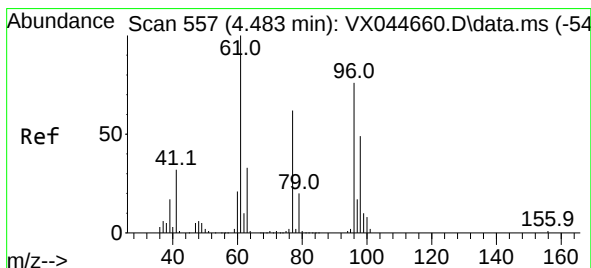
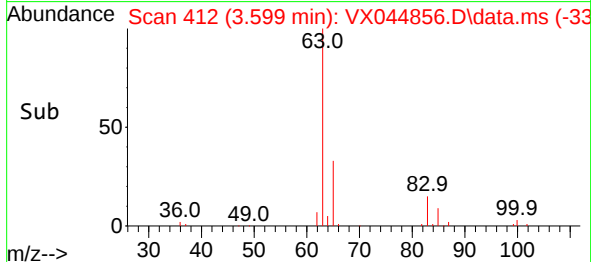
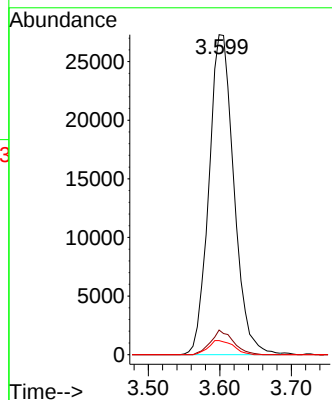
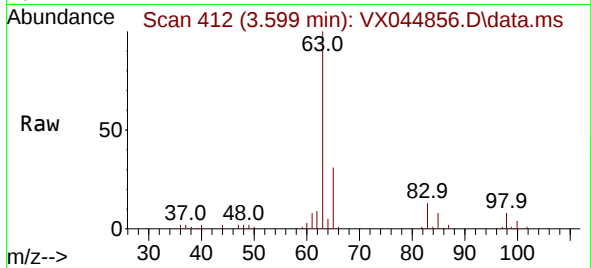
#21
1,1-Dichloroethane
Concen: 21.018 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 66264
Ion Ratio Lower Upper
63 100
98 7.7 4.0 11.9
100 4.4 2.8 8.3

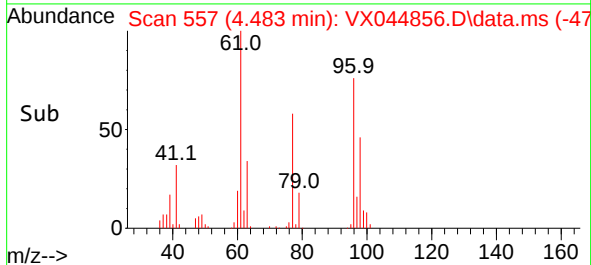
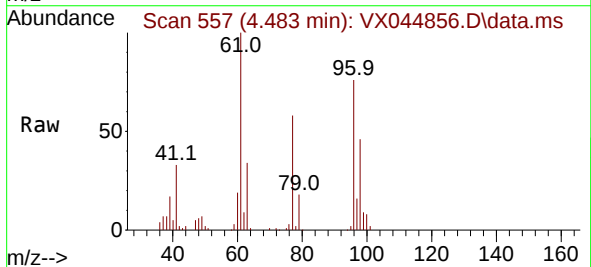
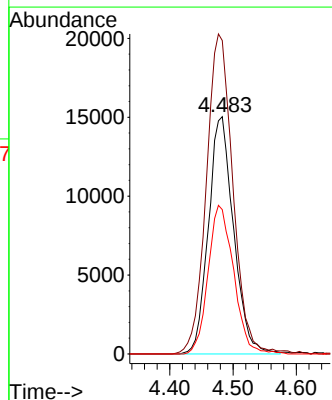
Manual Integrations
APPROVED

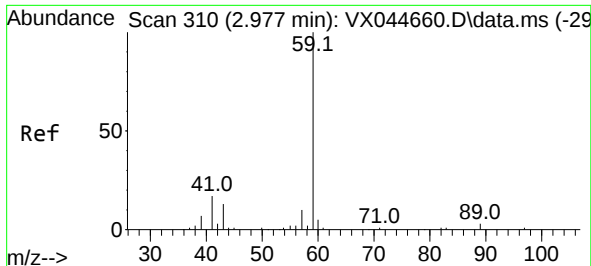
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#22
cis-1,2-Dichloroethene
Concen: 20.804 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 96 Resp: 41572
Ion Ratio Lower Upper
96 100
61 141.3 115.2 172.8
98 63.5 51.8 77.6





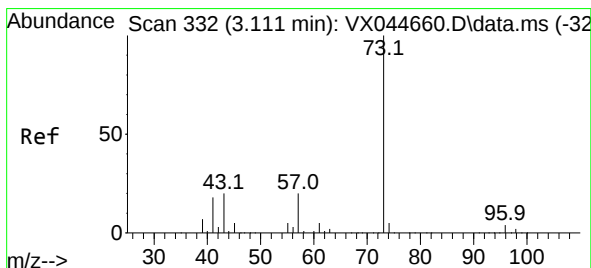
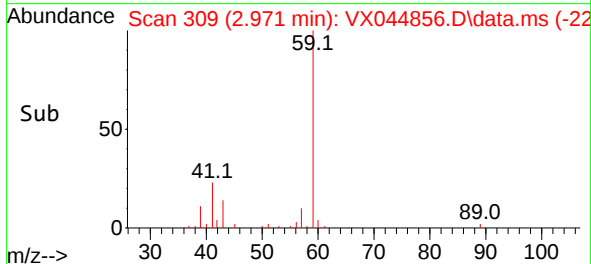
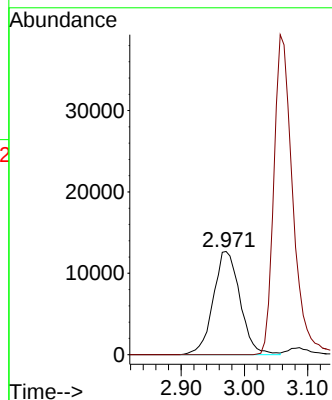
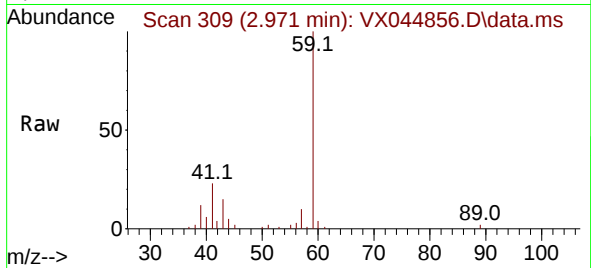
#23
tert-Butyl Alcohol
Concen: 89.445 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 37368
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

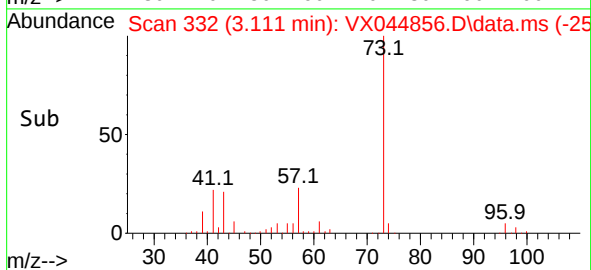
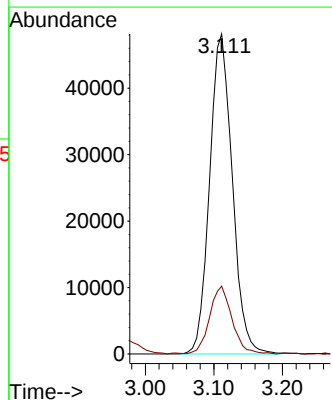
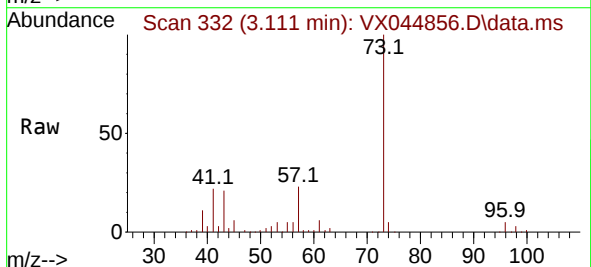
Manual Integrations
APPROVED

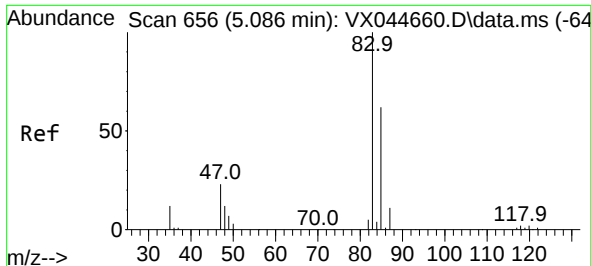
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#24
Methyl tert-Butyl Ether
Concen: 19.712 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 73 Resp: 110896
Ion Ratio Lower Upper
73 100
43 20.9 16.9 25.3





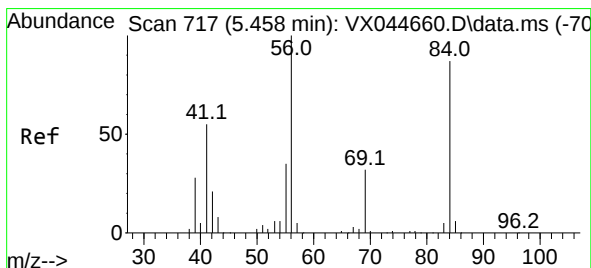
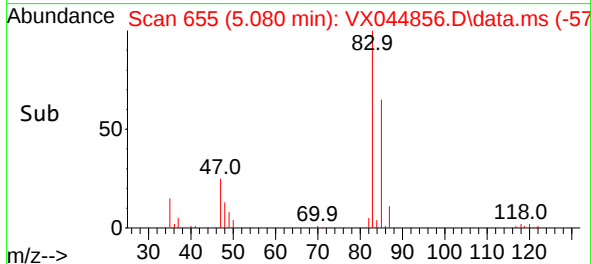
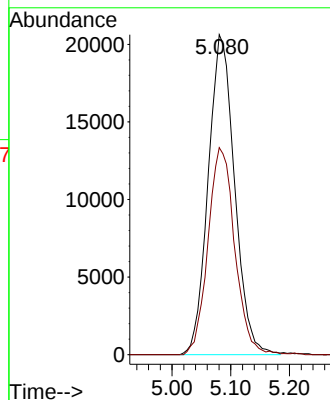
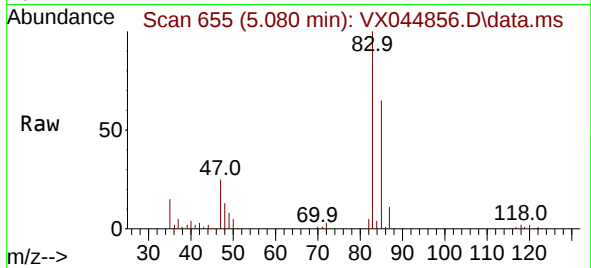
#25
Chloroform
Concen: 20.527 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 64304
Ion Ratio Lower Upper
83 100
85 64.7 49.4 74.2

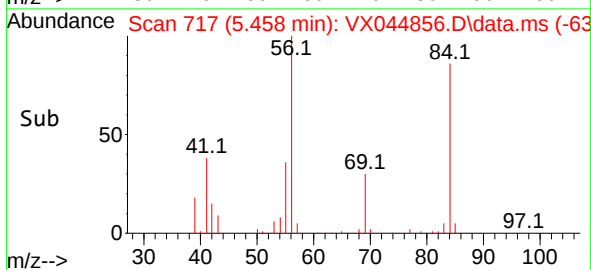
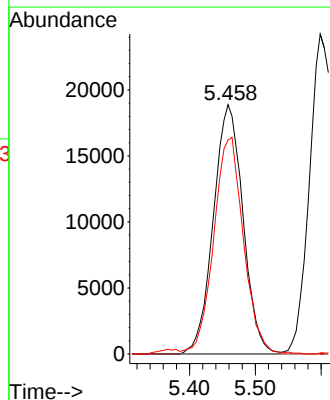
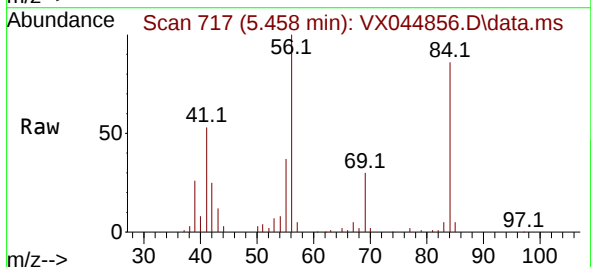
Manual Integrations
APPROVED

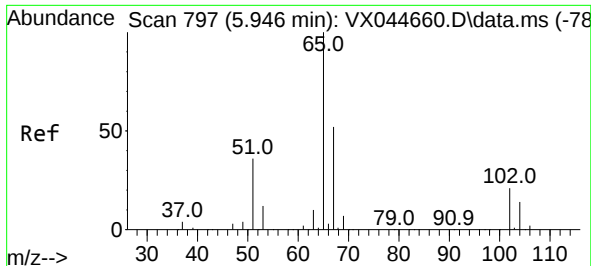
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#26
Cyclohexane
Concen: 22.326 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 56 Resp: 59159
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.1 72.2 108.4





#27

1,2-Dichloroethane-d4

Concen: 29.574 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 62760

Ion Ratio Lower Upper

65 100

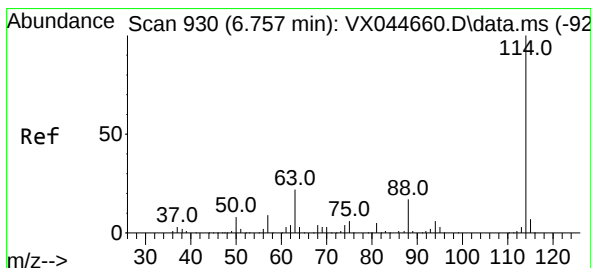
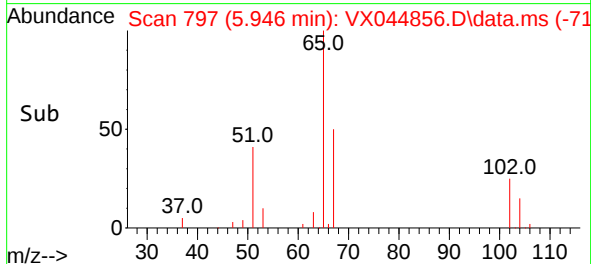
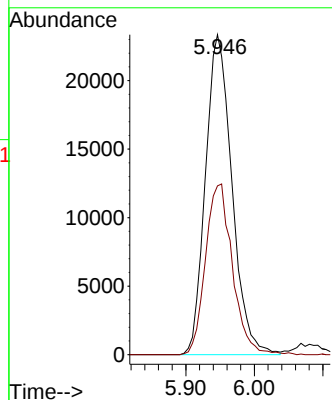
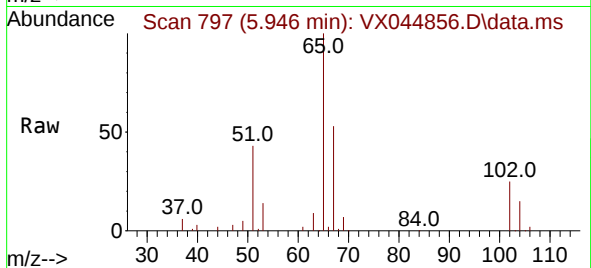
67 53.6 41.4 62.2

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: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

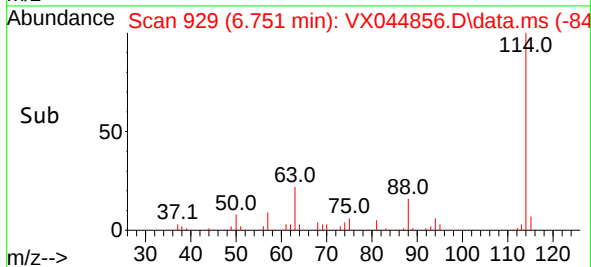
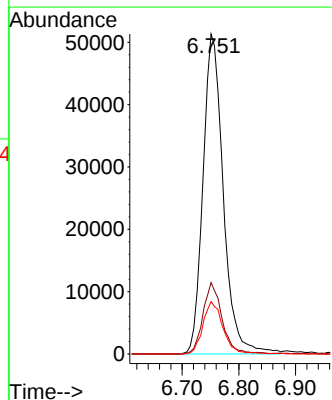
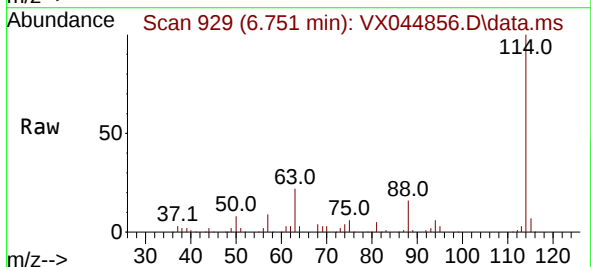
Tgt Ion:114 Resp: 127777

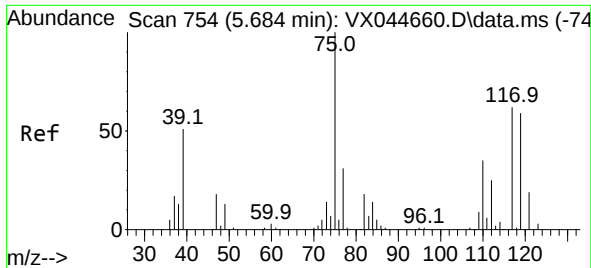
Ion Ratio Lower Upper

114 100

63 20.7 16.6 24.8

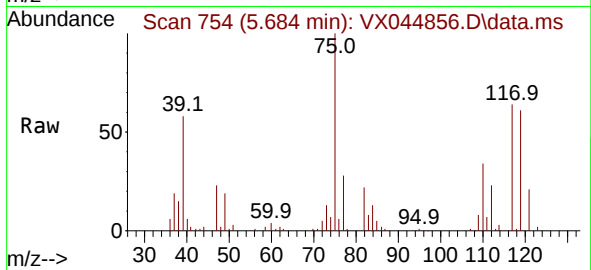
88 15.8 13.4 20.2





#29
1,1-Dichloropropene
Concen: 20.261 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

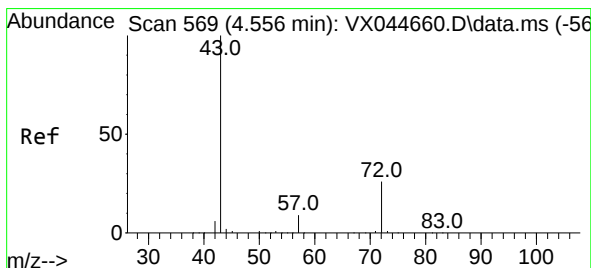
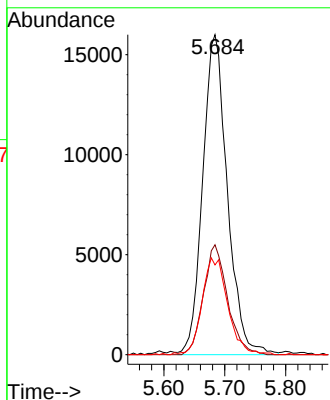
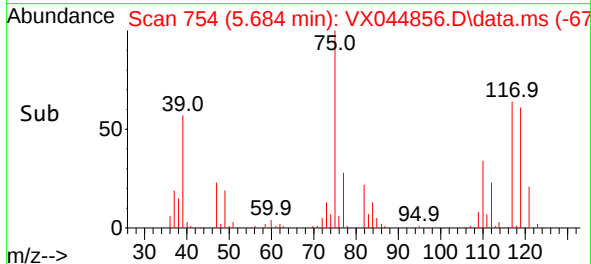
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 45030
Ion Ratio Lower Upper
75 100
110 33.6 0.0 69.4
77 31.0 0.0 59.8

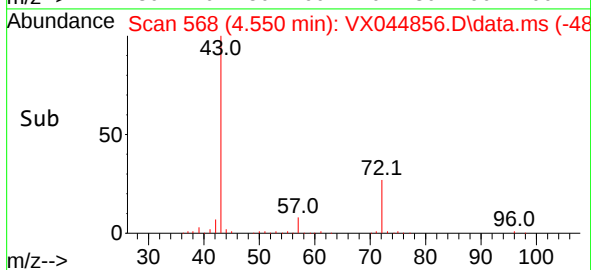
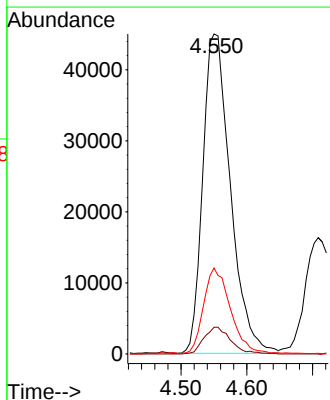
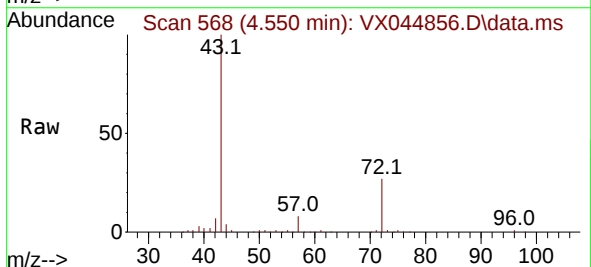
Manual Integrations
APPROVED

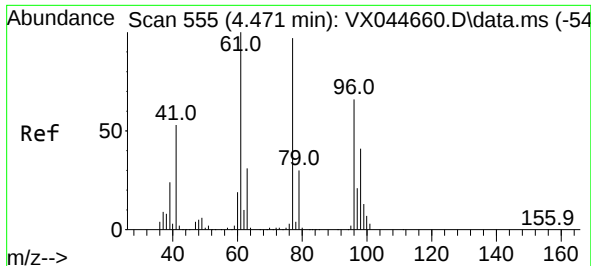
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#30
2-Butanone
Concen: 107.525 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 43 Resp: 131275
Ion Ratio Lower Upper
43 100
57 8.2 6.4 9.6
72 26.2 21.5 32.3





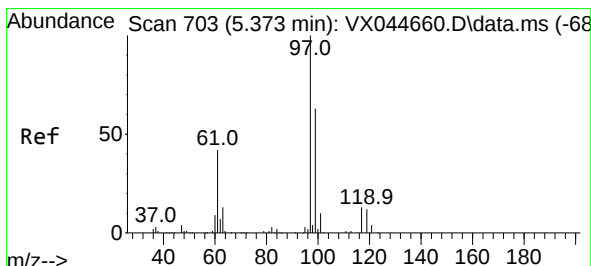
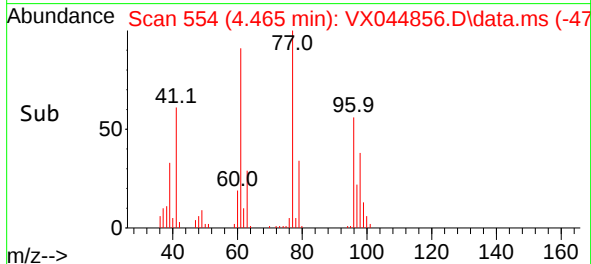
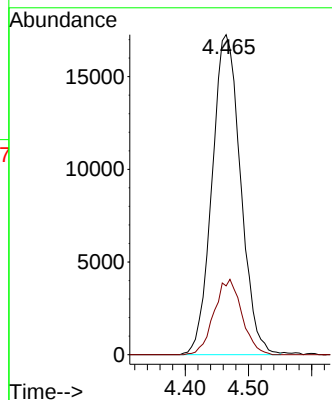
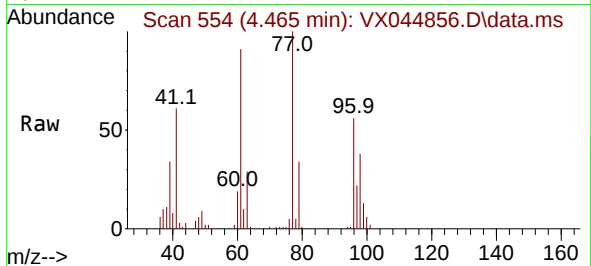
#31
2,2-Dichloropropane
Concen: 17.605 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 54140
Ion Ratio Lower Upper
77 100
97 22.8 18.6 27.8

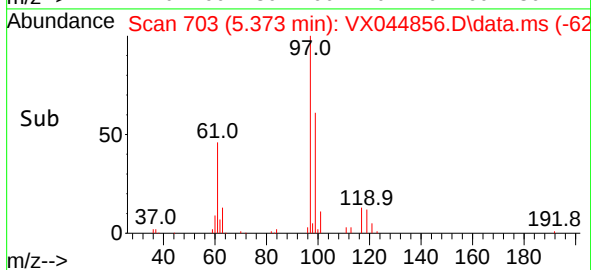
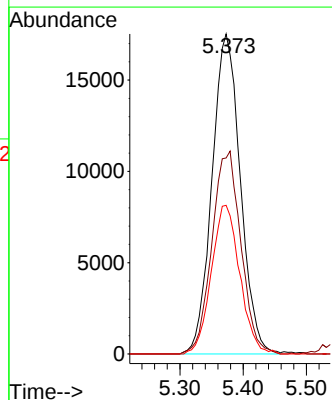
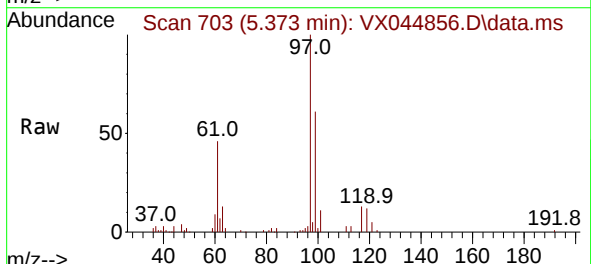
Manual Integrations
APPROVED

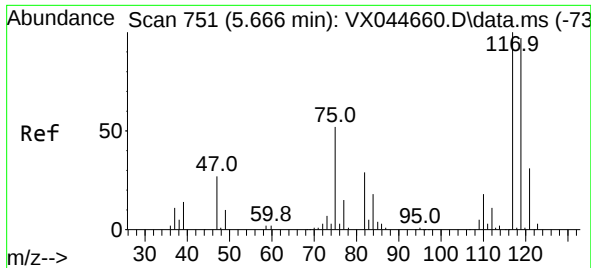
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#32
1,1,1-Trichloroethane
Concen: 18.506 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

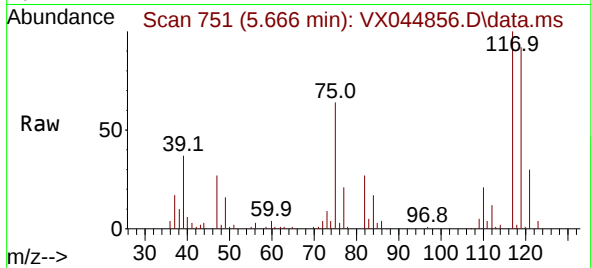
Tgt Ion: 97 Resp: 54507
Ion Ratio Lower Upper
97 100
99 64.8 50.5 75.7
61 46.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.084 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

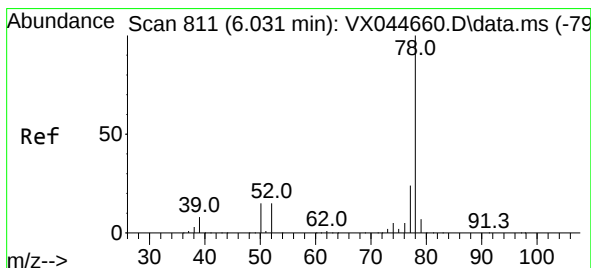
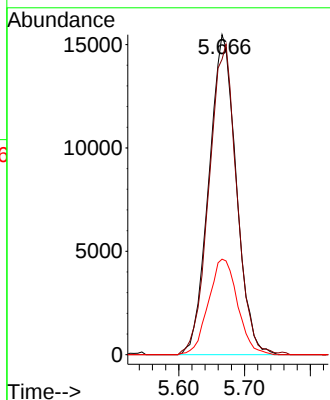
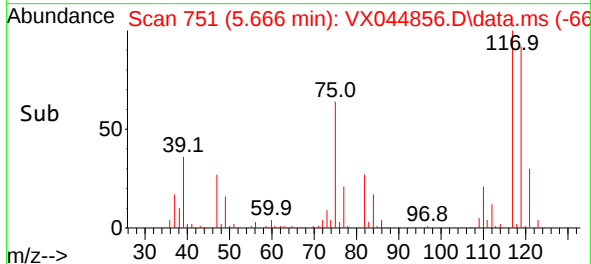
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



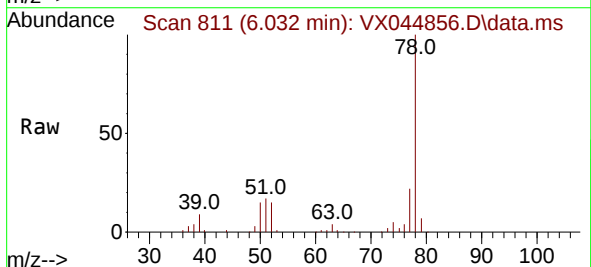
Tgt Ion:117 Resp: 4493
Ion Ratio Lower Upper
117 100
119 92.3 77.3 115.9
121 29.8 24.6 37.0

Manual Integrations
APPROVED

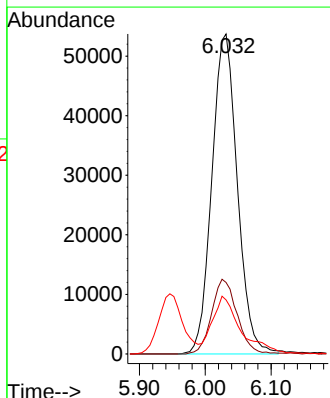
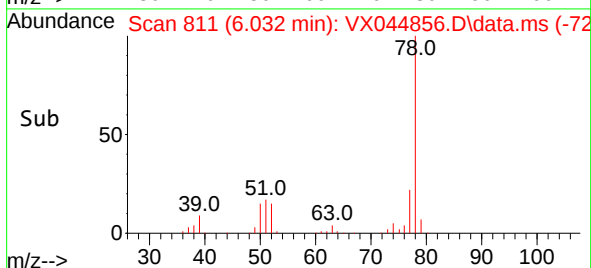
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

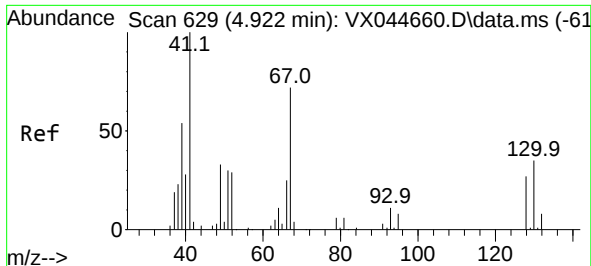


#34
Benzene
Concen: 20.434 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



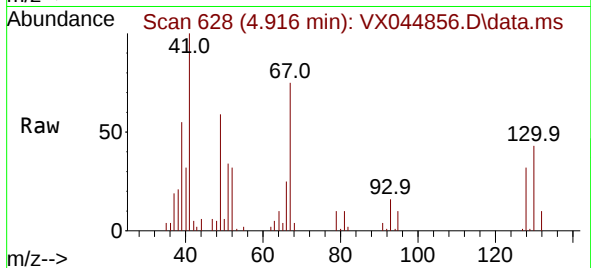
Tgt Ion: 78 Resp: 144891
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9
51 16.0 12.7 19.1





#35
Methacrylonitrile
Concen: 20.536 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

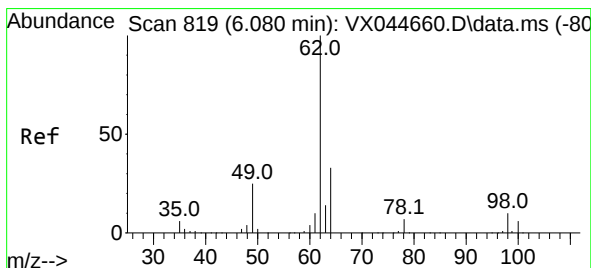
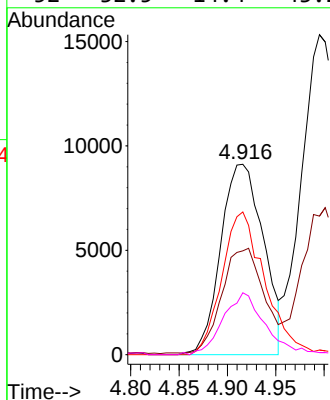
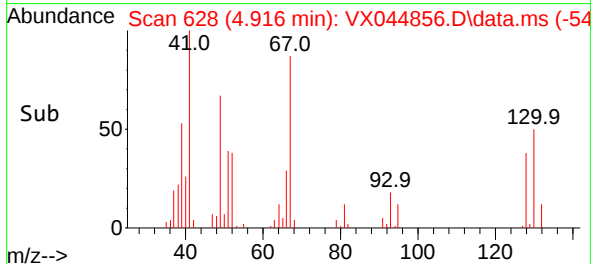
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 2802
Ion Ratio Lower Upper
41 100
39 53.6 27.1 81.3
67 75.0 35.8 107.4
52 32.5 14.4 43.2

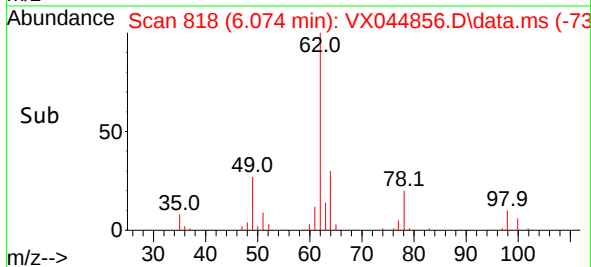
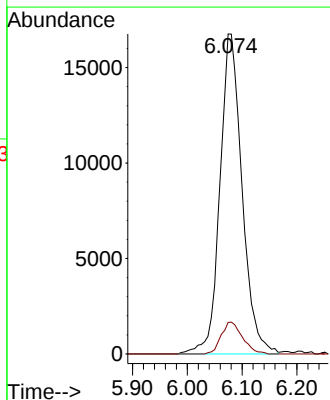
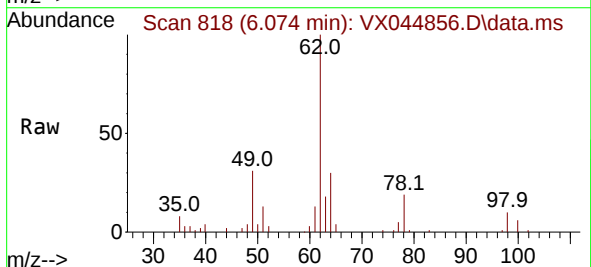
Manual Integrations
APPROVED

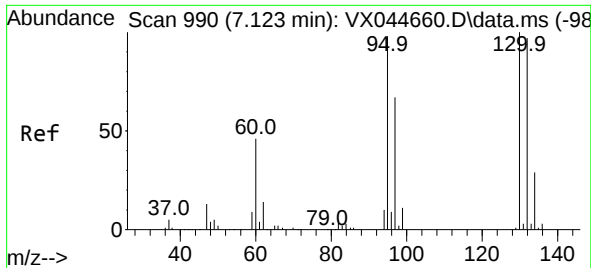
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#36
1,2-Dichloroethane
Concen: 18.591 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 62 Resp: 47132
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





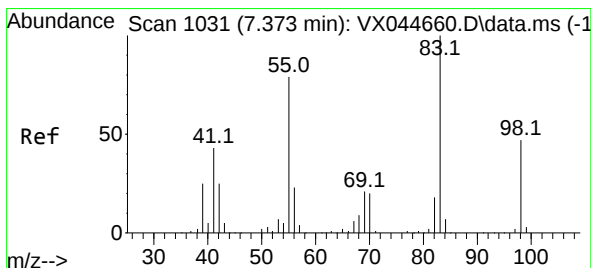
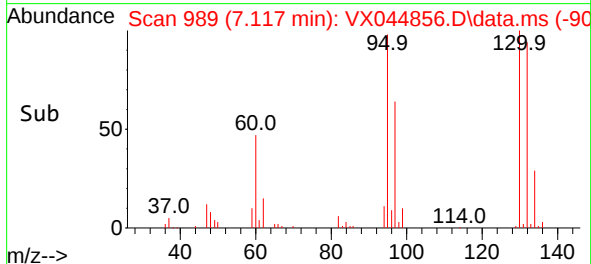
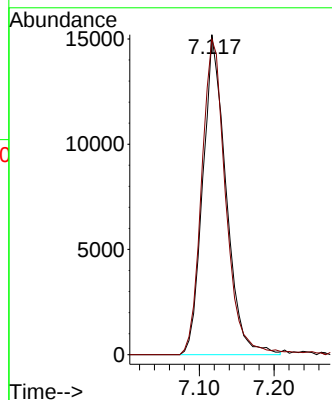
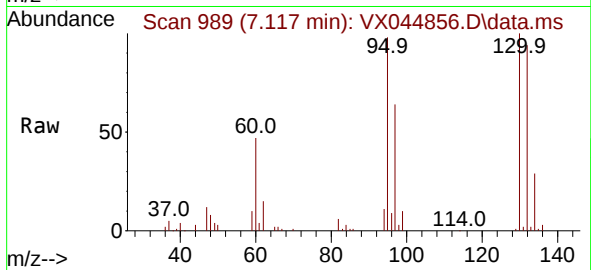
#37
Trichloroethene
Concen: 19.095 ug/l
RT: 7.117 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 3269
Ion Ratio Lower Upper
130 100
95 98.5 78.2 117.4

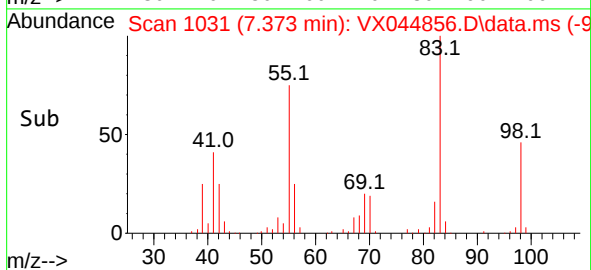
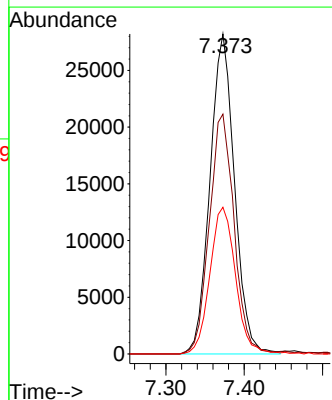
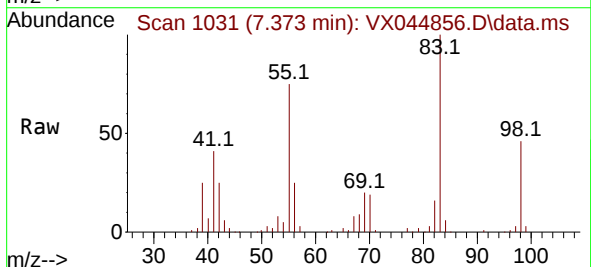
Manual Integrations
APPROVED

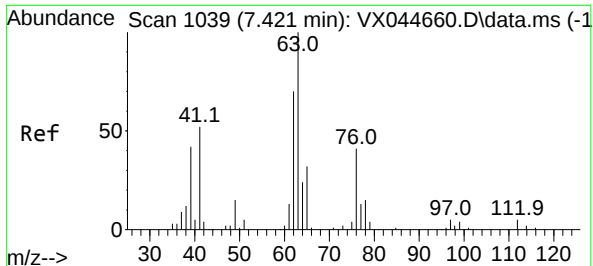
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#38
Methylcyclohexane
Concen: 20.330 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 83 Resp: 61391
Ion Ratio Lower Upper
83 100
55 75.6 38.4 115.2
98 47.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.376 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 36029

Ion Ratio Lower Upper

63 100

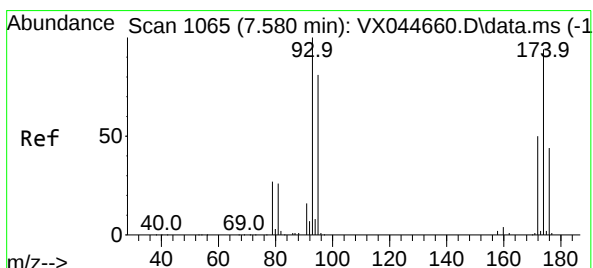
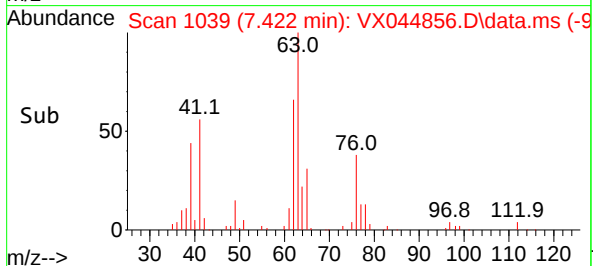
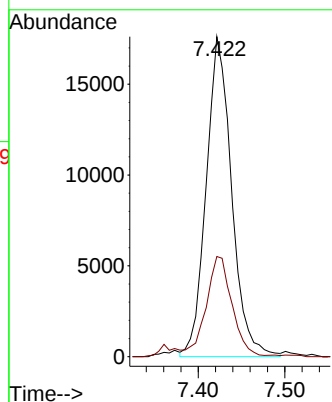
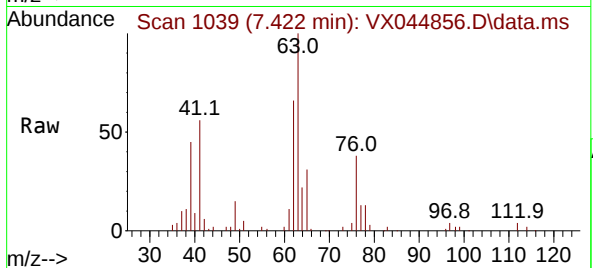
65 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#40

Dibromomethane

Concen: 19.253 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

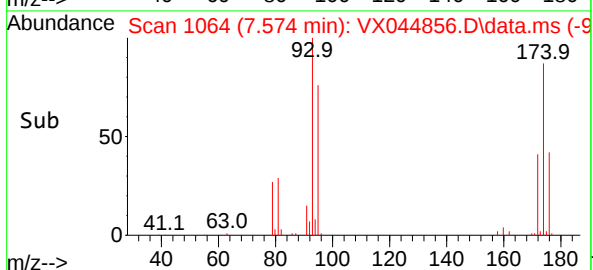
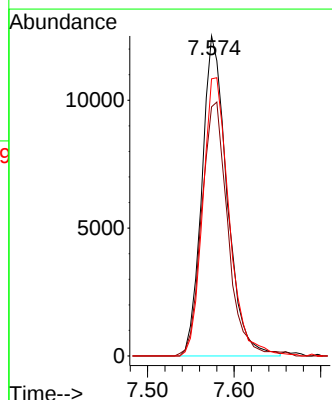
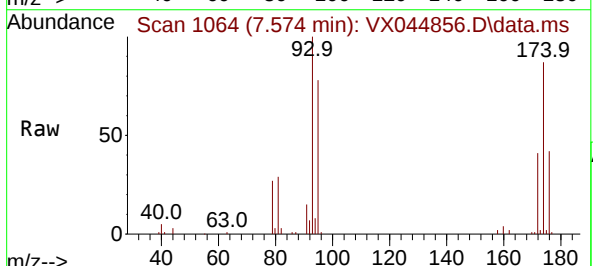
Tgt Ion: 93 Resp: 25309

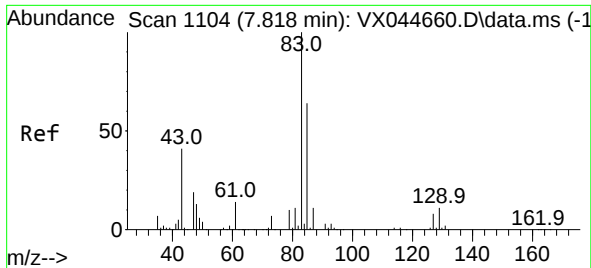
Ion Ratio Lower Upper

93 100

95 81.8 0.0 167.0

174 90.9 0.0 182.0





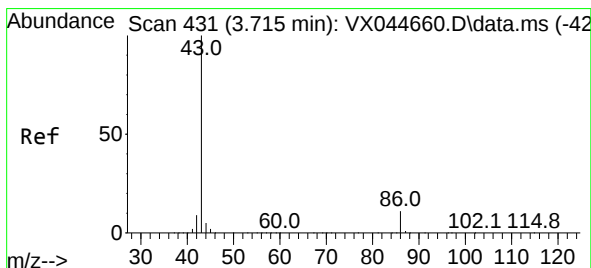
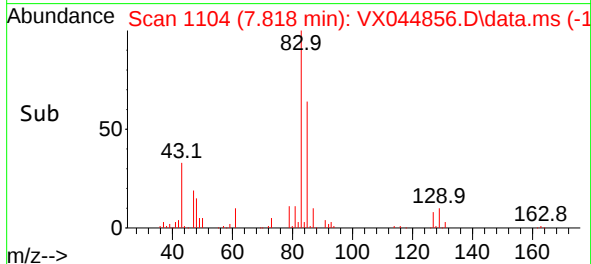
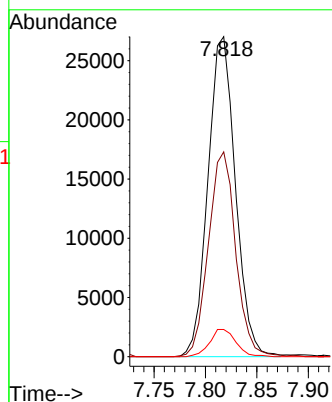
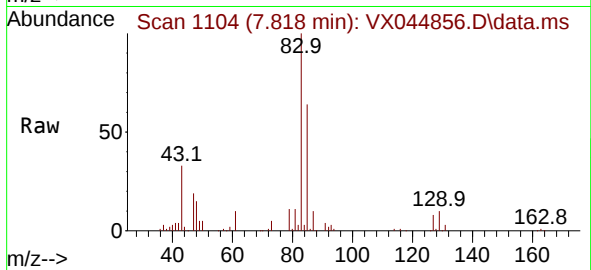
#41
Bromodichloromethane
Concen: 18.517 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5026
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.5 6.5 9.7

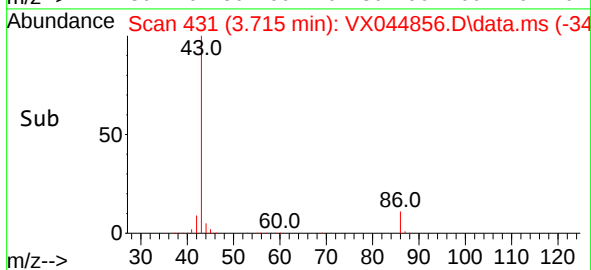
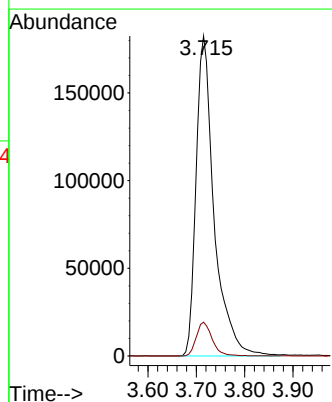
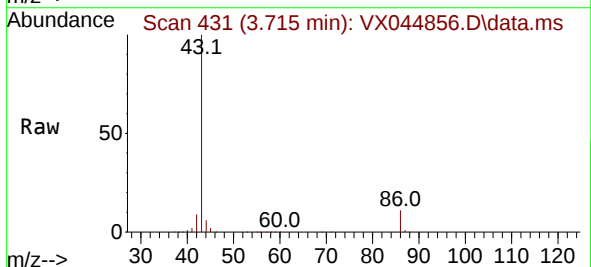
Manual Integrations
APPROVED

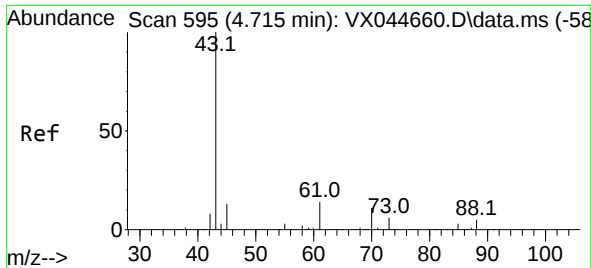
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#42
Vinyl Acetate
Concen: 97.465 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 43 Resp: 472565
Ion Ratio Lower Upper
43 100
86 9.3 8.0 12.0





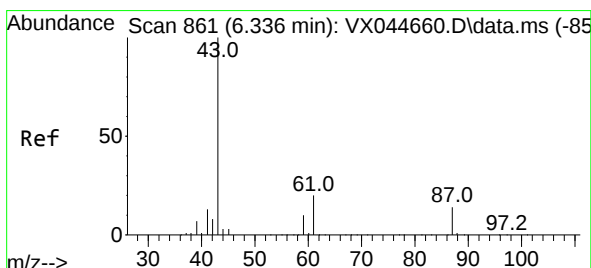
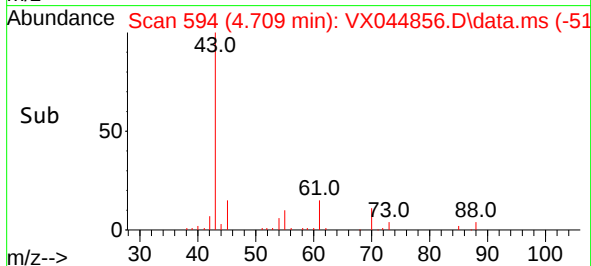
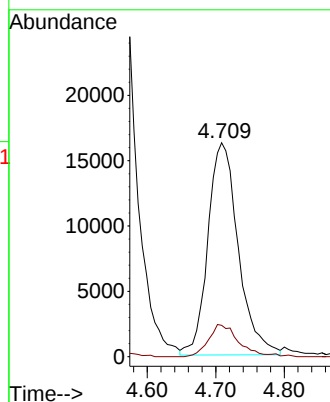
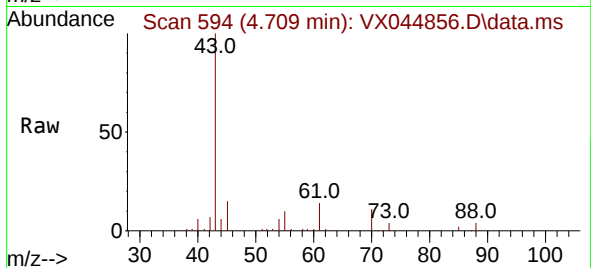
#43
Ethyl Acetate
Concen: 20.866 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 49972
Ion Ratio Lower Upper
43 100
45 14.7 0.1 0.15

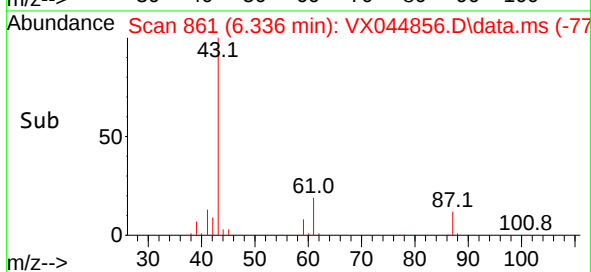
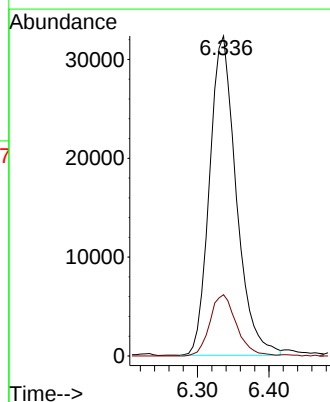
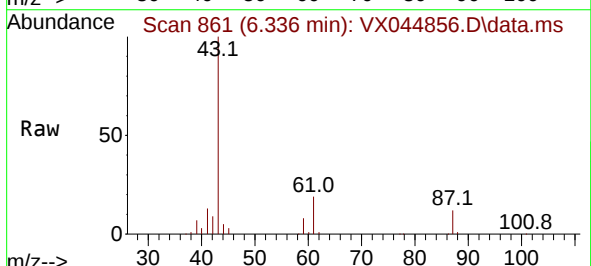
Manual Integrations
APPROVED

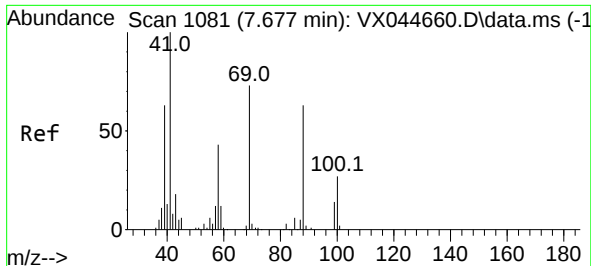
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#44
Isopropyl Acetate
Concen: 19.500 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

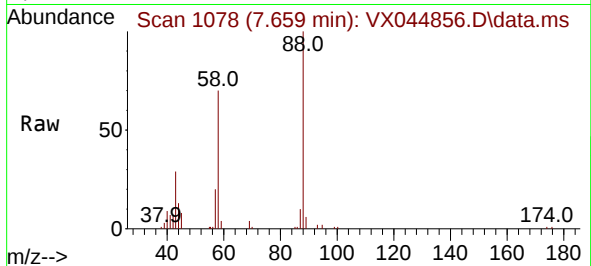
Tgt Ion: 43 Resp: 83898
Ion Ratio Lower Upper
43 100
61 19.1 16.2 24.4





#45
1,4-Dioxane
Concen: 410.012 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.018 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

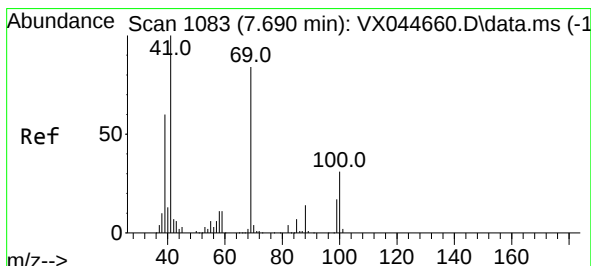
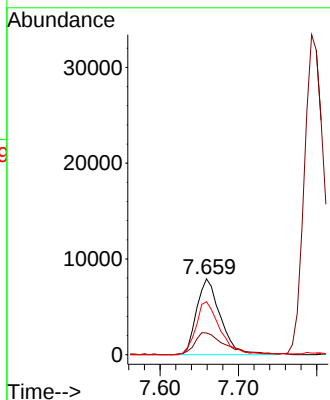
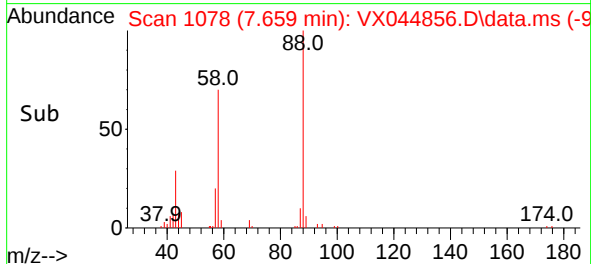
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 16798
Ion Ratio Lower Upper
88 100
43 34.9 25.9 38.9
58 70.3 58.9 88.3

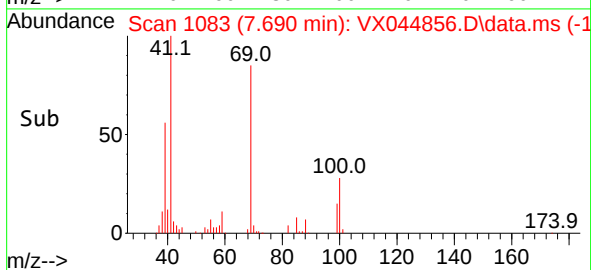
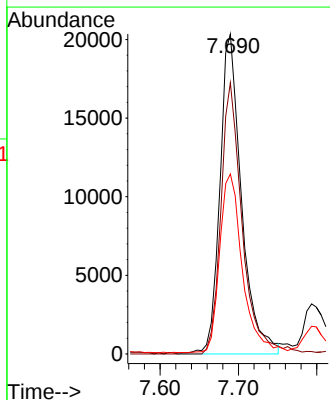
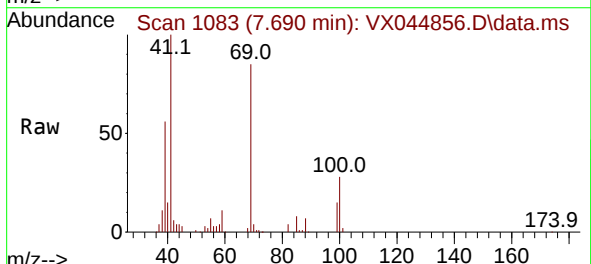
Manual Integrations
APPROVED

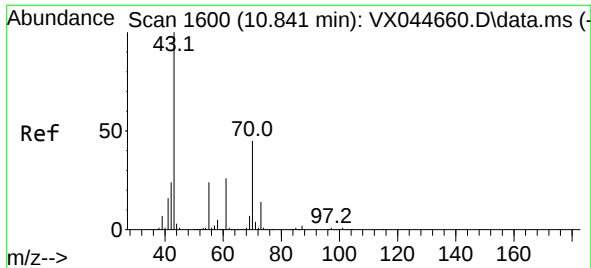
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#46
Methyl methacrylate
Concen: 18.544 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

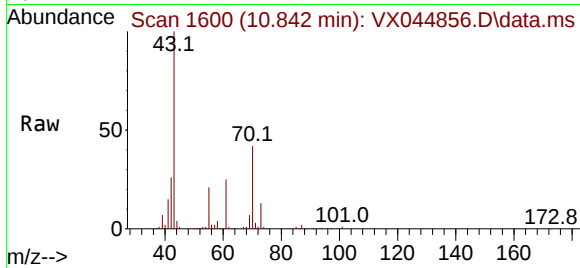
Tgt Ion: 41 Resp: 39054
Ion Ratio Lower Upper
41 100
69 84.7 41.9 125.7
39 55.8 30.1 90.3





#47
n-amy1 Acetate
Concen: 18.330 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

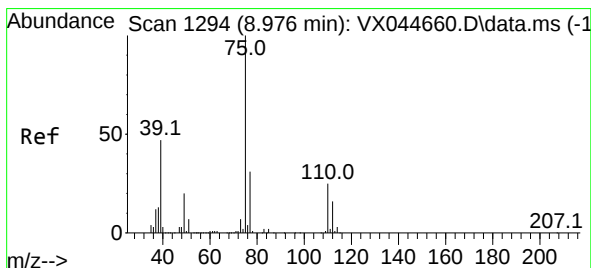
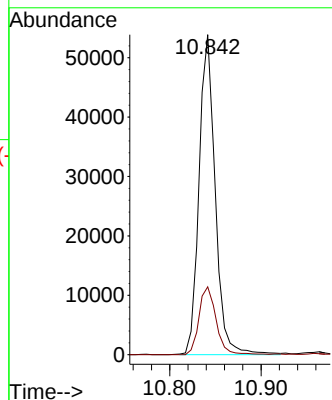
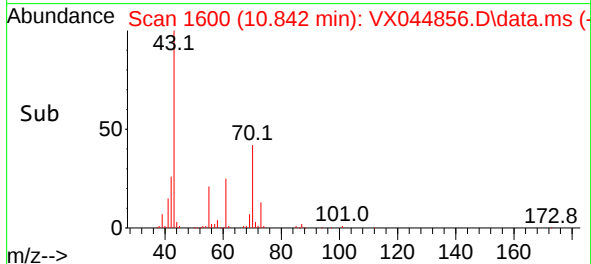
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 66180
Ion Ratio Lower Upper
43 100
55 22.4 18.9 28.3

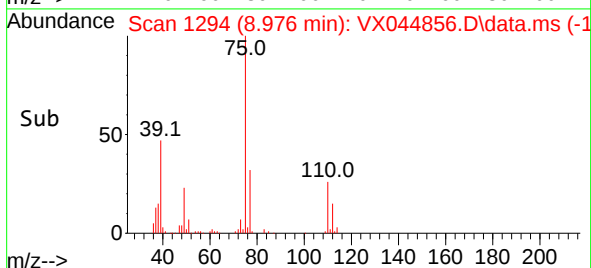
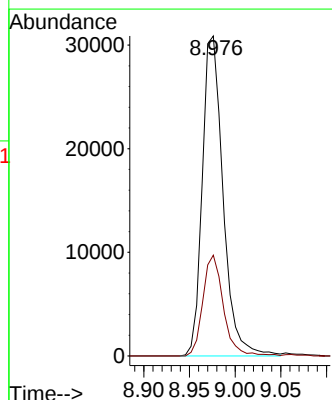
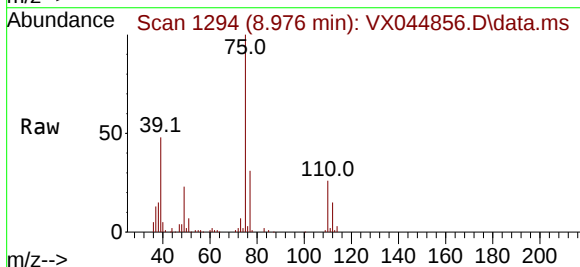
Manual Integrations
APPROVED

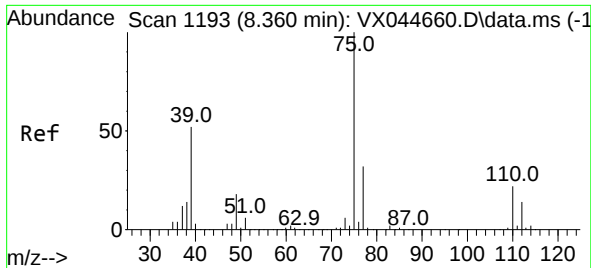
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#48
t-1,3-Dichloropropene
Concen: 17.043 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

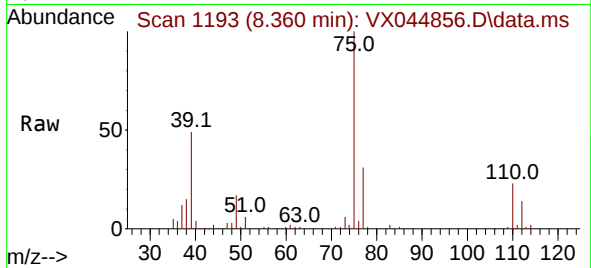
Tgt Ion: 75 Resp: 48829
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2





#49
 cis-1,3-Dichloropropene
 Concen: 18.168 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

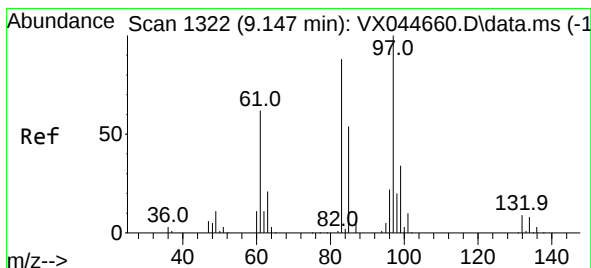
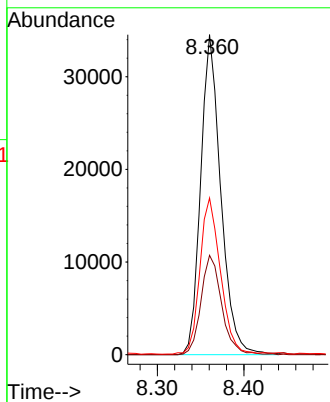
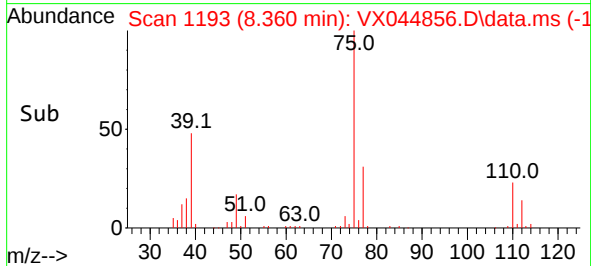
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 5581
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 48.4 41.4 62.0

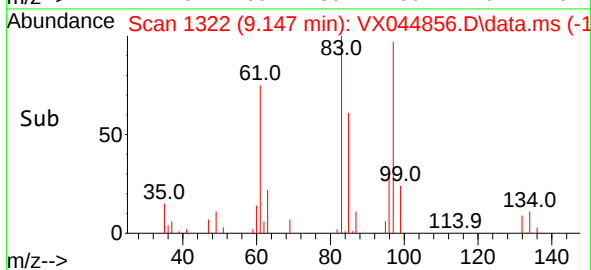
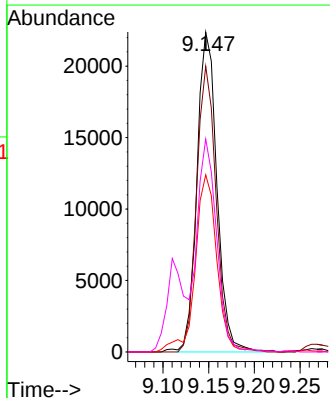
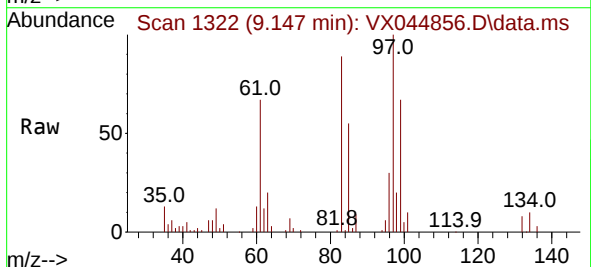
Manual Integrations
 APPROVED

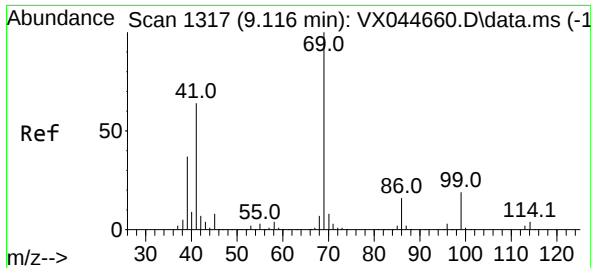
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.024 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

Tgt Ion: 97 Resp: 33901
 Ion Ratio Lower Upper
 97 100
 83 89.3 69.2 103.8
 85 55.4 44.8 67.2
 99 66.6 52.1 78.1





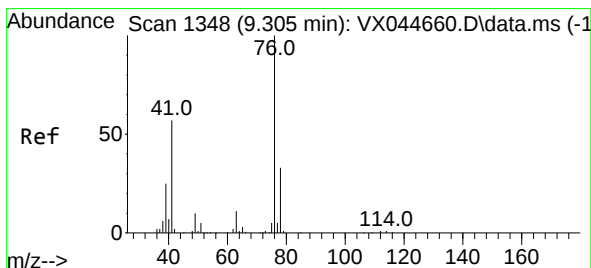
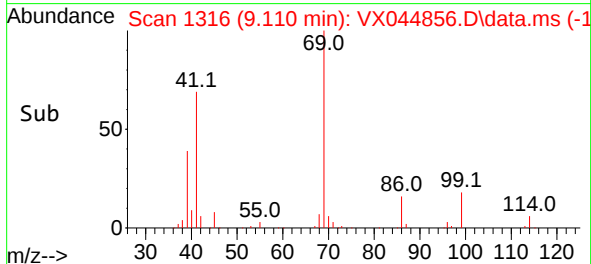
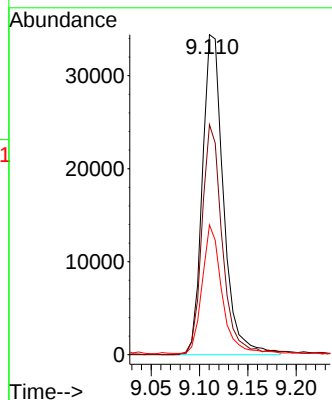
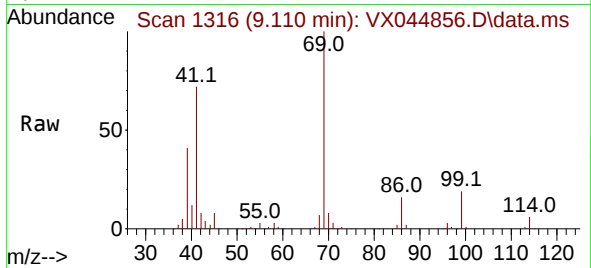
#51
Ethyl methacrylate
Concen: 17.821 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 52415
Ion Ratio Lower Upper
69 100
41 71.7 32.0 96.0
39 40.2 18.6 55.6

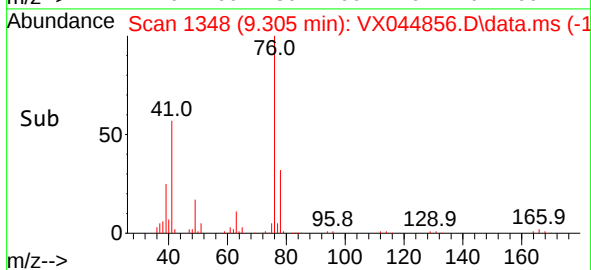
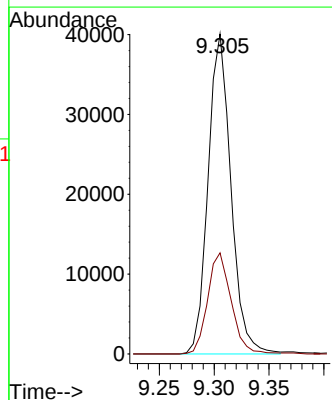
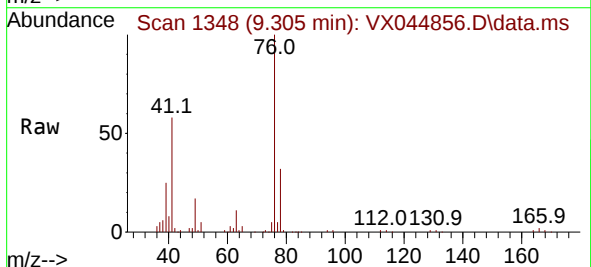
Manual Integrations
APPROVED

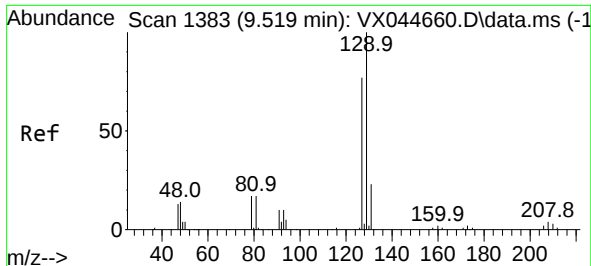
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#52
1,3-Dichloropropane
Concen: 19.855 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

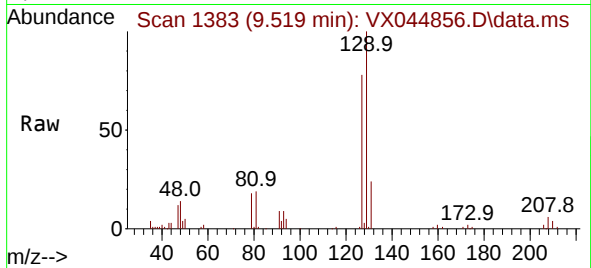
Tgt Ion: 76 Resp: 58140
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.0





#53
Dibromochloromethane
Concen: 17.982 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

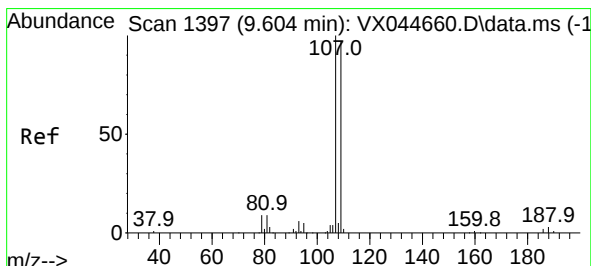
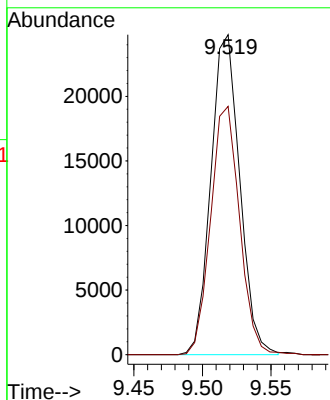
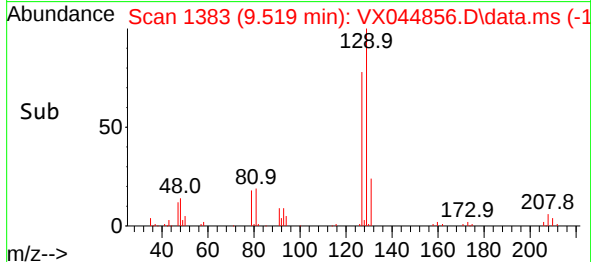
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 36378
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4

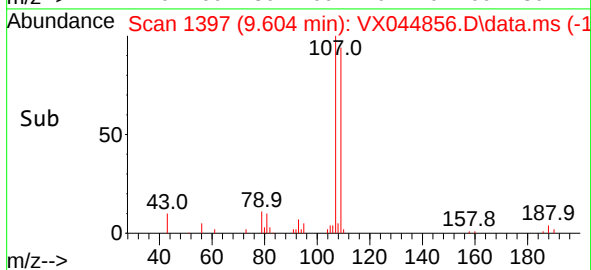
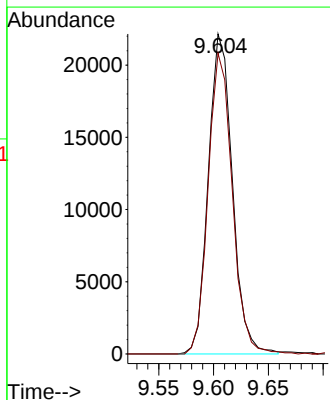
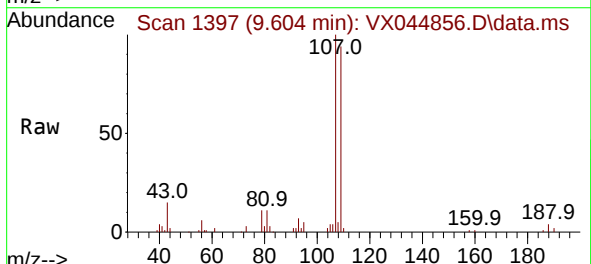
Manual Integrations
APPROVED

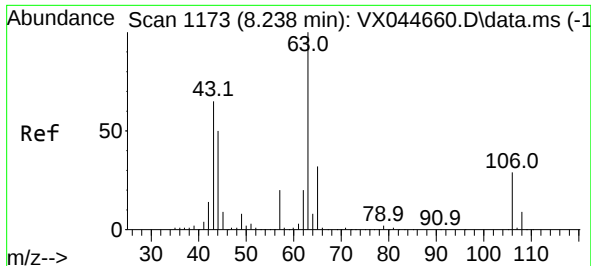
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#54
1,2-Dibromoethane
Concen: 18.887 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

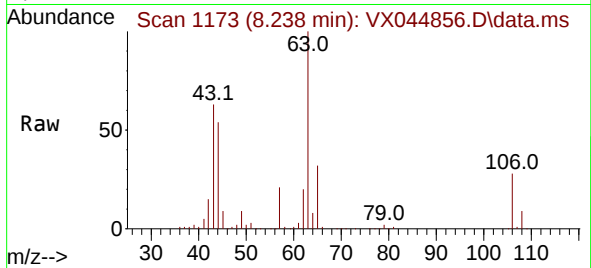
Tgt Ion:107 Resp: 33803
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 92.096 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

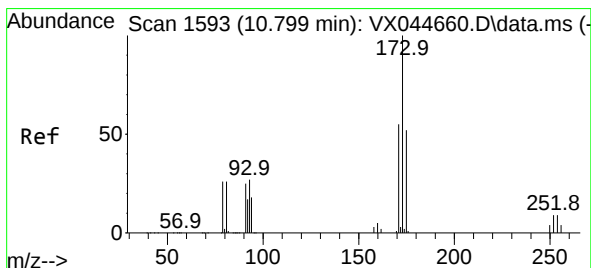
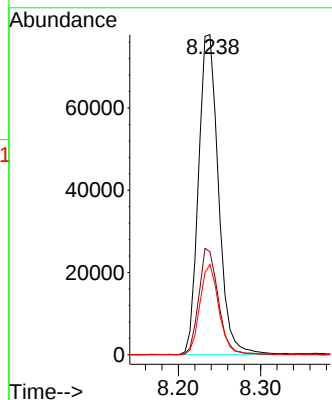
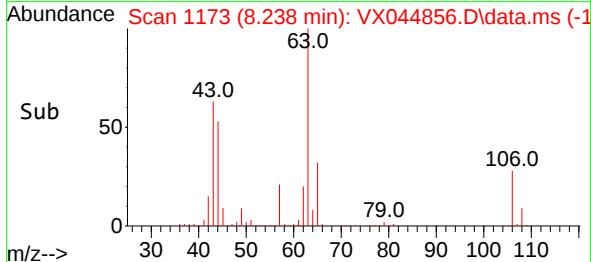
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 131420
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 26.9 23.1 34.7

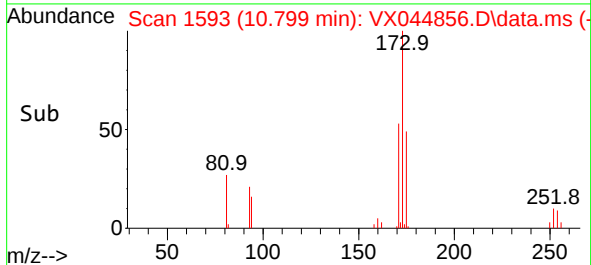
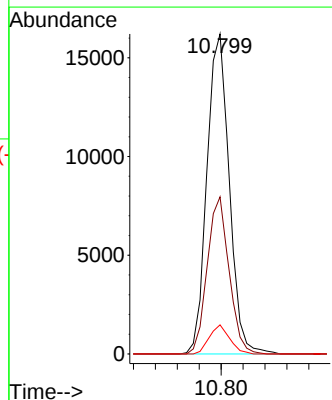
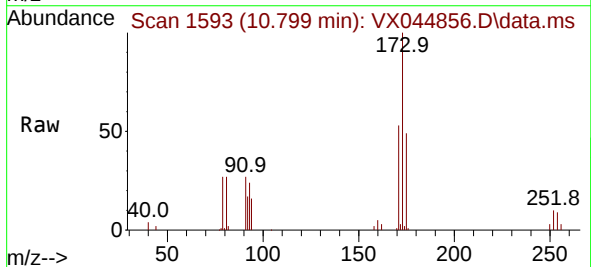
Manual Integrations
APPROVED

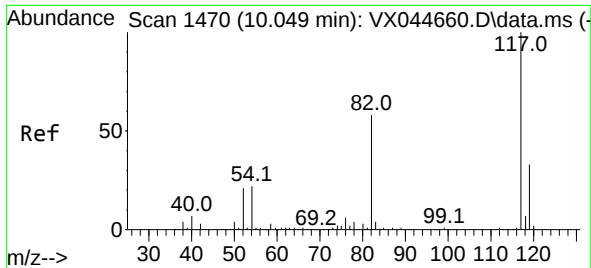
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#56
Bromoform
Concen: 17.079 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

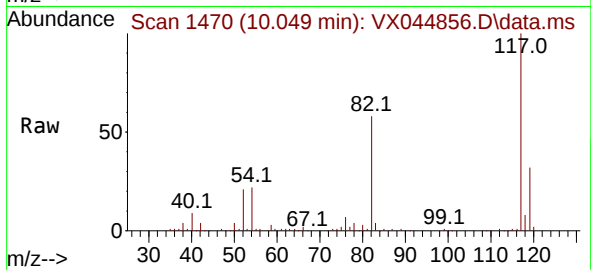
Tgt Ion:173 Resp: 22911
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.6
254 8.3 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

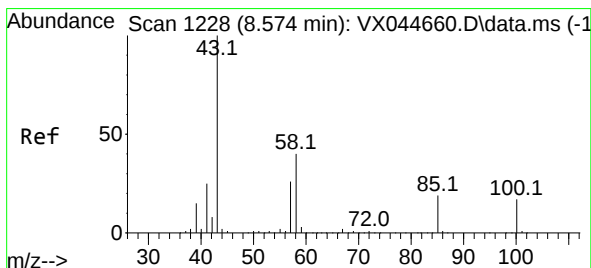
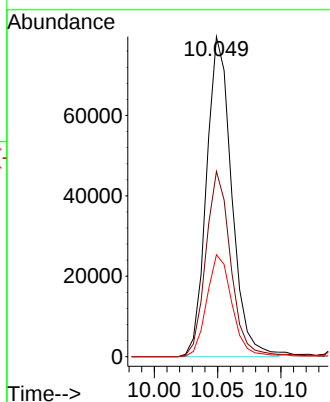
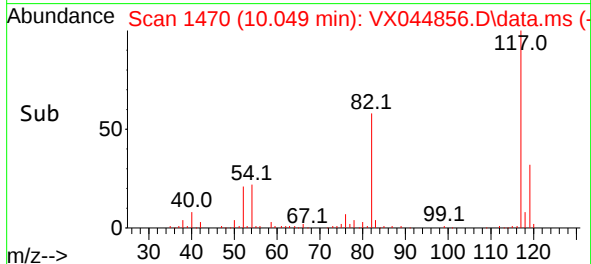
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 110320
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 31.9 25.8 38.6

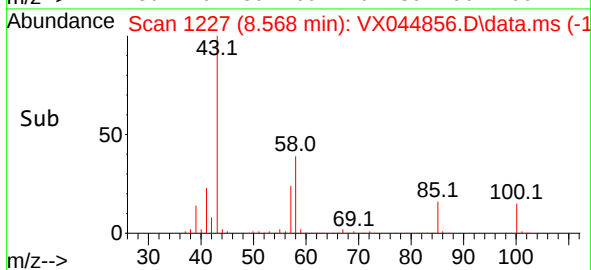
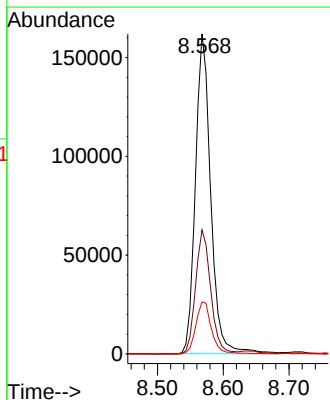
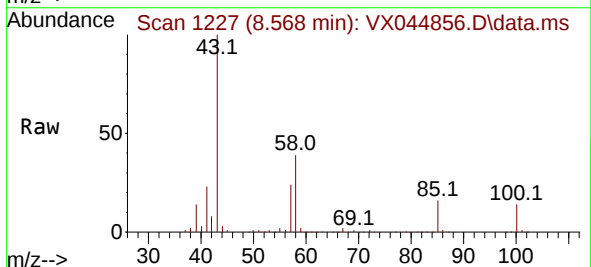
Manual Integrations
APPROVED

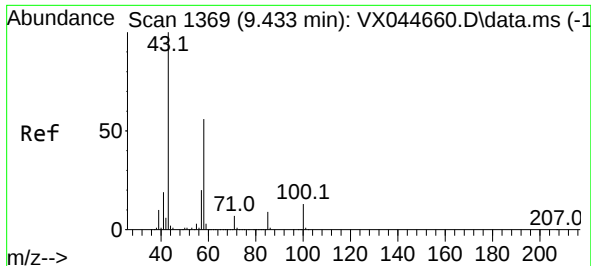
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#58
4-Methyl-2-Pentanone
Concen: 112.176 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

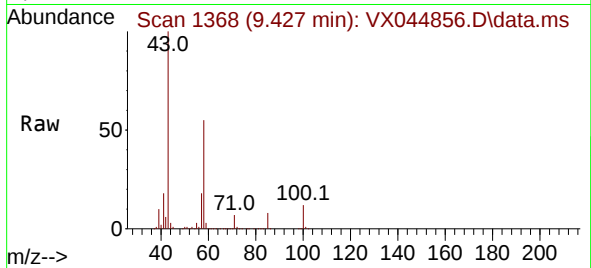
Tgt Ion: 43 Resp: 260866
Ion Ratio Lower Upper
43 100
58 38.4 31.7 47.5
85 16.4 15.0 22.6





#59
2-Hexanone
Concen: 109.594 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

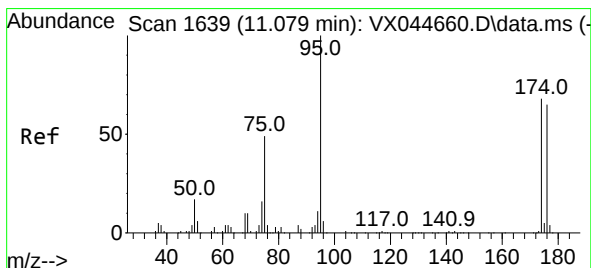
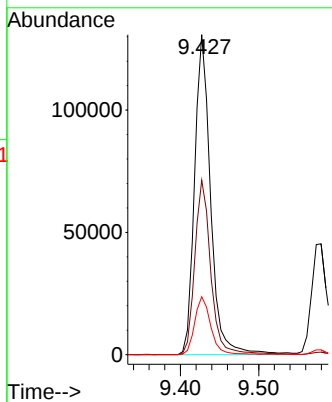
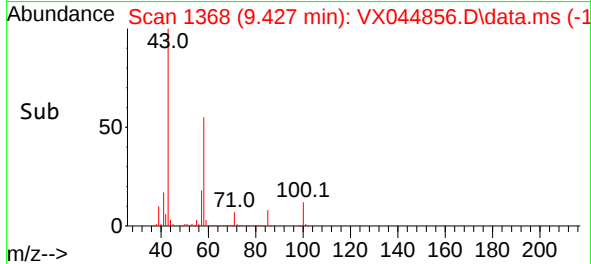
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 186580
Ion Ratio Lower Upper
43 100
58 54.5 44.4 66.6
57 18.0 15.5 23.3

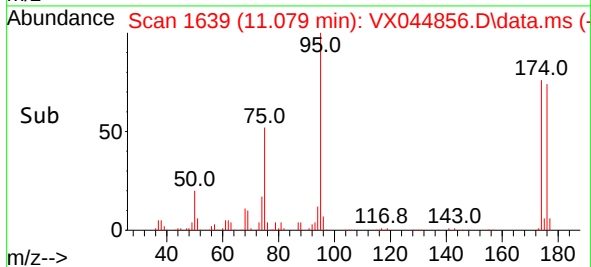
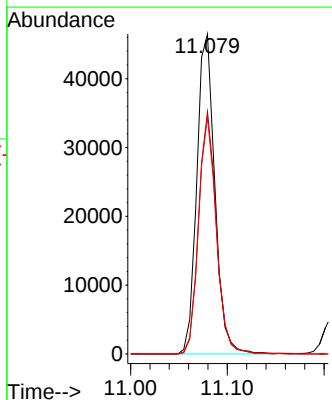
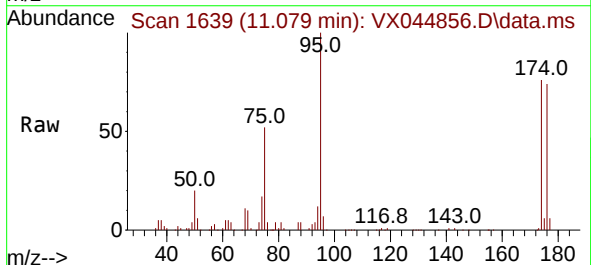
Manual Integrations
APPROVED

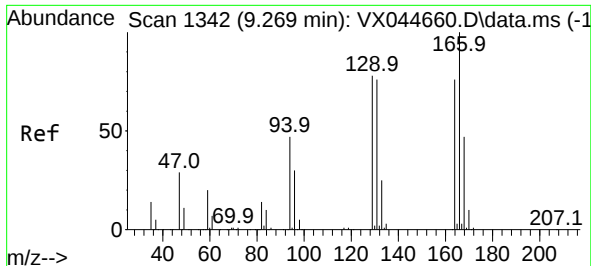
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#60
4-Bromofluorobenzene
Concen: 28.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

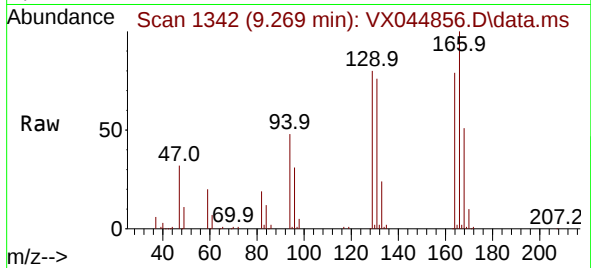
Tgt Ion: 95 Resp: 60460
Ion Ratio Lower Upper
95 100
174 74.4 54.6 81.8
176 72.6 52.8 79.2





#61
Tetrachloroethene
Concen: 20.874 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

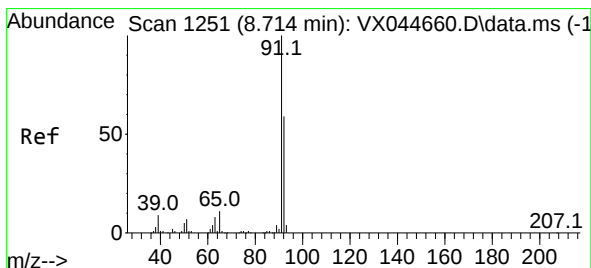
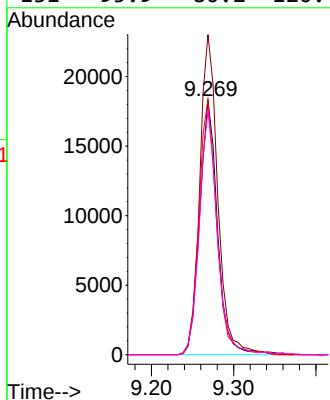
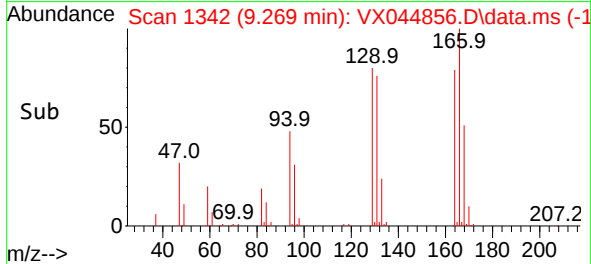
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 27625
Ion Ratio Lower Upper
164 100
166 126.0 105.6 158.4
129 100.7 82.8 124.2
131 95.9 80.2 120.4

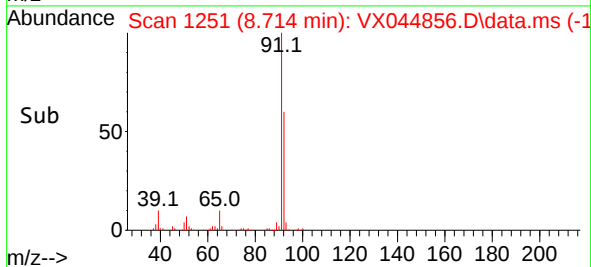
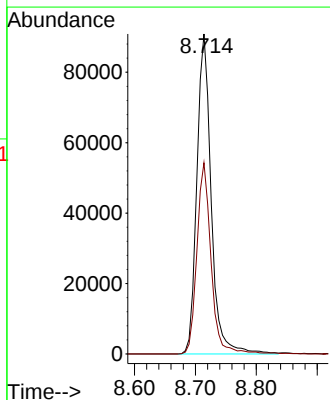
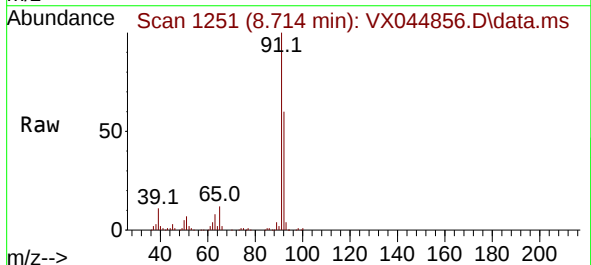
Manual Integrations
APPROVED

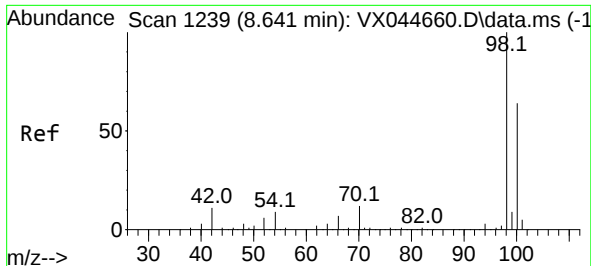
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#62
Toluene
Concen: 20.489 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

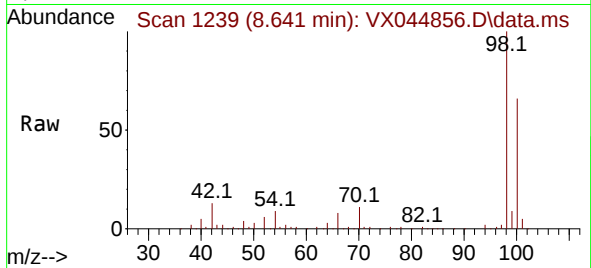
Tgt Ion: 91 Resp: 148843
Ion Ratio Lower Upper
91 100
92 57.9 47.3 70.9





#63
Toluene-d8
Concen: 30.715 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

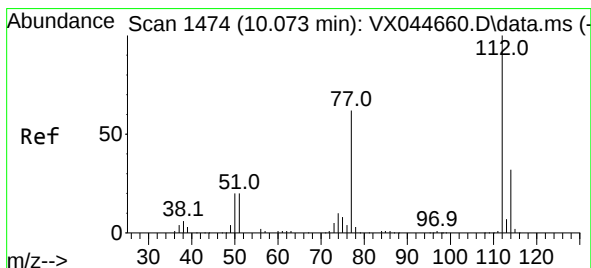
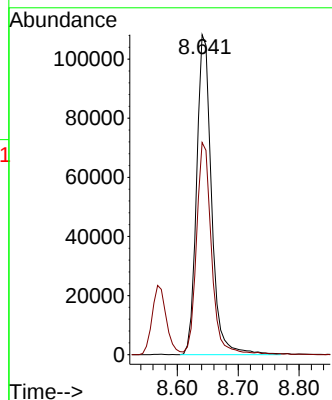
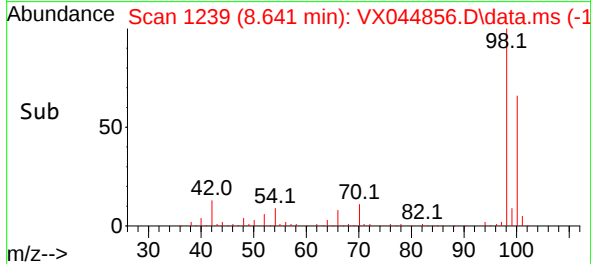
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



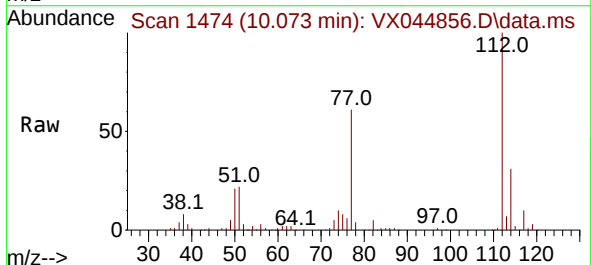
Tgt Ion: 98 Resp: 184300
Ion Ratio Lower Upper
98 100
100 64.7 53.6 80.4

Manual Integrations
APPROVED

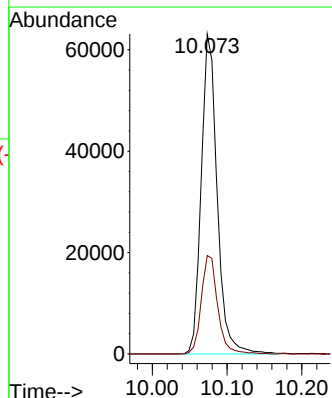
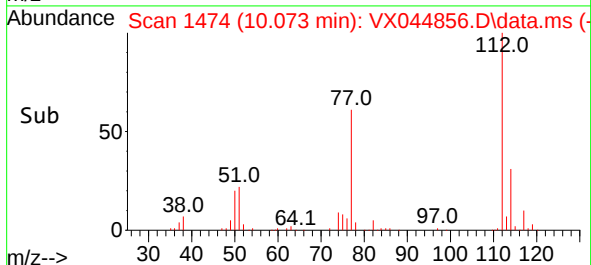
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

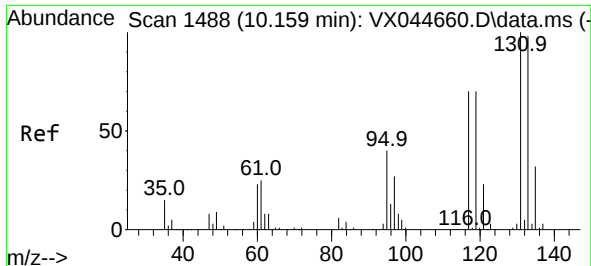


#64
Chlorobenzene
Concen: 20.697 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



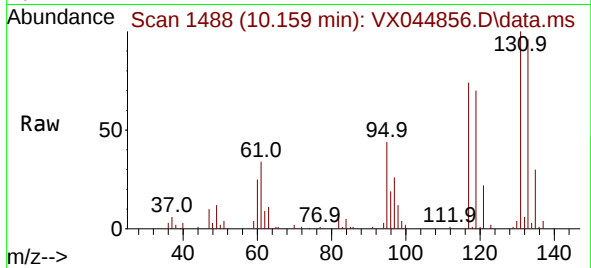
Tgt Ion:112 Resp: 93379
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 18.366 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

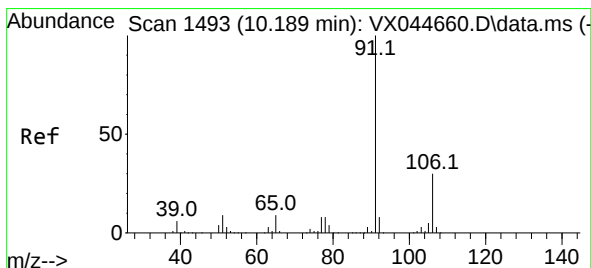
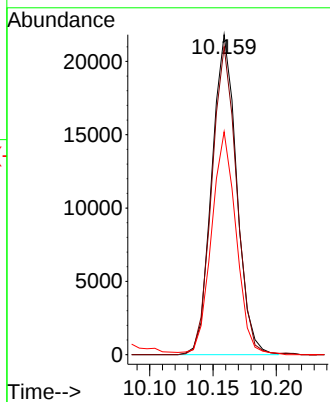
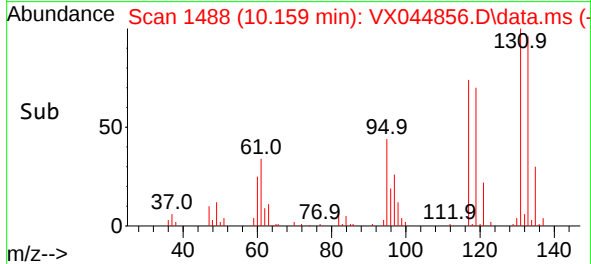
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 29760
Ion Ratio Lower Upper
131 100
133 96.1 0.0 192.4
119 68.7 0.0 133.4

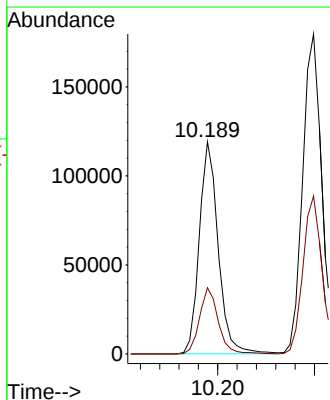
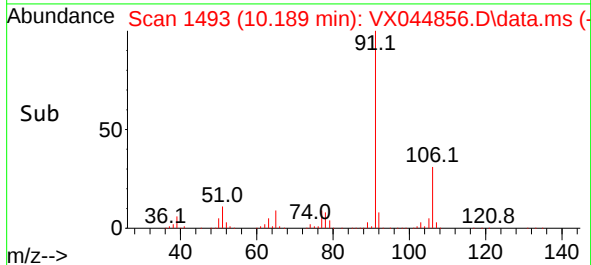
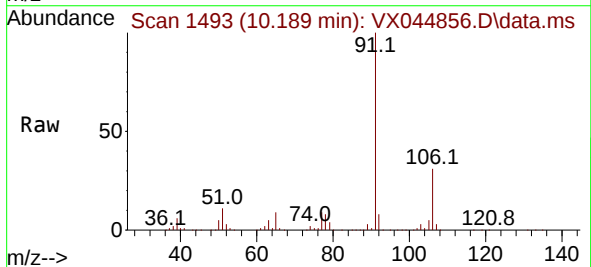
Manual Integrations
APPROVED

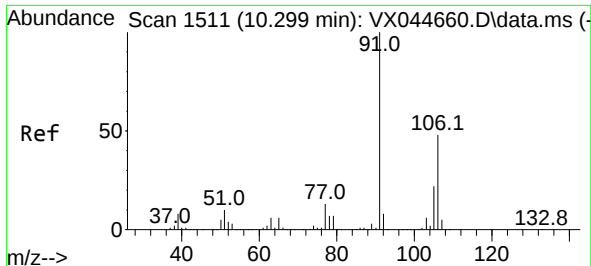
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#66
Ethyl Benzene
Concen: 20.400 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

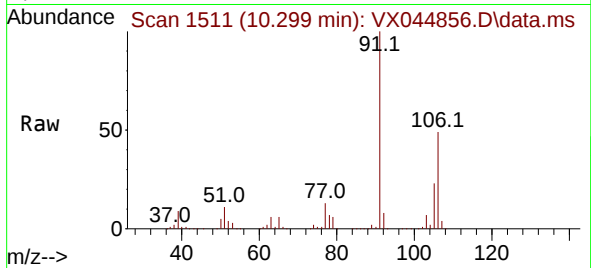
Tgt Ion: 91 Resp: 161727
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0





#67
m/p-Xylenes
Concen: 42.369 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

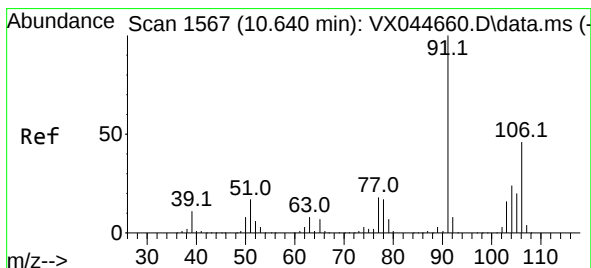
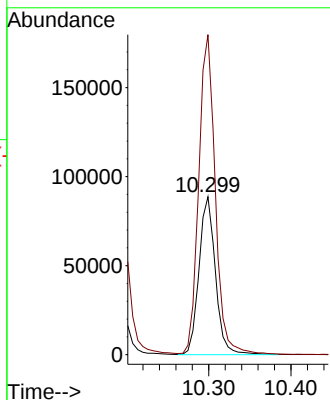
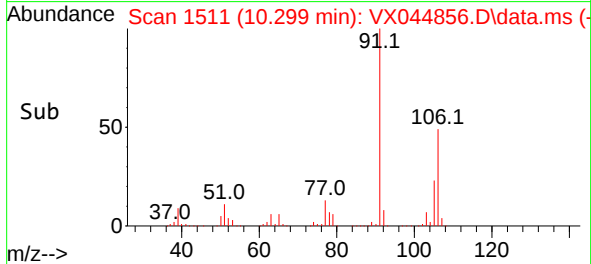
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



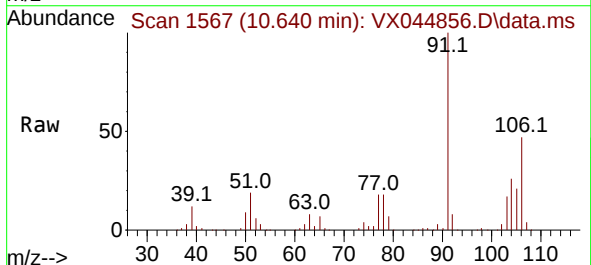
Tgt Ion:106 Resp: 123472
Ion Ratio Lower Upper
106 100
91 203.0 166.8 250.2

Manual Integrations
APPROVED

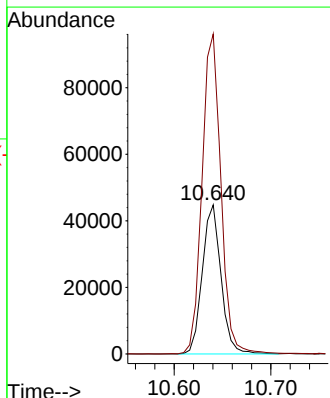
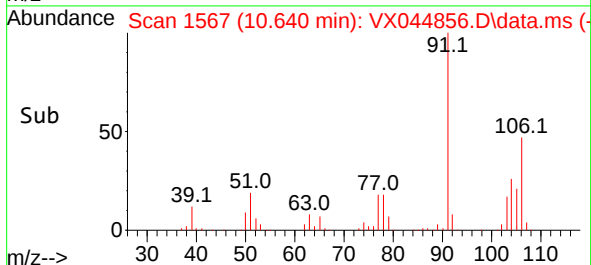
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

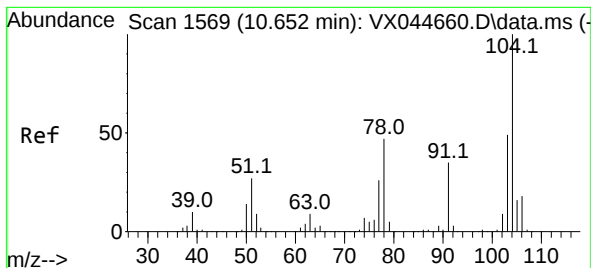


#68
o-Xylene
Concen: 20.637 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



Tgt Ion:106 Resp: 60359
Ion Ratio Lower Upper
106 100
91 216.2 109.7 329.1





#69

Styrene

Concen: 20.547 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

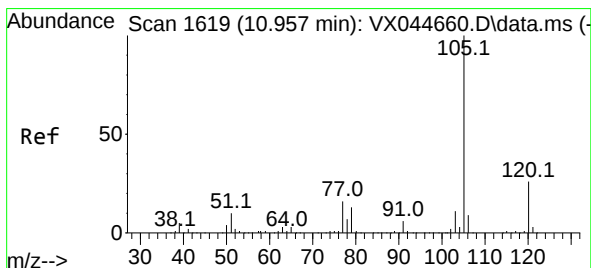
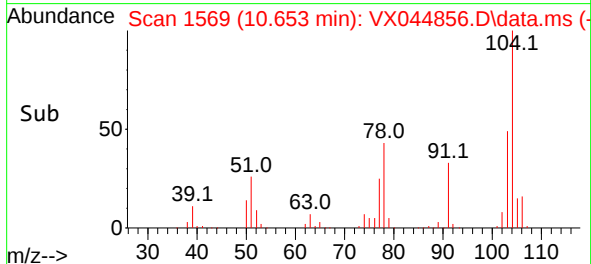
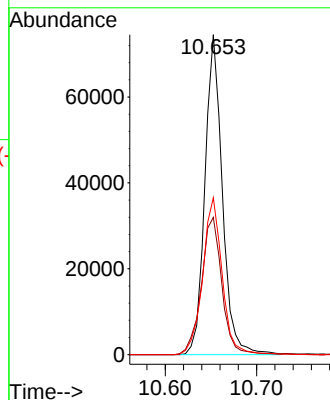
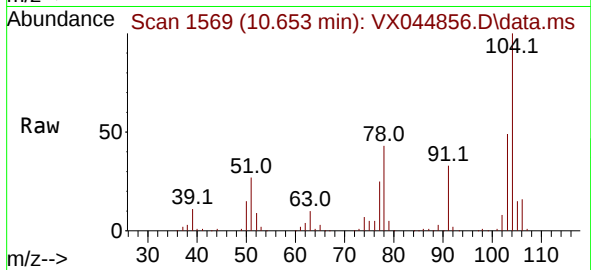
Tgt Ion:104 Resp: 98668
 Ion Ratio Lower Upper
 104 100
 78 50.5 42.0 63.0
 103 54.7 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#70

Isopropylbenzene

Concen: 21.094 ug/l

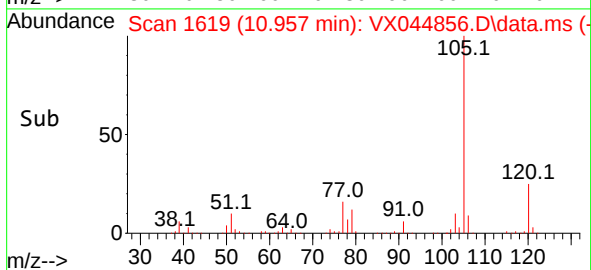
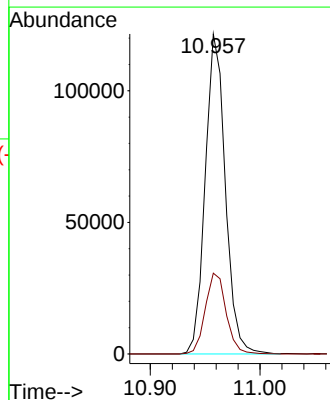
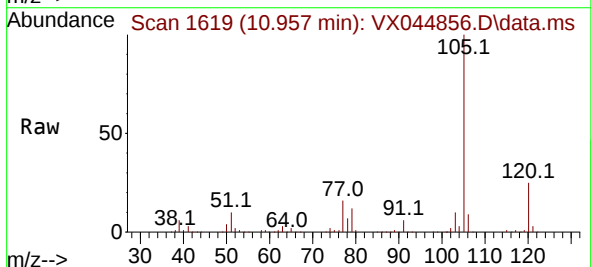
RT: 10.957 min Scan# 1619

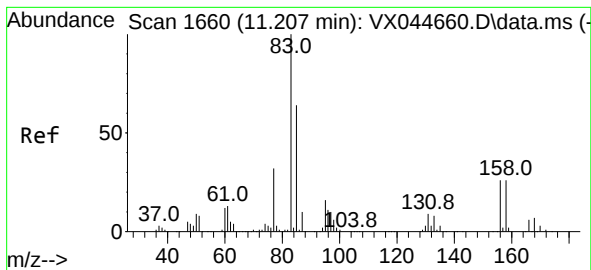
Delta R.T. 0.000 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

Tgt Ion:105 Resp: 155103
 Ion Ratio Lower Upper
 105 100
 120 26.1 18.6 34.6





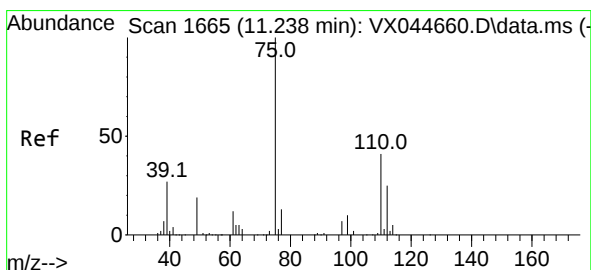
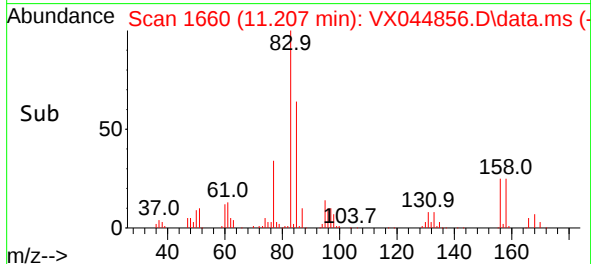
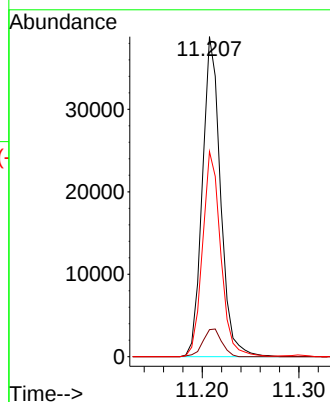
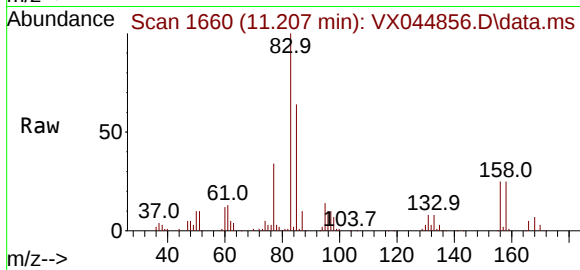
#71
1,1,2,2-Tetrachloroethane
Concen: 20.504 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5068
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 64.2 33.0 99.0

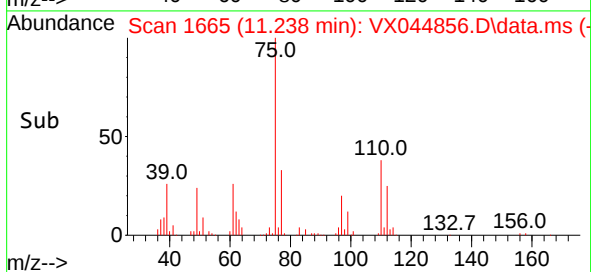
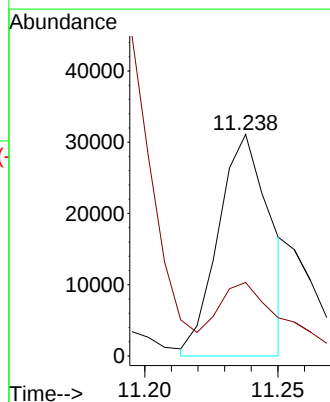
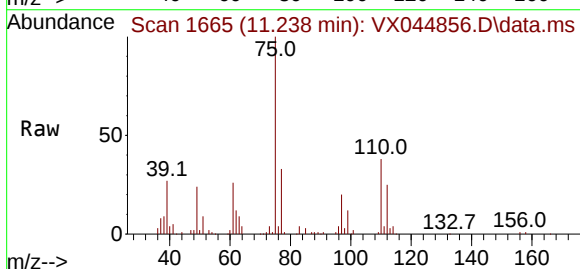
Manual Integrations
APPROVED

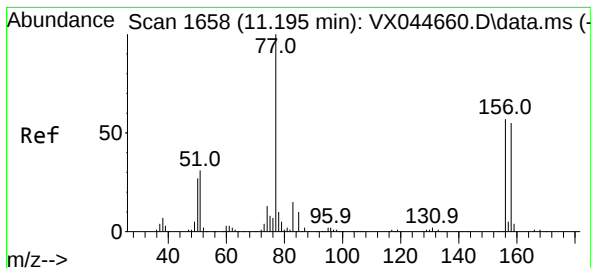
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#72
1,2,3-Trichloropropane
Concen: 20.161 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Tgt Ion: 75 Resp: 41926
Ion Ratio Lower Upper
75 100
77 42.6 0.0 83.0





#73

Bromobenzene

Concen: 19.973 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

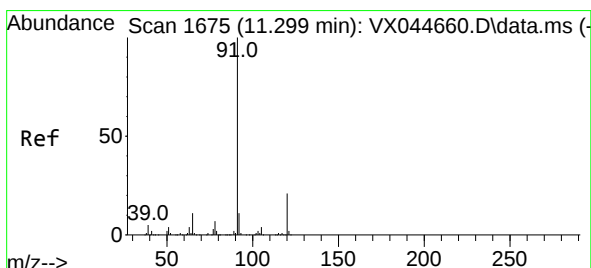
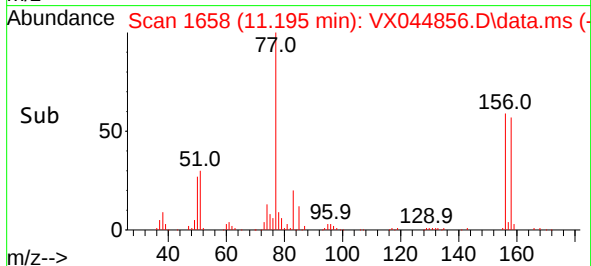
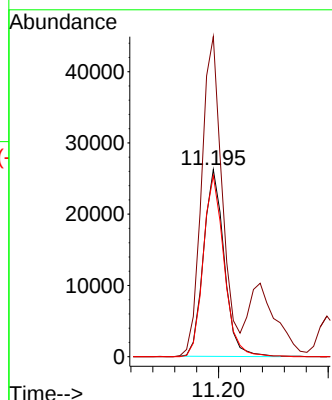
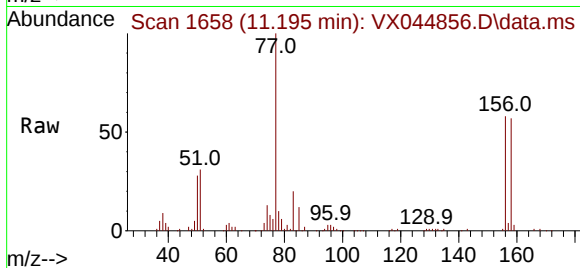
Tgt Ion:	156	Resp:	3421
Ion Ratio	Lower	Upper	
156	100		
77	172.2	0.0	354.6
158	98.0	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#74

n-propylbenzene

Concen: 21.501 ug/l

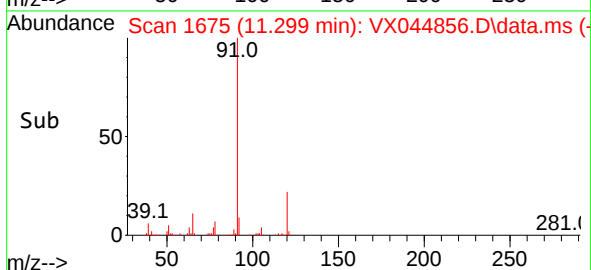
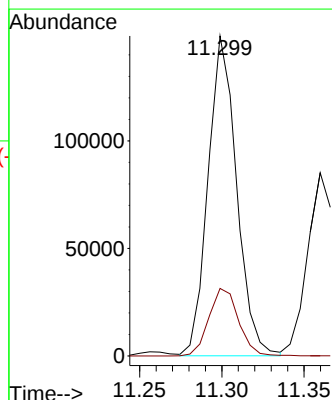
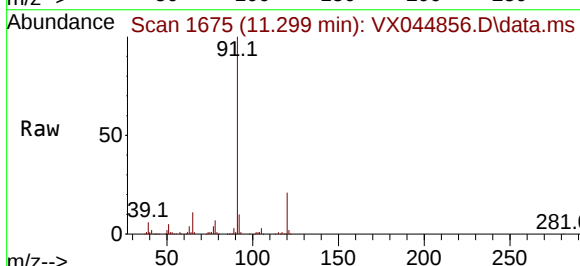
RT: 11.299 min Scan# 1675

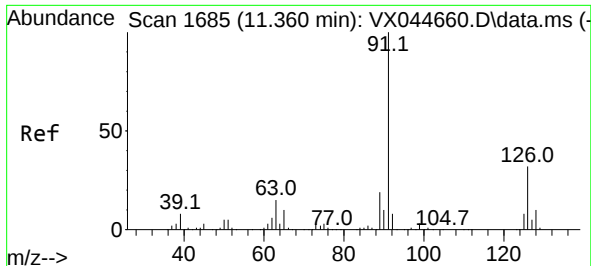
Delta R.T. 0.000 min

Lab File: VX044856.D

Acq: 07 Feb 2025 10:01

Tgt Ion:	91	Resp:	179572
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	45.0





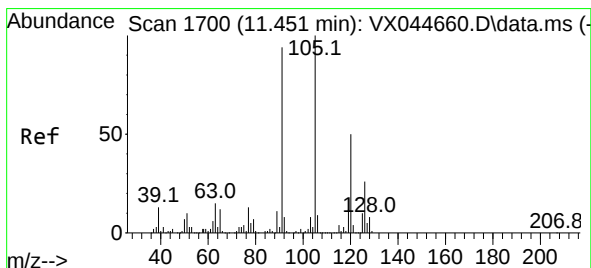
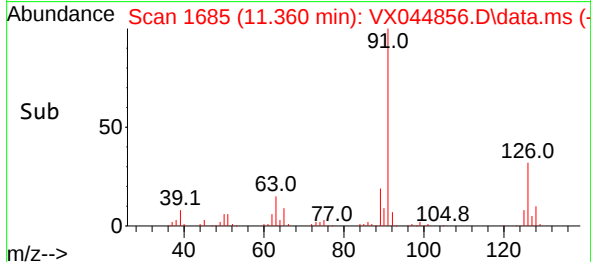
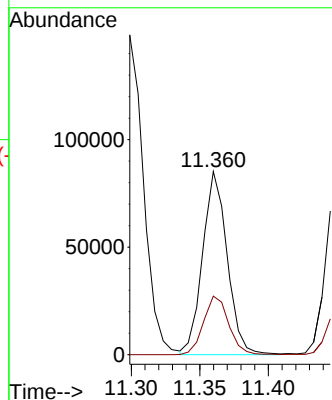
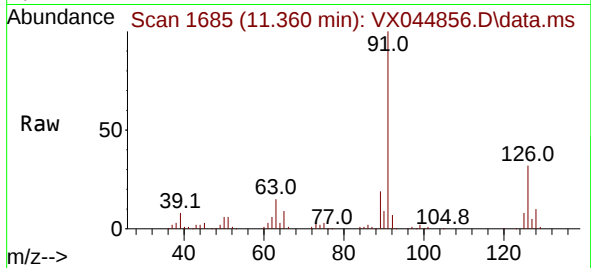
#75
2-Chlorotoluene
Concen: 20.324 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 10671
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.0

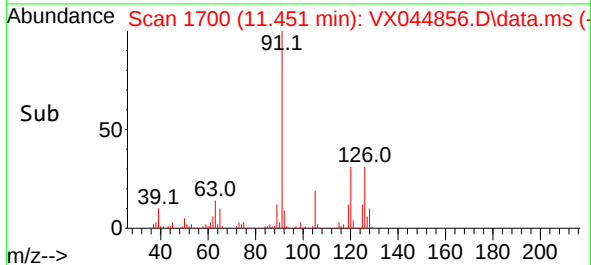
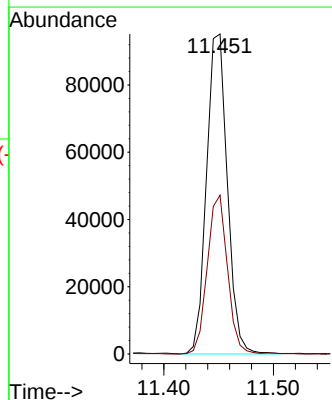
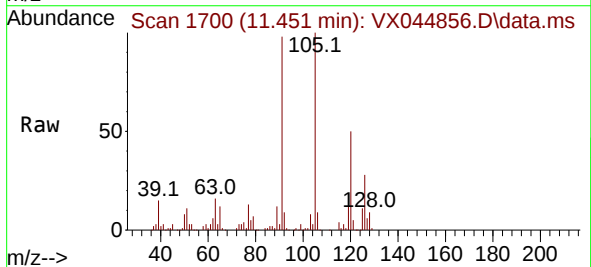
Manual Integrations
APPROVED

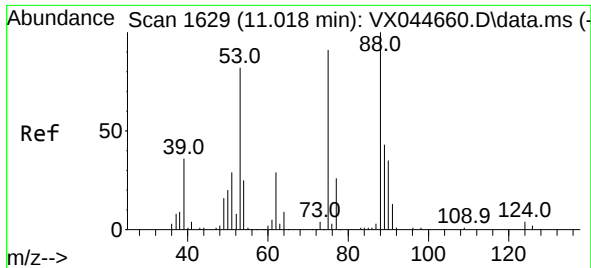
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.029 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

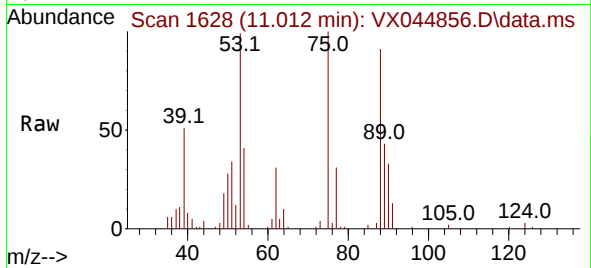
Tgt Ion:105 Resp: 125572
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 15.755 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

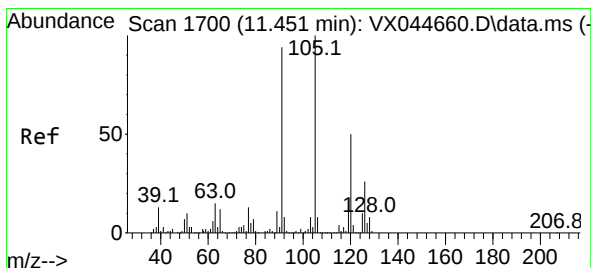
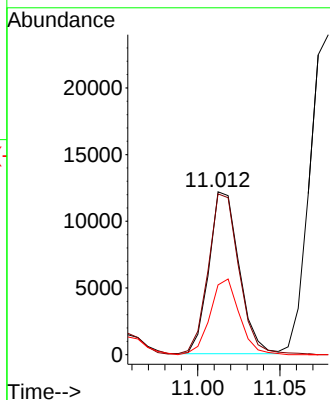
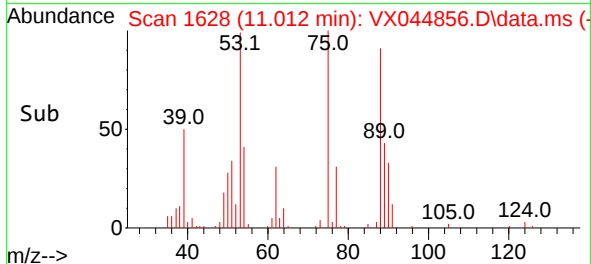
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 15500
Ion Ratio Lower Upper
75 100
53 98.8 45.3 135.9
89 43.1 23.8 71.2

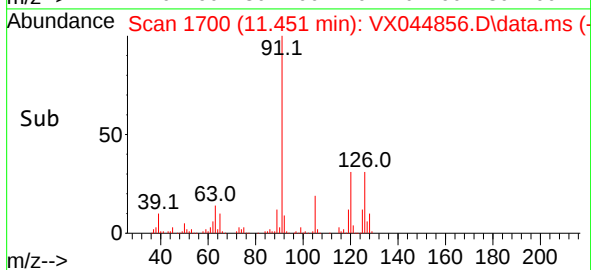
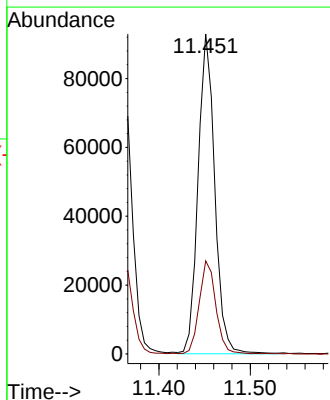
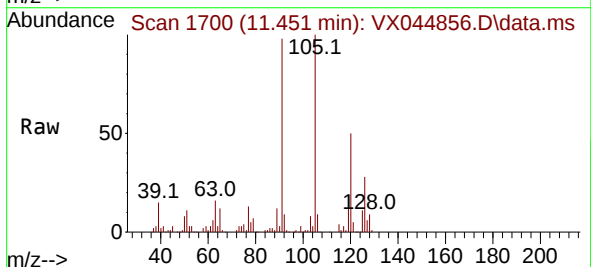
Manual Integrations
APPROVED

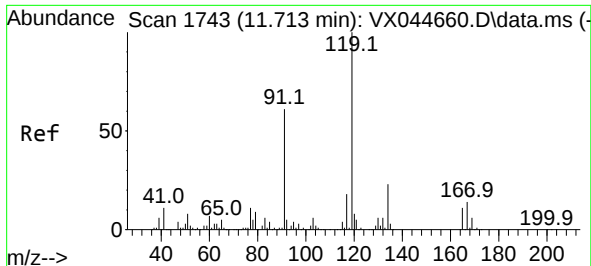
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#78
4-Chlorotoluene
Concen: 20.313 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

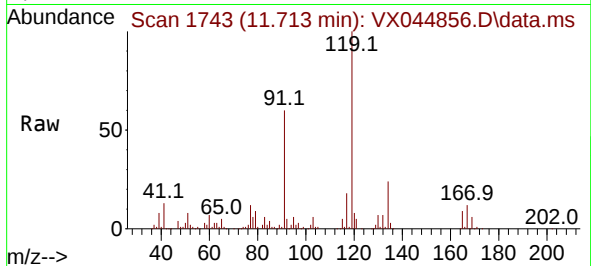
Tgt Ion: 91 Resp: 117523
Ion Ratio Lower Upper
91 100
126 28.7 0.0 55.4





#79
tert-butylbenzene
Concen: 20.617 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

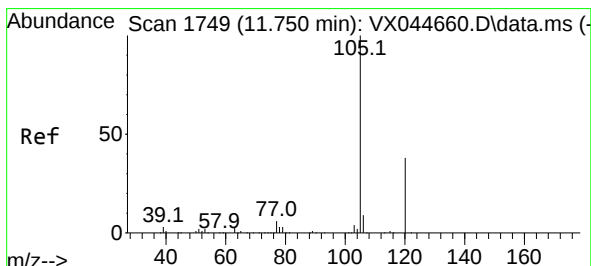
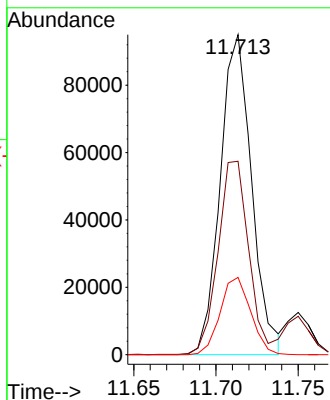
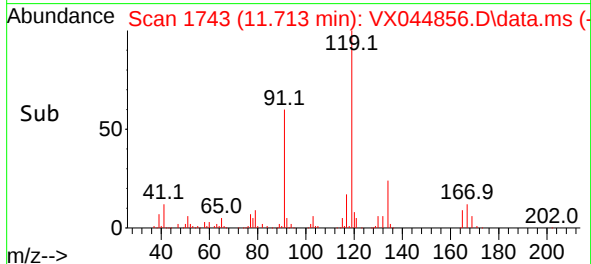
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 126472
Ion Ratio Lower Upper
119 100
91 58.8 0.0 119.0
134 23.5 0.0 44.8

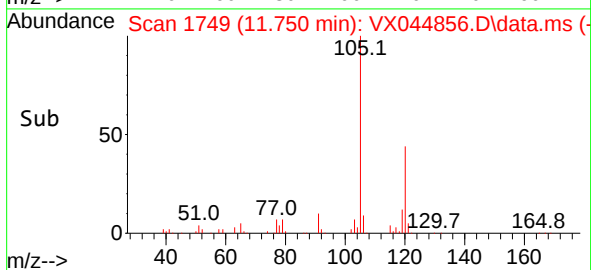
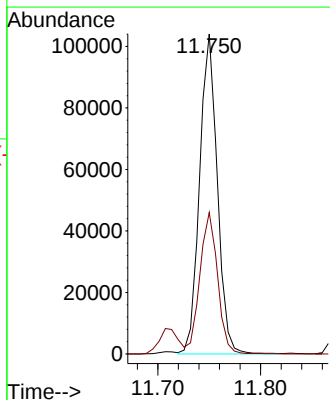
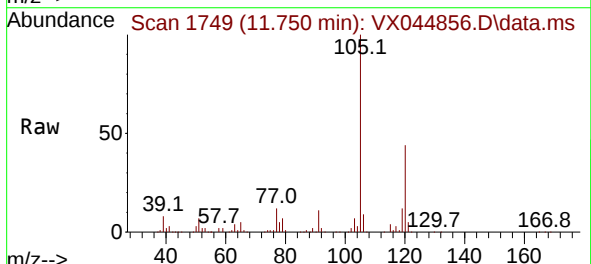
Manual Integrations
APPROVED

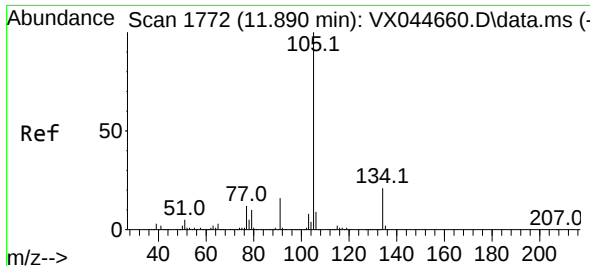
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.698 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

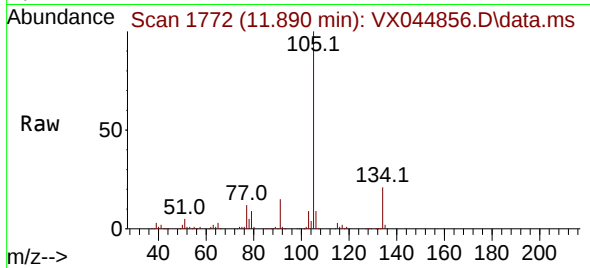
Tgt Ion:105 Resp: 124696
Ion Ratio Lower Upper
105 100
120 43.9 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 21.482 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01

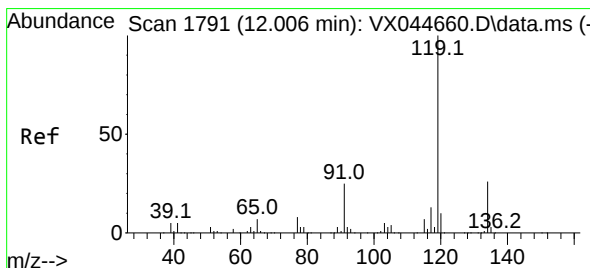
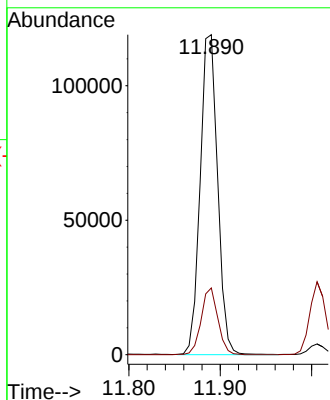
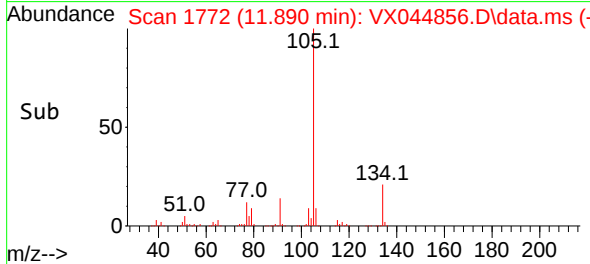
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



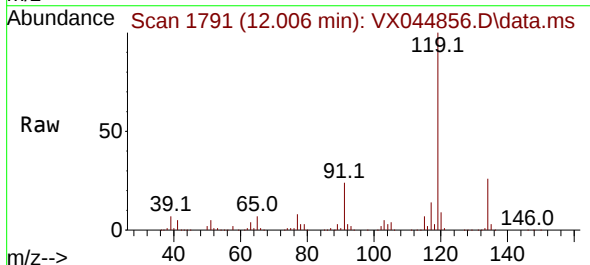
Tgt Ion:105 Resp: 157354
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.6

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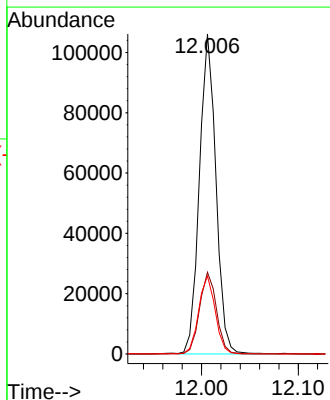
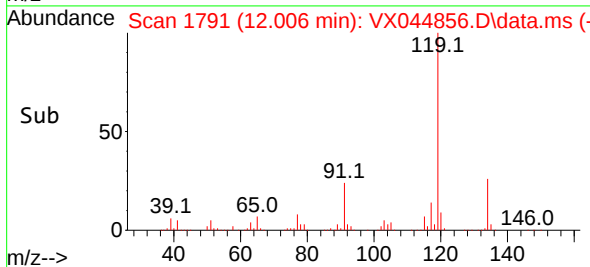
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025

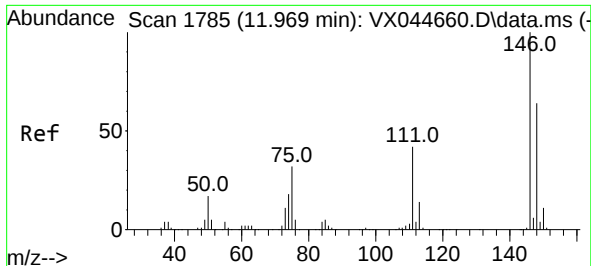


#82
 p-Isopropyltoluene
 Concen: 20.962 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044856.D
 Acq: 07 Feb 2025 10:01



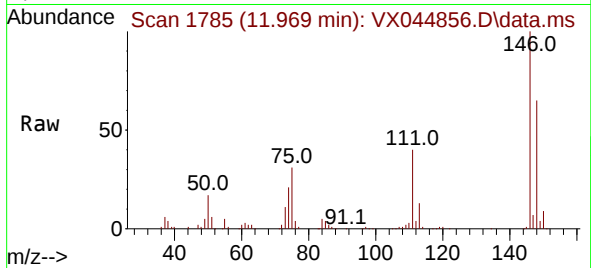
Tgt Ion:119 Resp: 126371
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.2
 91 24.3 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 20.374 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

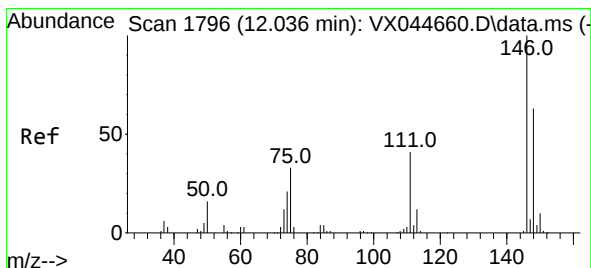
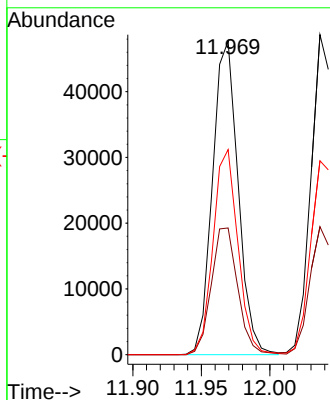
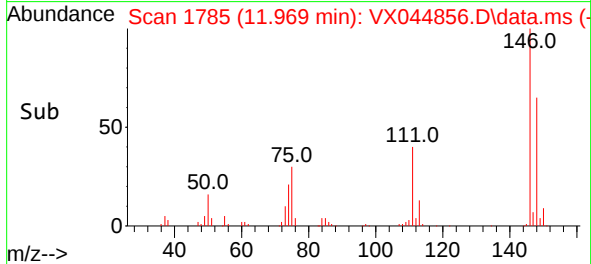
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



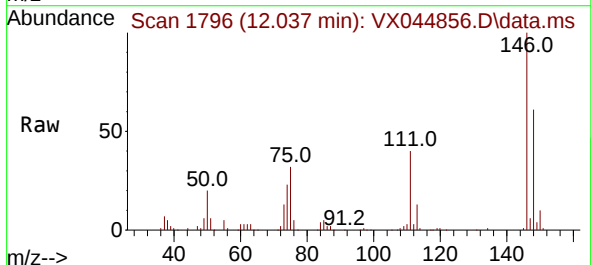
Tgt Ion:146 Resp: 6198
Ion Ratio Lower Upper
146 100
111 41.8 21.6 64.6
148 63.6 31.6 94.7

Manual Integrations
APPROVED

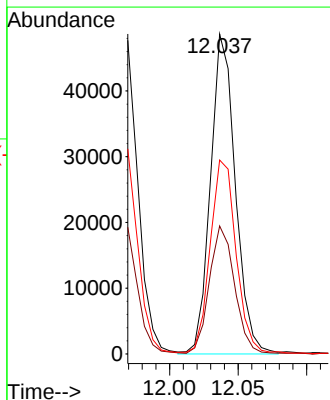
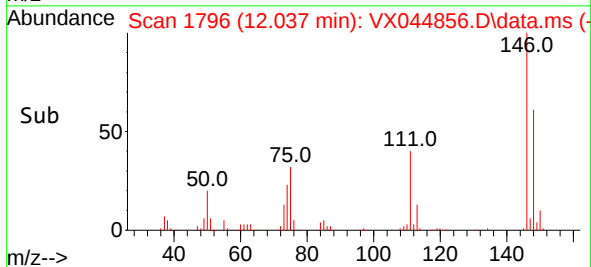
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

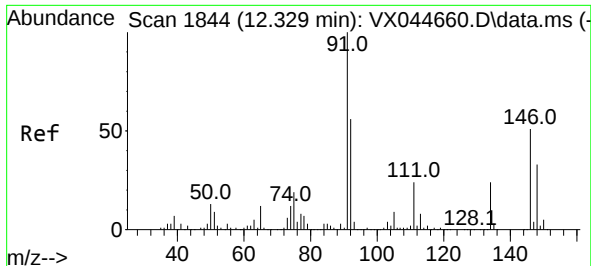


#84
1,4-Dichlorobenzene
Concen: 20.602 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



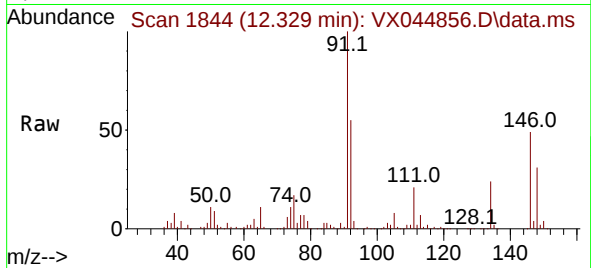
Tgt Ion:146 Resp: 61448
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.5
148 61.7 32.1 96.5





#85
n-Butylbenzene
Concen: 21.247 ug/l
RT: 12.329 min Scan# 111034
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

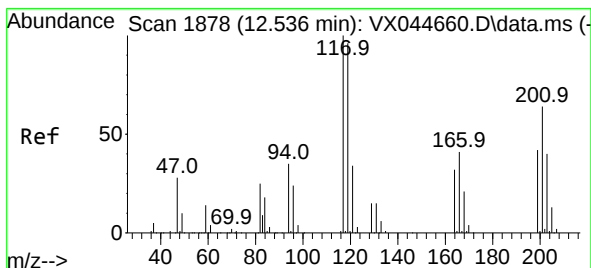
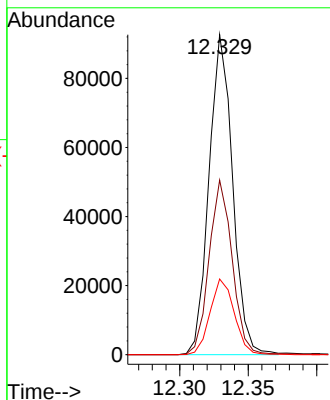
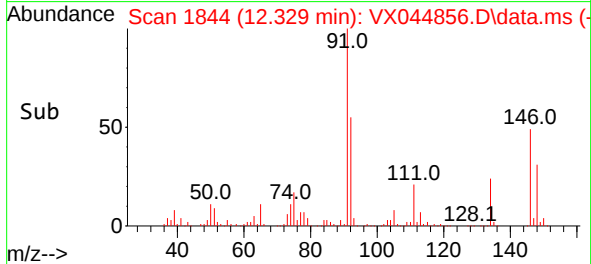
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 111034
Ion Ratio Lower Upper
91 100
92 53.6 0.0 109.4
134 24.3 0.0 49.2

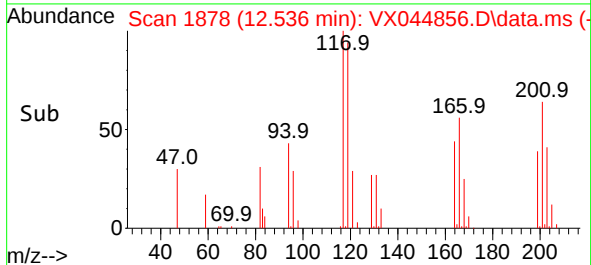
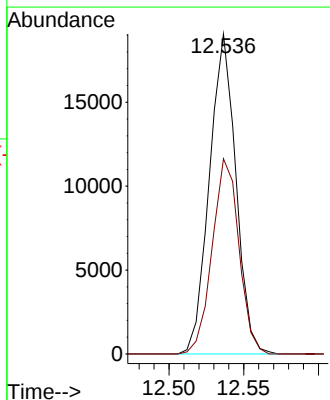
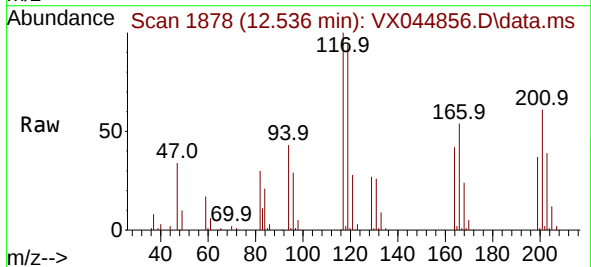
Manual Integrations
APPROVED

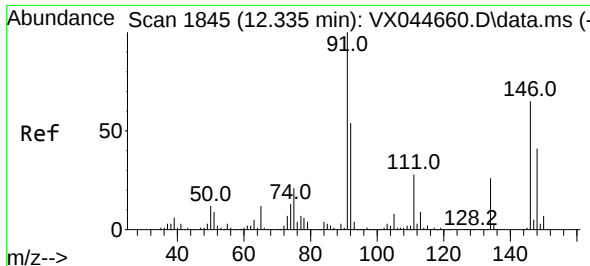
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#86
Hexachloroethane
Concen: 17.682 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

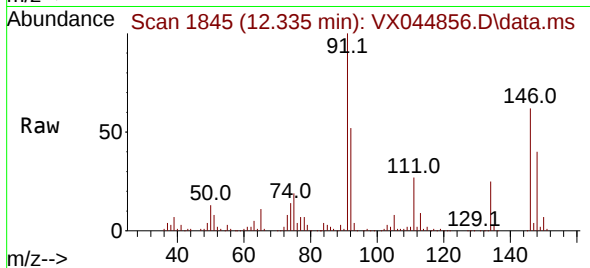
Tgt Ion:117 Resp: 23450
Ion Ratio Lower Upper
117 100
201 61.7 33.0 98.9





#87
1,2-Dichlorobenzene
Concen: 20.124 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

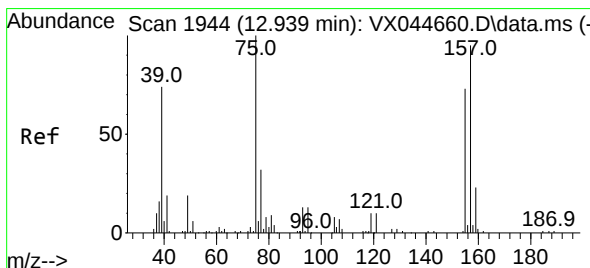
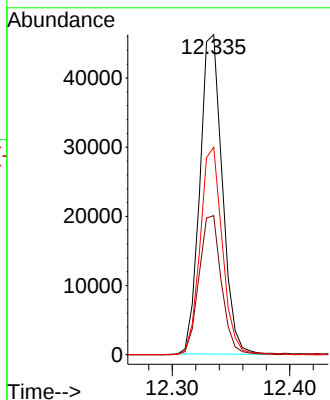
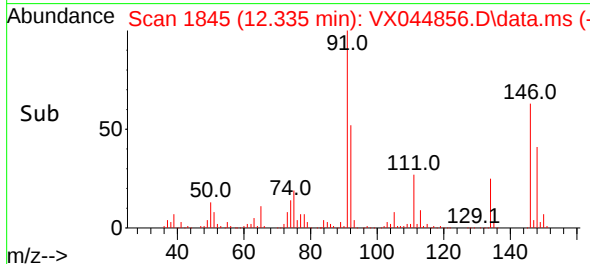
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 6114
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 63.7 32.1 96.3

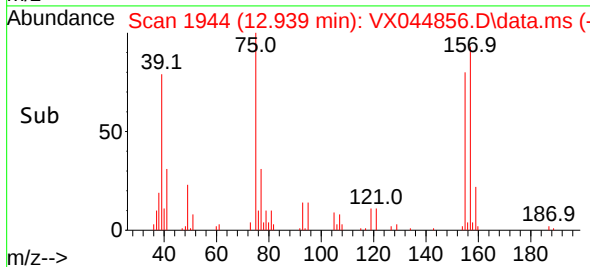
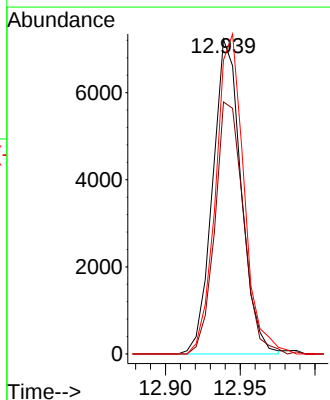
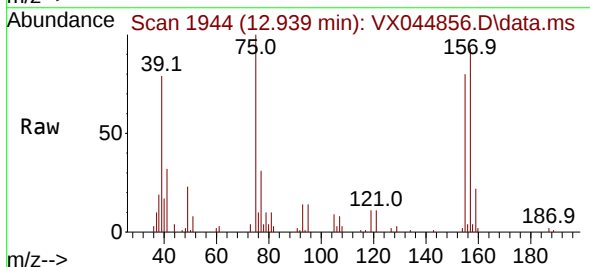
Manual Integrations
APPROVED

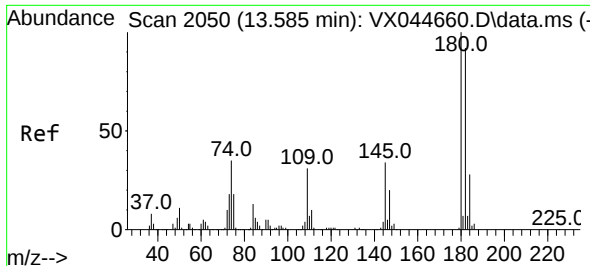
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.066 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

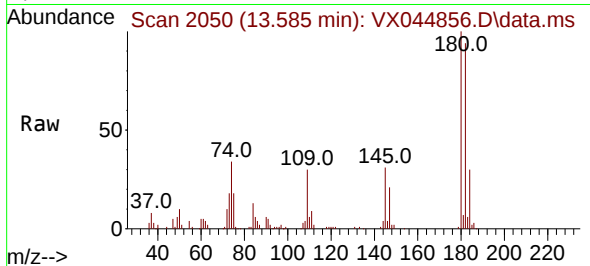
Tgt Ion: 75 Resp: 9565
Ion Ratio Lower Upper
75 100
155 80.3 62.3 93.5
157 100.4 79.9 119.9





#89
1,2,4-Trichlorobenzene
Concen: 18.900 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

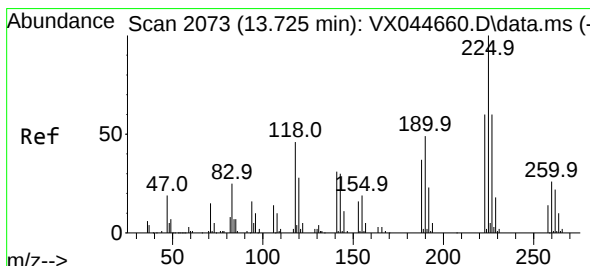
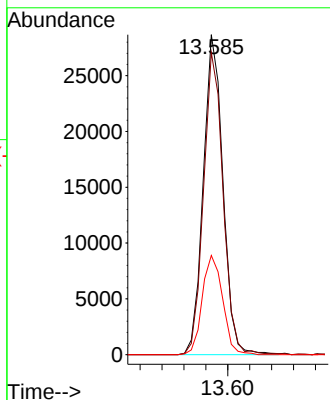
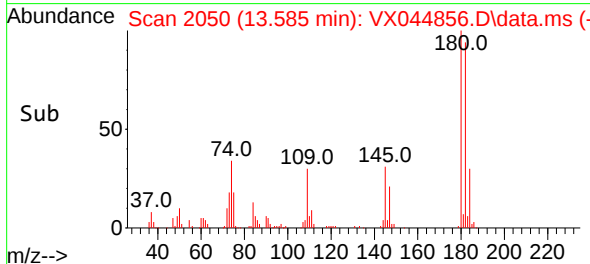
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 3568
Ion Ratio Lower Upper
180 100
182 93.0 75.6 113.4
145 32.1 26.6 40.0

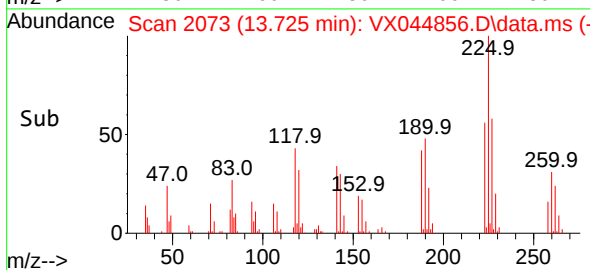
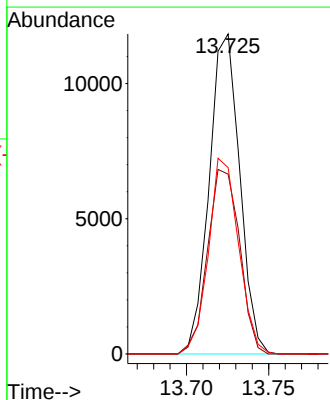
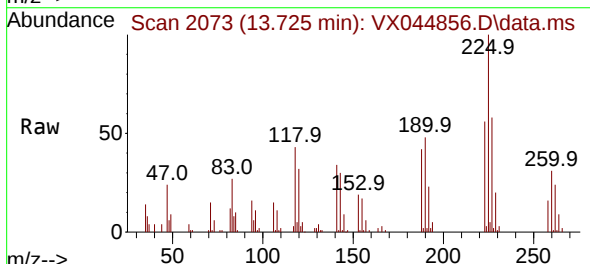
Manual Integrations
APPROVED

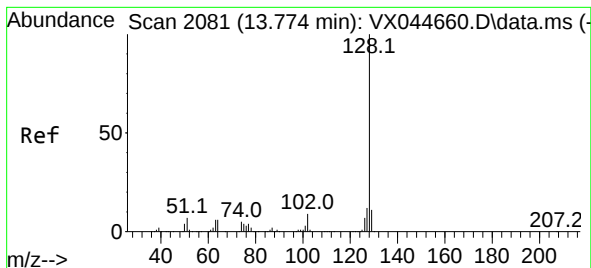
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#90
Hexachlorobutadiene
Concen: 20.914 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

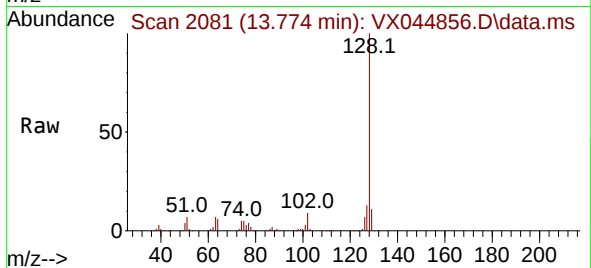
Tgt Ion:225 Resp: 15274
Ion Ratio Lower Upper
225 100
223 60.5 0.0 123.0
227 60.5 0.0 124.2





#91
Naphthalene
Concen: 18.722 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01

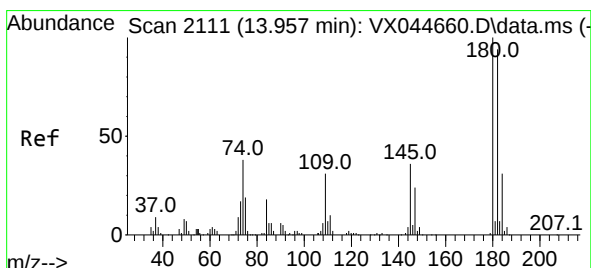
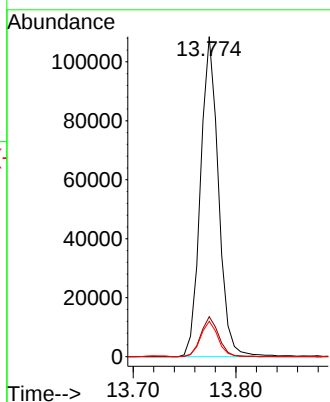
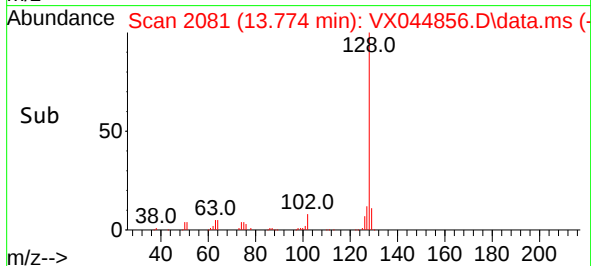
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



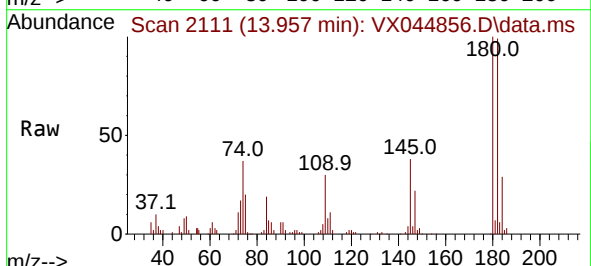
Tgt Ion:128 Resp: 132248
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.7 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.912 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044856.D
Acq: 07 Feb 2025 10:01



Tgt Ion:180 Resp: 36318
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.8
145 34.5 0.0 69.8

