

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044606.D
 Acq On : 07 Jan 2025 16:57
 Operator : JC/MD
 Sample : VX0107WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS02

Quant Time: Jan 08 05:55:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	220733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	377450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	324333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	178695	50.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.420%
35) Dibromofluoromethane	5.379	113	125576	48.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.641	98	435468	49.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	157465	50.462	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60506	18.945	ug/l	97
3) Chloromethane	1.295	50	55002	17.282	ug/l	97
4) Vinyl Chloride	1.374	62	54350	18.203	ug/l	99
5) Bromomethane	1.593	94	27787	17.967	ug/l	98
6) Chloroethane	1.666	64	30070	17.605	ug/l	98
7) Trichlorofluoromethane	1.874	101	86604	19.480	ug/l	92
8) Diethyl Ether	2.130	74	32020	20.384	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	46890	18.396	ug/l	98
10) Methyl Iodide	2.447	142	59649	16.782	ug/l	99
11) Tert butyl alcohol	2.983	59	44363	101.228	ug/l	99
12) 1,1-Dichloroethene	2.313	96	43673	17.686	ug/l	96
13) Acrolein	2.233	56	54760	94.504	ug/l	96
14) Allyl chloride	2.660	41	74088	18.040	ug/l	98
15) Acrylonitrile	3.062	53	124308	98.487	ug/l	99
16) Acetone	2.380	43	123615	110.199	ug/l	99
17) Carbon Disulfide	2.502	76	89917	17.610	ug/l	97
18) Methyl Acetate	2.697	43	66752	20.161	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	158707	18.754	ug/l	98
20) Methylene Chloride	2.782	84	50182	17.535	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	45171	17.823	ug/l	94
22) Diisopropyl ether	3.757	45	156543	18.542	ug/l	100
23) Vinyl Acetate	3.715	43	671174	98.313	ug/l	100
24) 1,1-Dichloroethane	3.599	63	88317	17.953	ug/l	96
25) 2-Butanone	4.556	43	176234	108.846	ug/l	98
26) 2,2-Dichloropropane	4.465	77	78234	18.394	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	54462	17.624	ug/l	99
28) Bromochloromethane	4.891	49	42280	18.464	ug/l	97
29) Tetrahydrofuran	5.001	42	111343	100.421	ug/l	99
30) Chloroform	5.080	83	94379	17.797	ug/l	98
31) Cyclohexane	5.464	56	73605	18.224	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	84469	18.926	ug/l	99
36) 1,1-Dichloropropene	5.678	75	59615	17.813	ug/l	99
37) Ethyl Acetate	4.709	43	68748	20.080	ug/l	99
38) Carbon Tetrachloride	5.666	117	66584	17.931	ug/l	94
39) Methylcyclohexane	7.373	83	79915	18.714	ug/l	96
40) Benzene	6.031	78	185689	17.621	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36179	19.687	ug/l	97
42) 1,2-Dichloroethane	6.080	62	77836	18.887	ug/l	99
43) Isopropyl Acetate	6.336	43	112810	19.972	ug/l	99
44) Trichloroethene	7.117	130	45250	16.798	ug/l	91
45) 1,2-Dichloropropane	7.428	63	46312	18.026	ug/l	100
46) Dibromomethane	7.574	93	36722	18.379	ug/l	97
47) Bromodichloromethane	7.818	83	67673	18.612	ug/l	97
48) Methyl methacrylate	7.690	41	56864	21.108	ug/l	99
49) 1,4-Dioxane	7.665	88	17140	432.961	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	344130	104.227	ug/l	99
52) Toluene	8.714	92	116712	18.356	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67077	19.300	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	72482	18.556	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	45623	18.303	ug/l	98
56) Ethyl methacrylate	9.116	69	71741	19.791	ug/l	98
57) 1,3-Dichloropropane	9.305	76	78769	18.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	157231	87.493	ug/l	98
59) 2-Hexanone	9.427	43	253622	108.615	ug/l	100
60) Dibromochloromethane	9.519	129	45815	18.434	ug/l	99
61) 1,2-Dibromoethane	9.604	107	47065	18.696	ug/l	99
64) Tetrachloroethene	9.269	164	39764	17.340	ug/l	95
65) Chlorobenzene	10.073	112	125819	18.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	42891	18.761	ug/l	98
67) Ethyl Benzene	10.189	91	222270	18.804	ug/l	99
68) m/p-Xylenes	10.299	106	165085	38.006	ug/l	99
69) o-Xylene	10.640	106	80120	18.274	ug/l	99
70) Styrene	10.653	104	132817	18.940	ug/l	98
71) Bromoform	10.799	173	26348	17.838	ug/l #	99
73) Isopropylbenzene	10.957	105	213335	17.230	ug/l	100
74) N-amyl acetate	10.842	43	91220	18.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	68139	17.074	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59055m	17.628	ug/l	
77) Bromobenzene	11.195	156	49329	16.401	ug/l	99
78) n-propylbenzene	11.299	91	239201	17.152	ug/l	100
79) 2-Chlorotoluene	11.360	91	147621	16.335	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	178900	17.427	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18148	16.490	ug/l	95
82) 4-Chlorotoluene	11.451	91	169363	16.659	ug/l	98
83) tert-Butylbenzene	11.713	119	200140	19.579	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	199250	19.322	ug/l	98
85) sec-Butylbenzene	11.890	105	236525	18.999	ug/l	99
86) p-Isopropyltoluene	12.006	119	199894	19.136	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	100552	18.480	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	100929	17.804	ug/l	99
89) n-Butylbenzene	12.329	91	166838	18.915	ug/l	98
90) Hexachloroethane	12.536	117	27835	16.588	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	100486	18.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13803	18.244	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	56878	17.601	ug/l	99
94) Hexachlorobutadiene	13.725	225	24088	17.902	ug/l	98
95) Naphthalene	13.774	128	201646	19.340	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62675	18.973	ug/l	98

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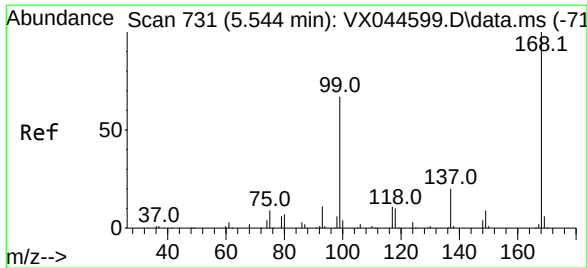
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/08/2025

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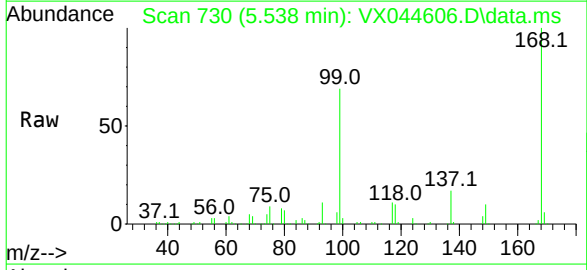
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044606.D
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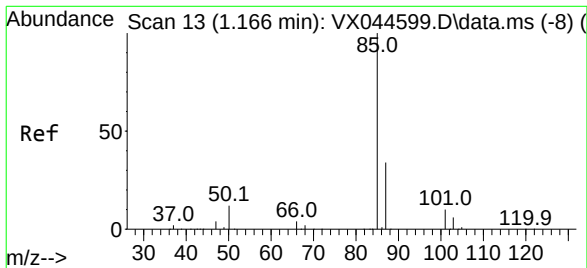
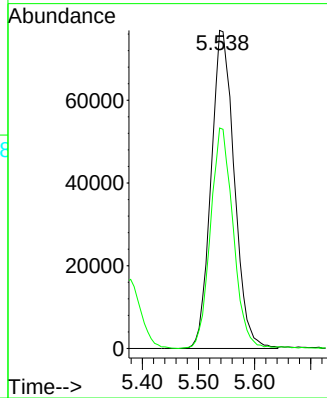
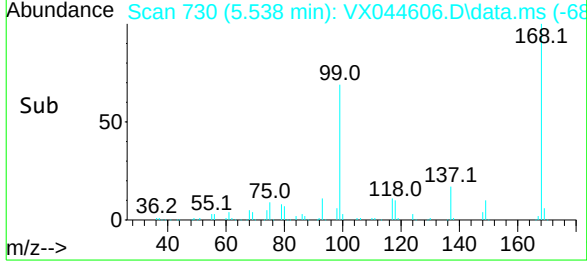
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion:168 Resp: 220733
Ion Ratio Lower Upper
168 100
99 69.3 53.5 80.3

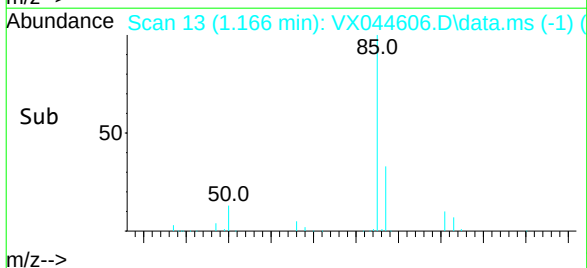
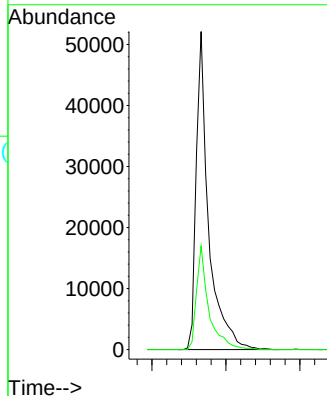
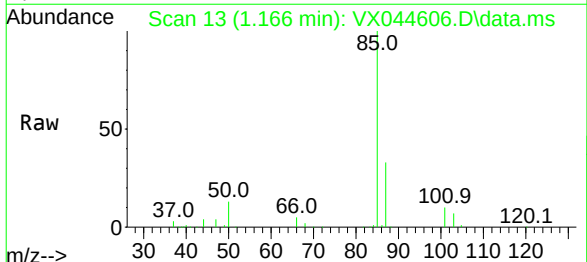
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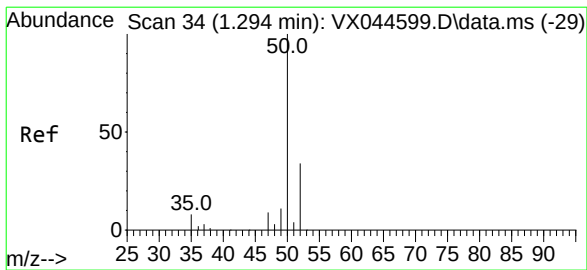
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#2
Dichlorodifluoromethane
Concen: 18.945 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 85 Resp: 60506
Ion Ratio Lower Upper
85 100
87 32.6 17.2 51.5





#3

Chloromethane

Concen: 17.282 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion: 50 Resp: 55002

Ion Ratio Lower Upper

50 100

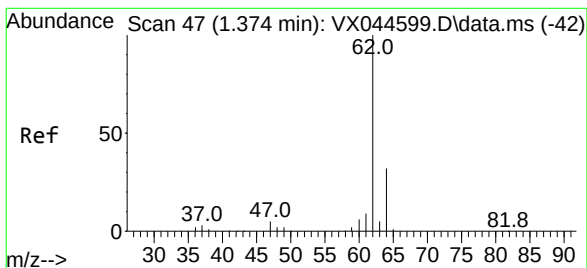
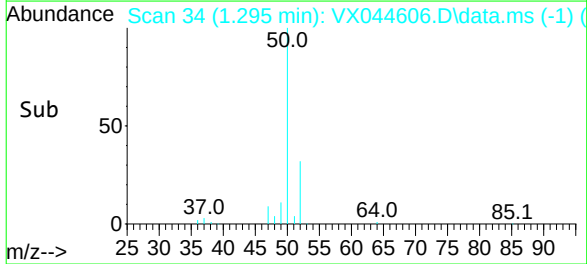
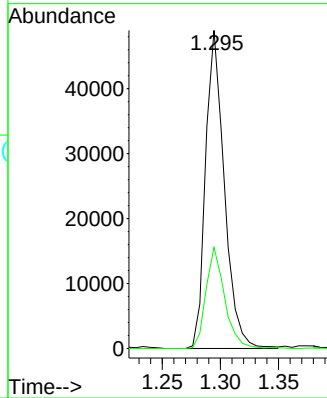
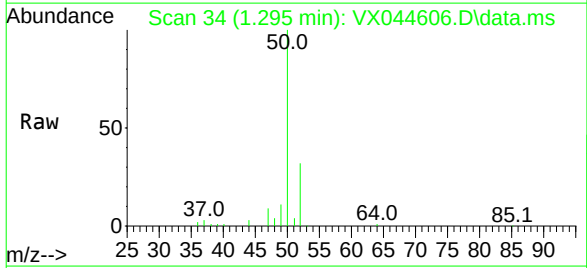
52 31.8 27.0 40.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/08/2025



#4

Vinyl Chloride

Concen: 18.203 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044606.D

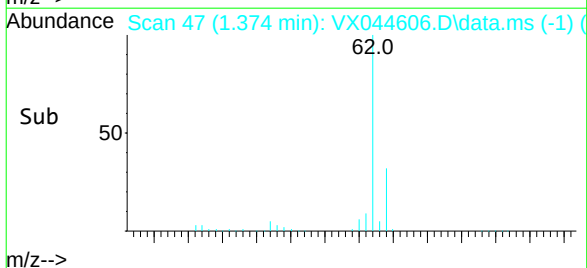
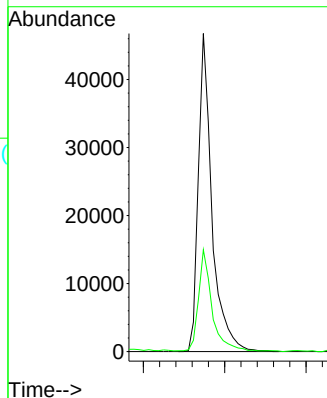
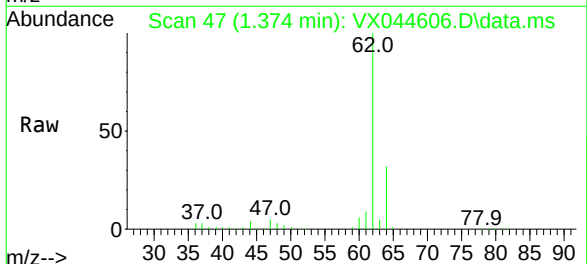
Acq: 07 Jan 2025 16:57

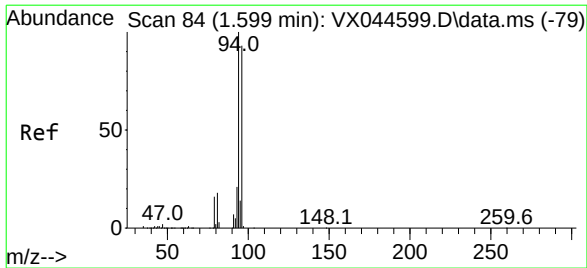
Tgt Ion: 62 Resp: 54350

Ion Ratio Lower Upper

62 100

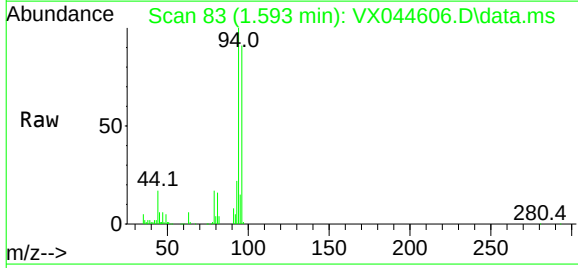
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 17.967 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX044606.D
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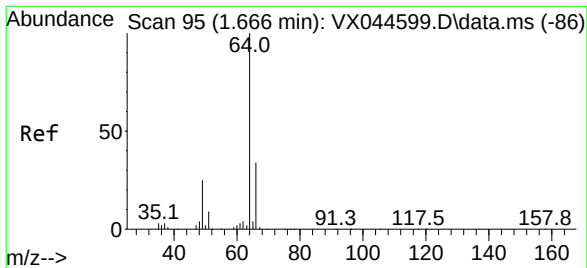
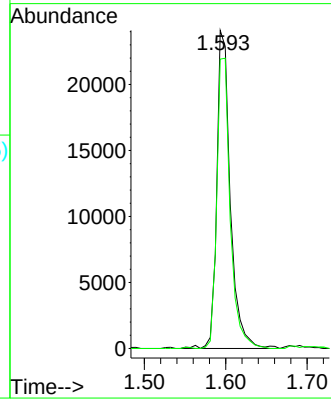
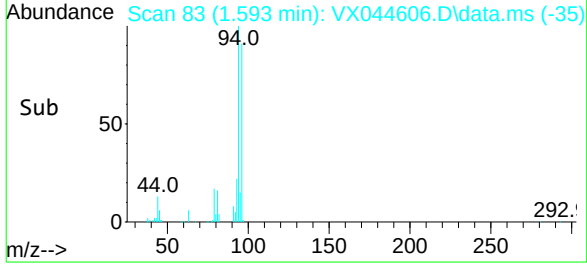
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 27787
Ion Ratio Lower Upper
94 100
96 91.0 74.6 112.0

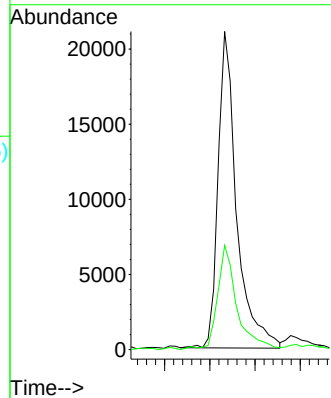
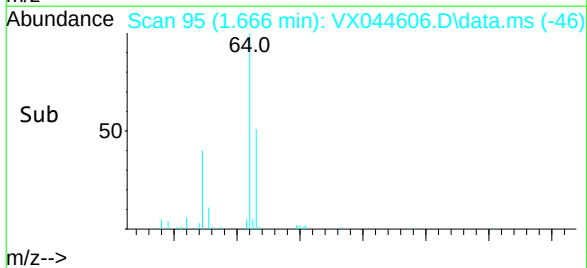
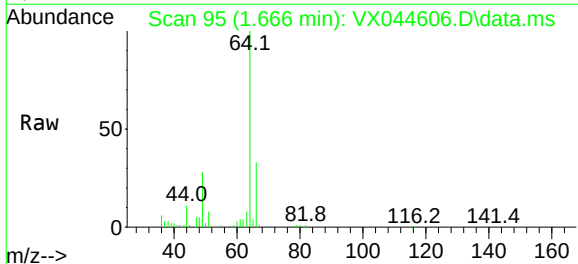
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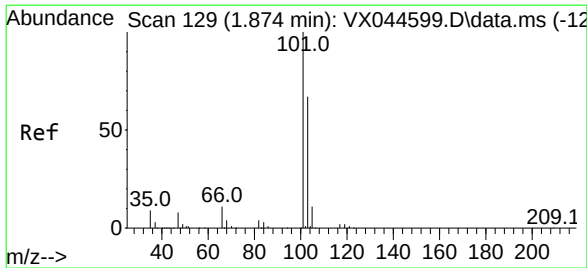
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#6
Chloroethane
Concen: 17.605 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 64 Resp: 30070
Ion Ratio Lower Upper
64 100
66 32.9 27.3 40.9





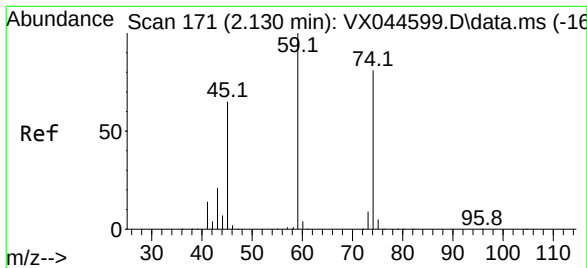
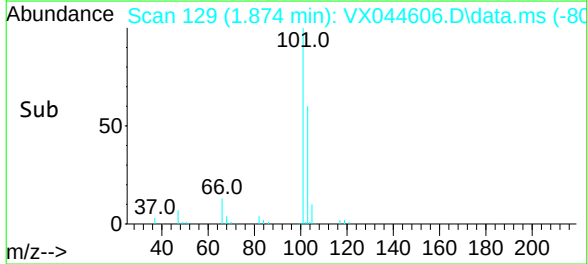
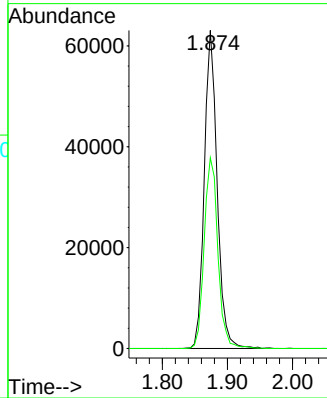
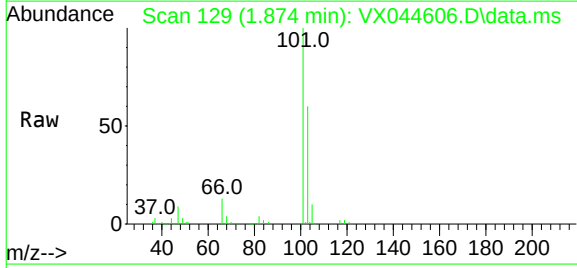
#7
 Trichlorofluoromethane
 Concen: 19.480 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: VX044606.D
 Acq: 07 Jan 2025 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS02

Tgt Ion:101 Resp: 86604
 Ion Ratio Lower Upper
 101 100
 103 60.0 53.3 79.9

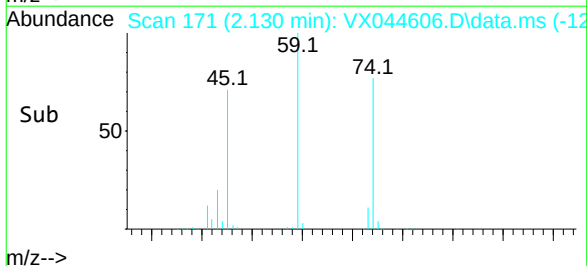
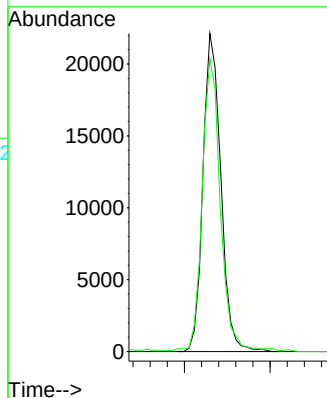
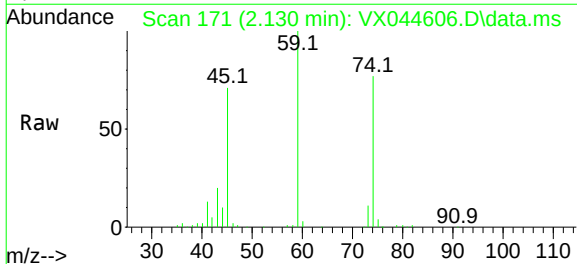
Manual Integrations
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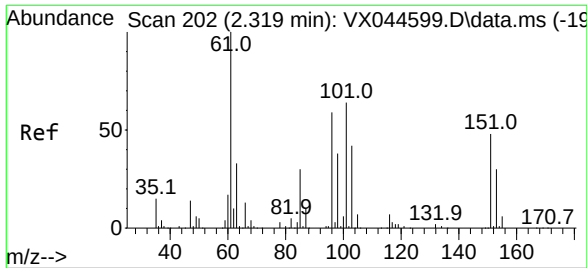
Reviewed By :John Carlone 01/08/2025
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#8
 Diethyl Ether
 Concen: 20.384 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX044606.D
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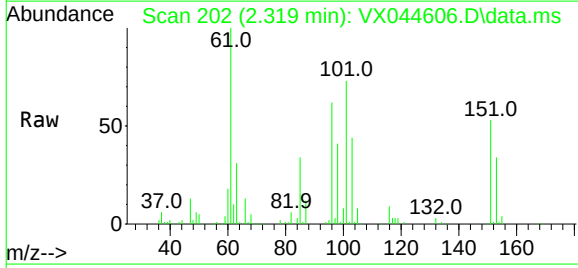
Tgt Ion: 74 Resp: 32020
 Ion Ratio Lower Upper
 74 100
 45 91.9 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.396 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044606.D
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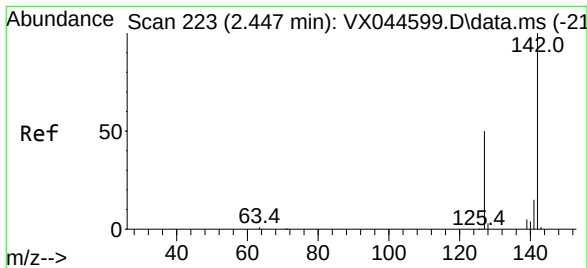
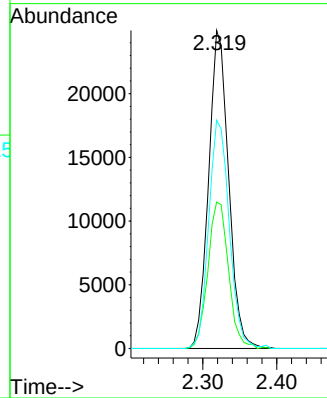
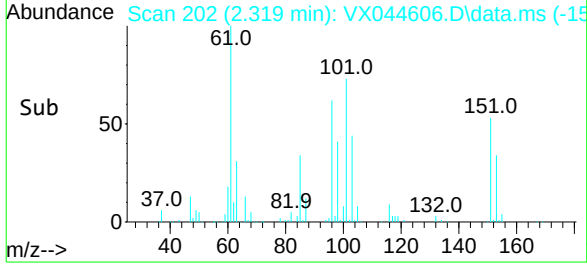
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 46896
Ion Ratio Lower Upper
101 100
85 47.5 36.5 54.7
151 73.9 58.6 87.8

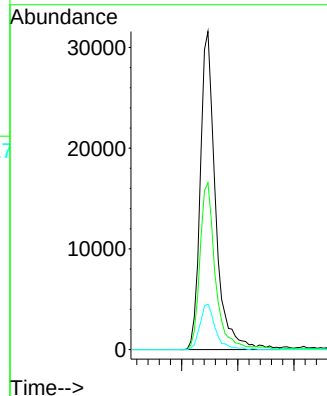
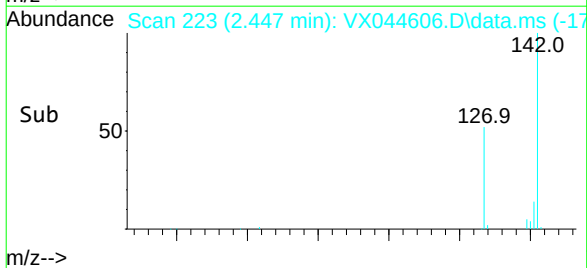
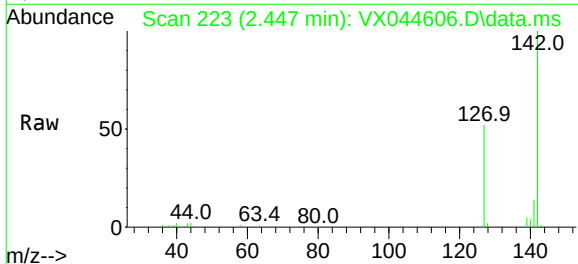
Manual Integrations
APPROVED

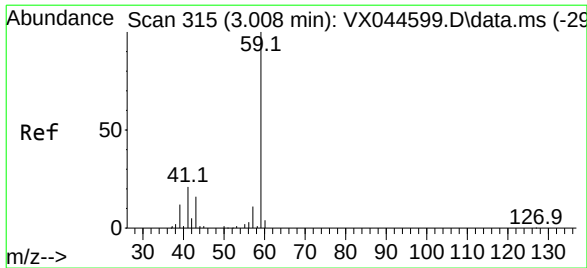
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#10
Methyl Iodide
Concen: 16.782 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:142 Resp: 59649
Ion Ratio Lower Upper
142 100
127 53.4 41.9 62.9
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 101.228 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.024 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion: 59 Resp: 44363

Ion Ratio Lower Upper

59 100

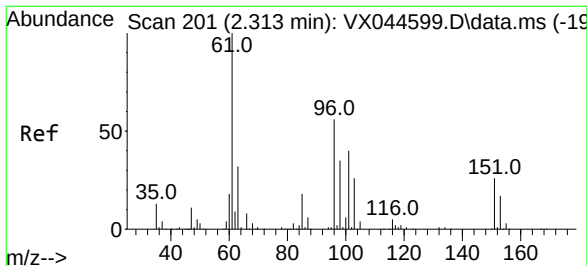
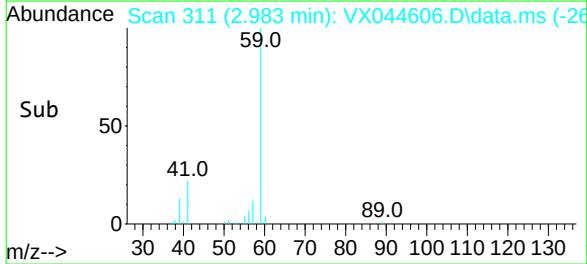
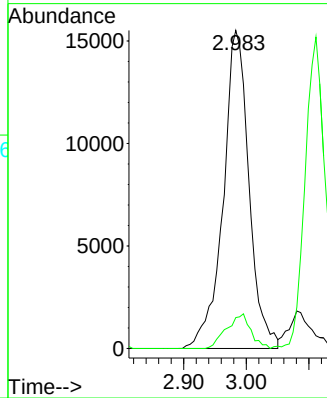
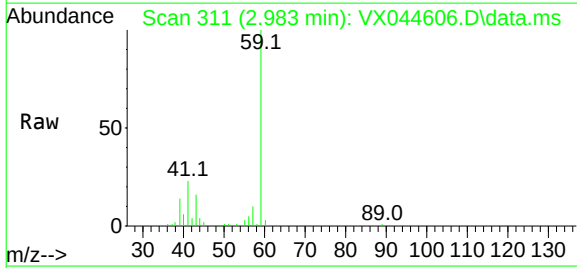
57 10.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#12

1,1-Dichloroethene

Concen: 17.686 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

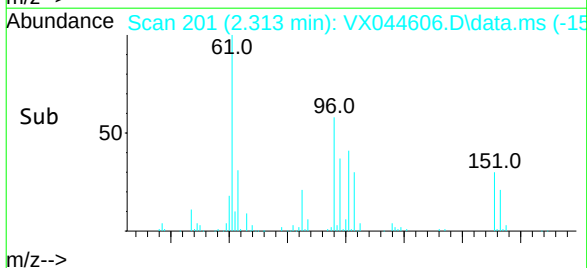
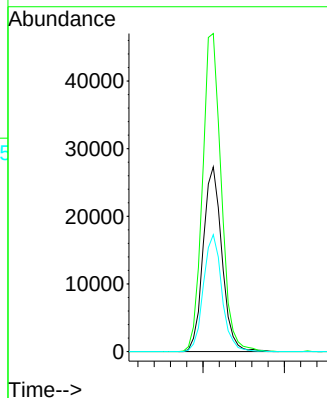
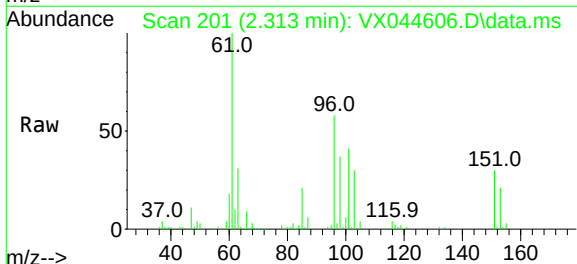
Tgt Ion: 96 Resp: 43673

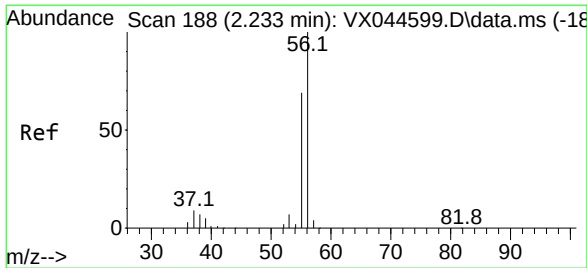
Ion Ratio Lower Upper

96 100

61 172.2 143.3 214.9

98 63.3 50.6 76.0





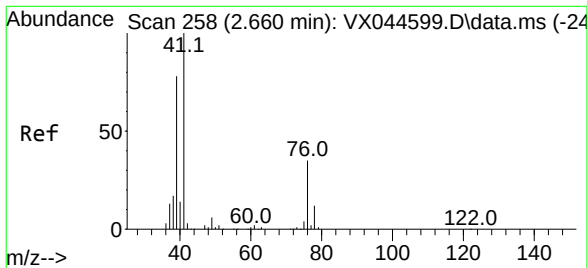
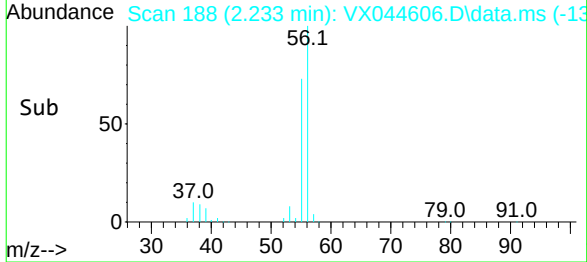
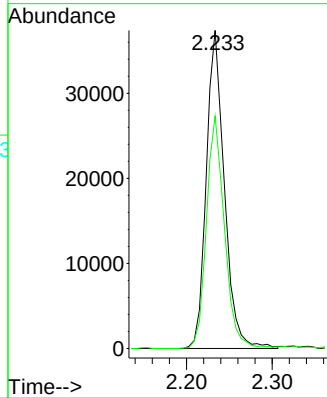
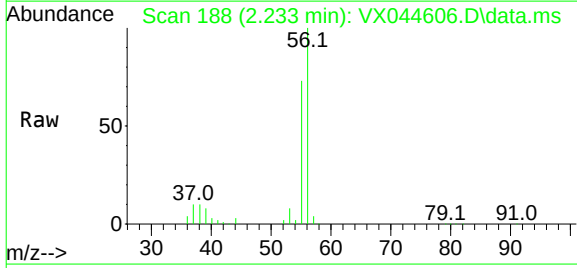
#13
Acrolein
Concen: 94.504 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 56 Resp: 54760
Ion Ratio Lower Upper
56 100
55 72.9 55.8 83.8

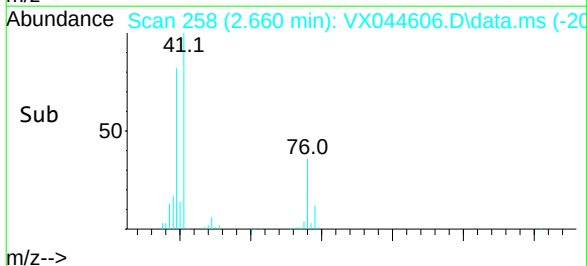
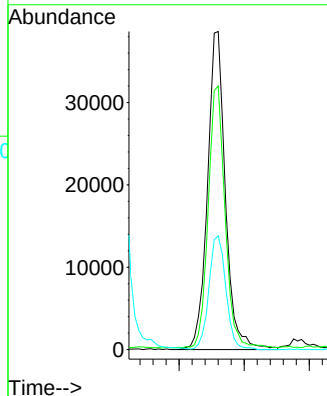
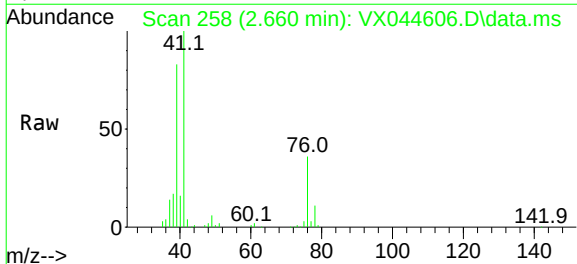
Manual Integrations
APPROVED

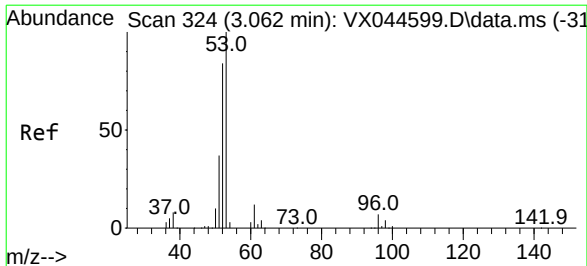
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#14
Allyl chloride
Concen: 18.040 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

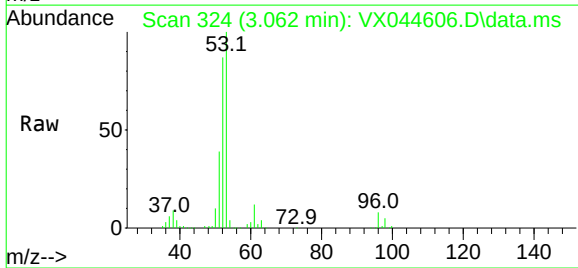
Tgt Ion: 41 Resp: 74088
Ion Ratio Lower Upper
41 100
39 77.0 60.2 90.2
76 33.8 25.9 38.9





#15
Acrylonitrile
Concen: 98.487 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

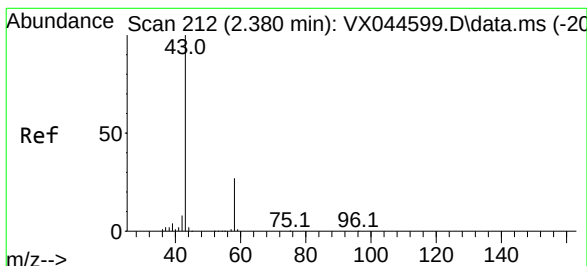
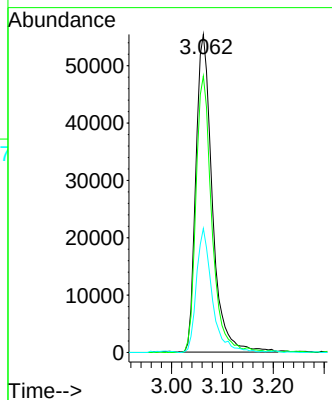
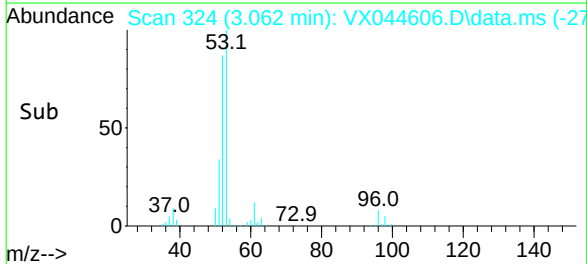
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 53 Resp: 124308
Ion Ratio Lower Upper
53 100
52 83.3 67.0 100.6
51 37.4 29.4 44.0

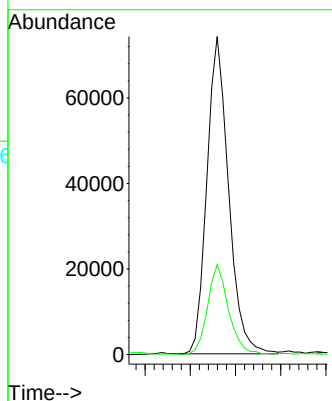
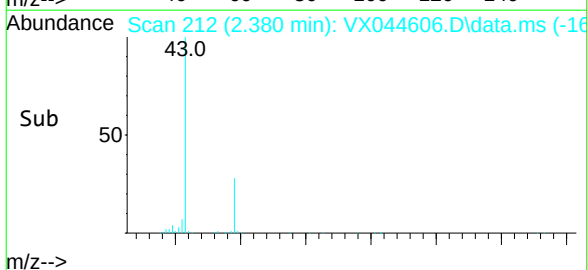
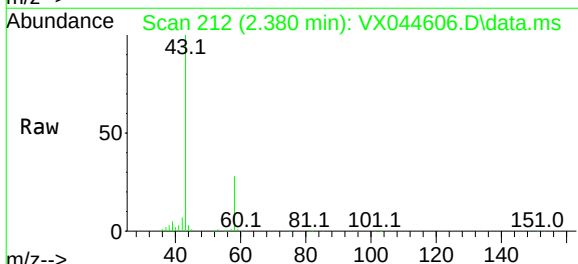
Manual Integrations
APPROVED

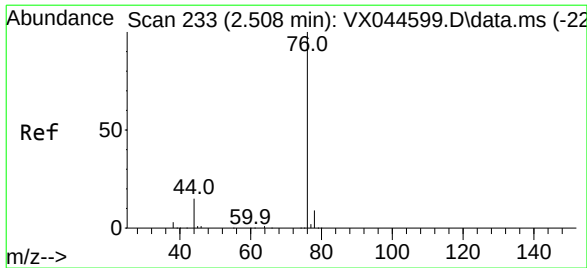
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#16
Acetone
Concen: 110.199 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

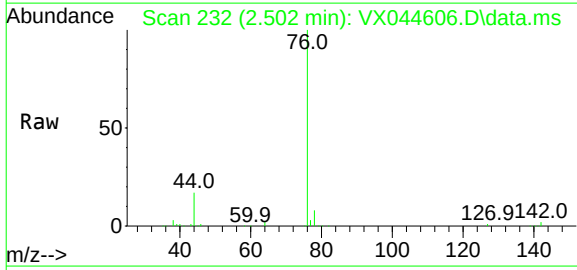
Tgt Ion: 43 Resp: 123615
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0





#17
Carbon Disulfide
Concen: 17.610 ug/l
RT: 2.502 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

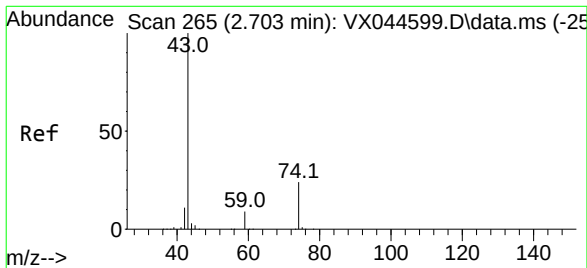
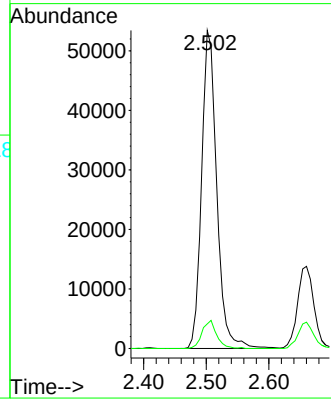
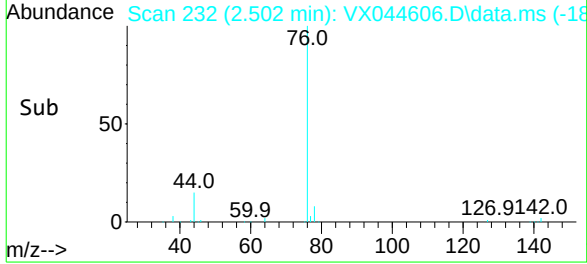
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 76 Resp: 89917
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7

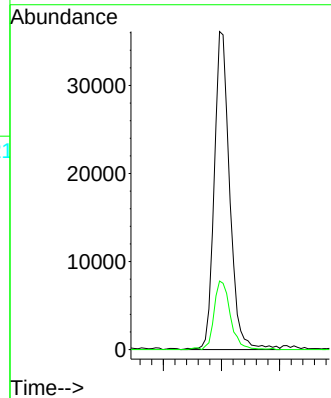
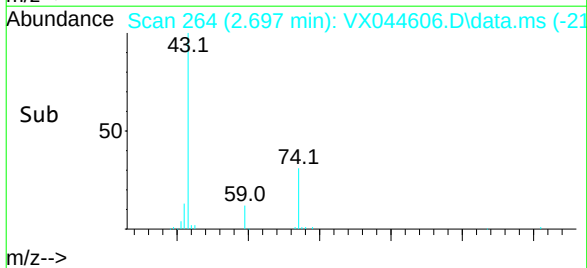
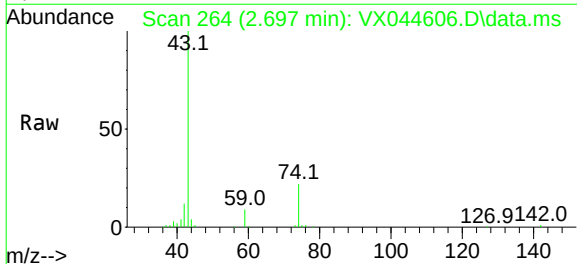
Manual Integrations
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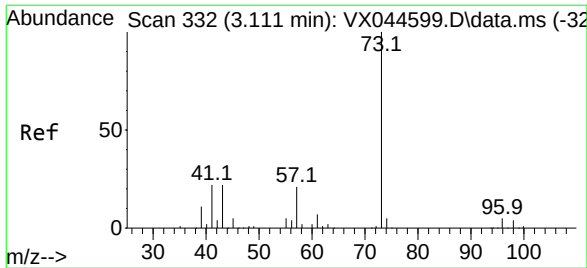
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#18
Methyl Acetate
Concen: 20.161 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 43 Resp: 66752
Ion Ratio Lower Upper
43 100
74 22.8 19.3 28.9





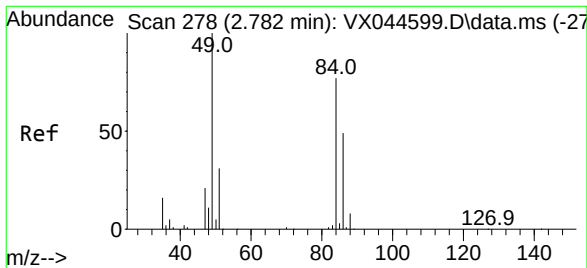
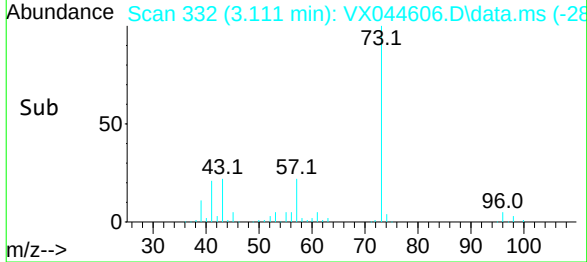
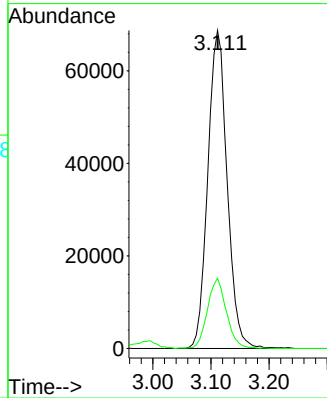
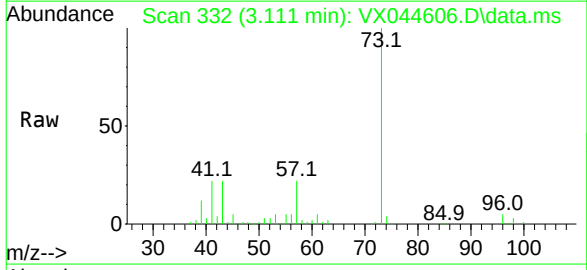
#19
Methyl tert-butyl Ether
Concen: 18.754 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 73 Resp: 158707
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.4

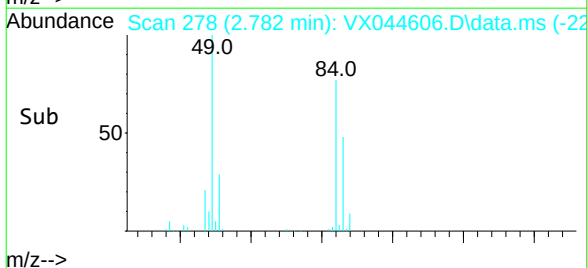
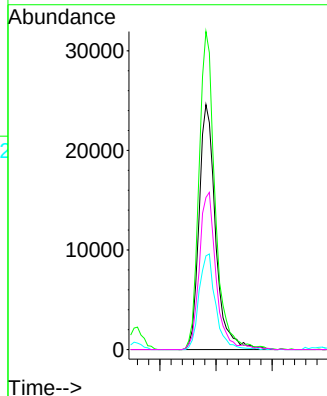
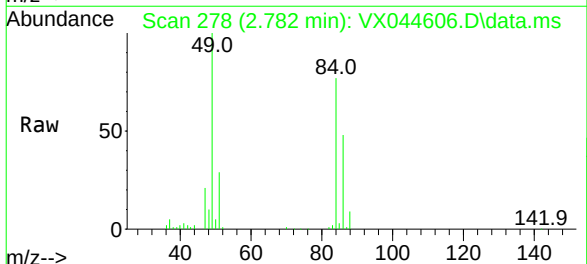
Manual Integrations
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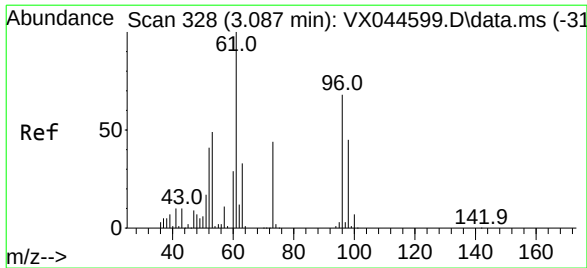
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Methylene Chloride
Concen: 17.535 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

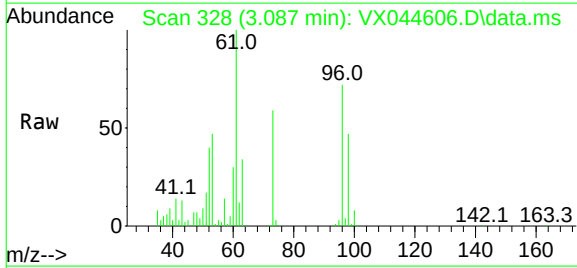
Tgt Ion: 84 Resp: 50182
Ion Ratio Lower Upper
84 100
49 129.8 104.4 156.6
51 38.3 32.0 48.0
86 62.1 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 17.823 ug/l
RT: 3.087 min Scan# 321
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

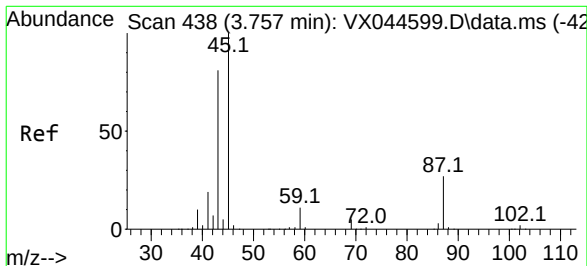
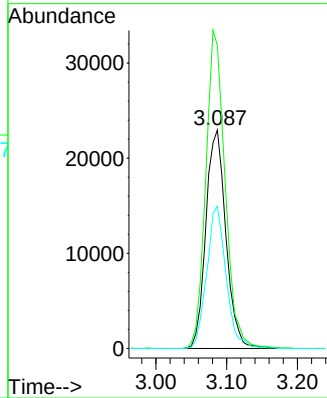
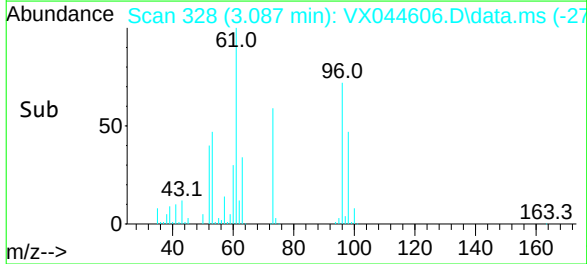
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.6	118.5	177.7
98	65.1	53.4	80.0

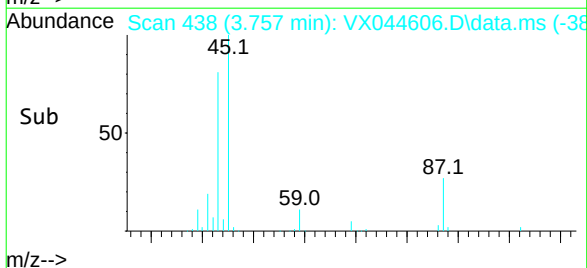
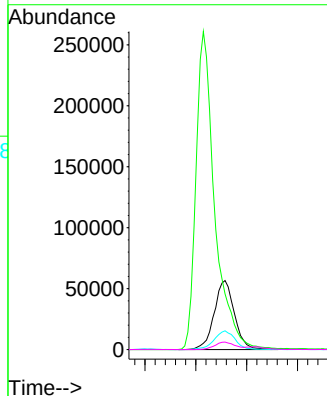
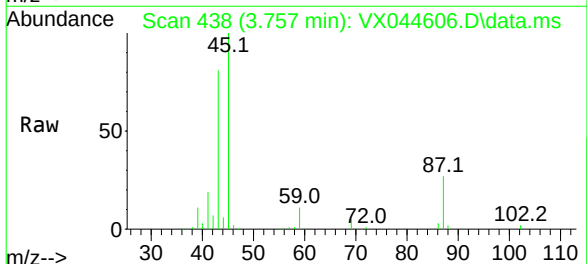
Manual Integrations
APPROVED

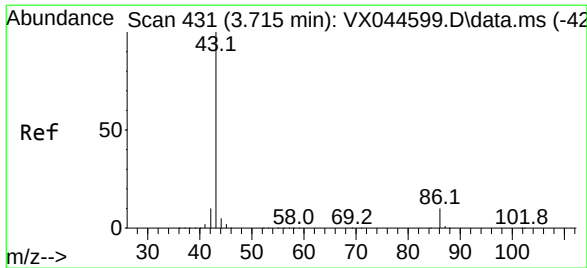
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#22
Diisopropyl ether
Concen: 18.542 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.5	64.6	97.0
87	27.2	21.8	32.8
59	10.8	8.6	12.8





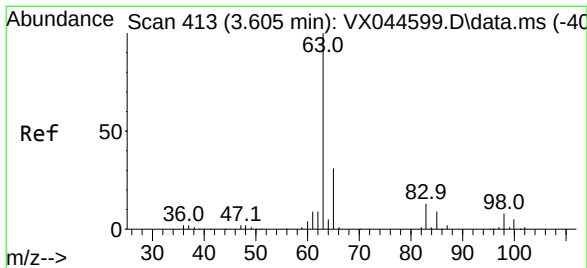
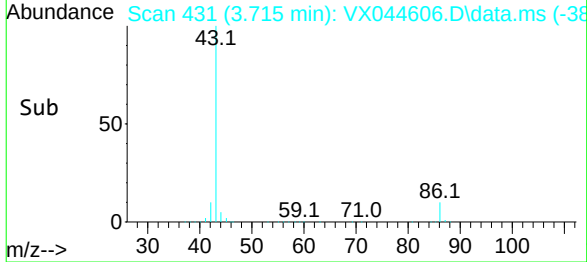
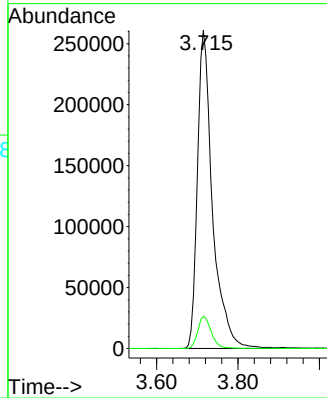
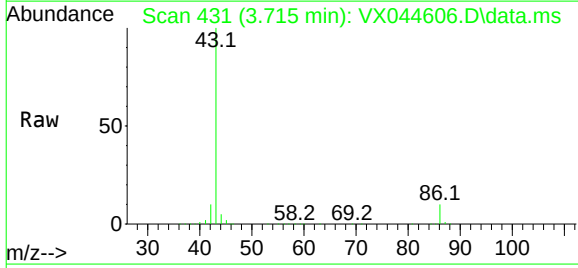
#23
 Vinyl Acetate
 Concen: 98.313 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VX044606.D
 Acq: 07 Jan 2025 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS02

Tgt Ion: 43 Resp: 671174
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

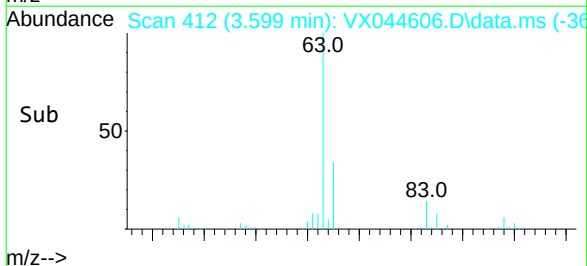
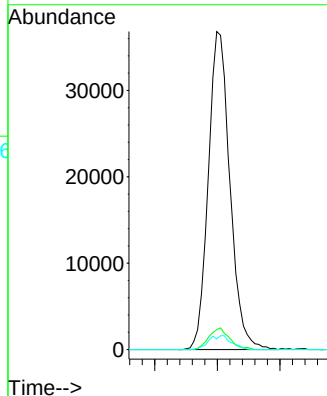
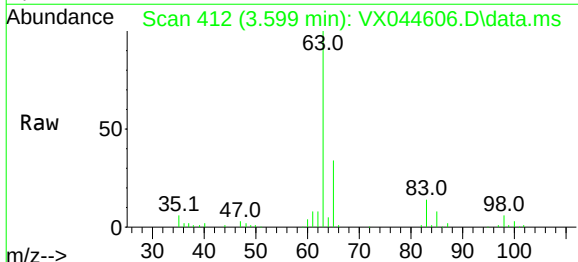
Manual Integrations
 APPROVED

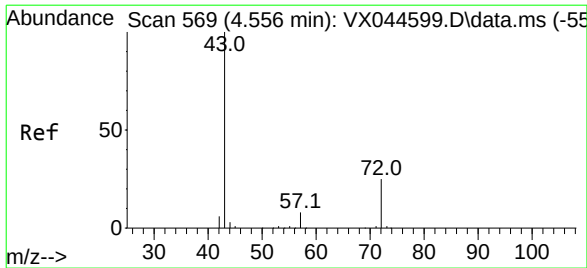
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#24
 1,1-Dichloroethane
 Concen: 17.953 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044606.D
 Acq: 07 Jan 2025 16:57

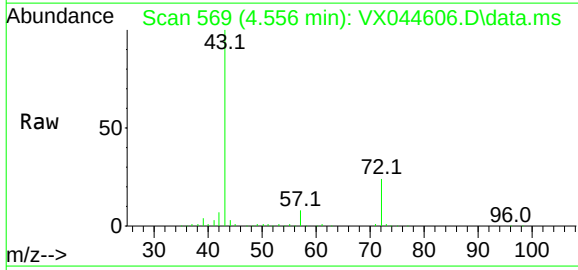
Tgt Ion: 63 Resp: 88317
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 3.4 2.4 7.2





#25
2-Butanone
Concen: 108.846 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

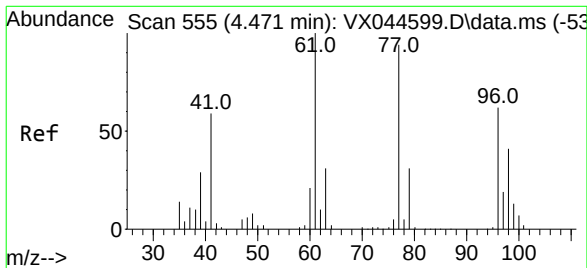
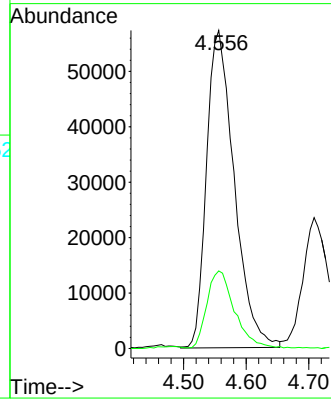
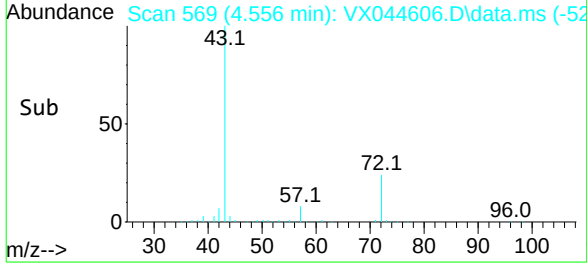
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 43 Resp: 176234
Ion Ratio Lower Upper
43 100
72 24.1 20.2 30.2

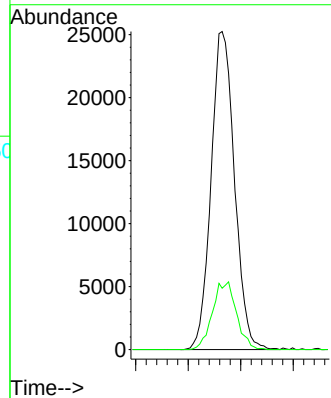
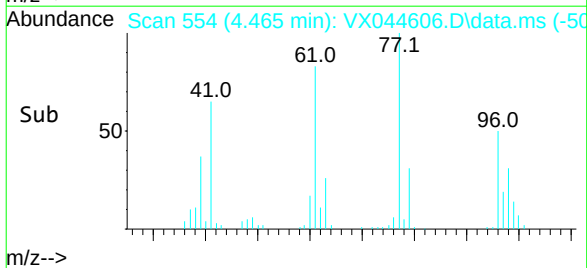
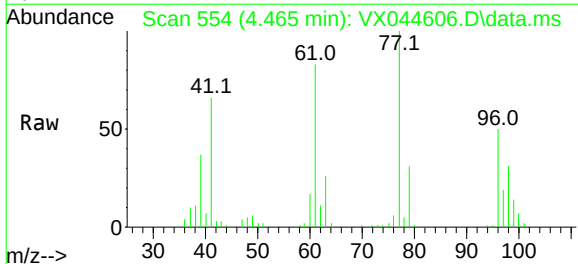
Manual Integrations
APPROVED

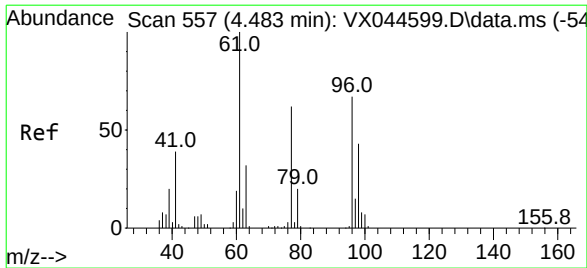
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#26
2,2-Dichloropropane
Concen: 18.394 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

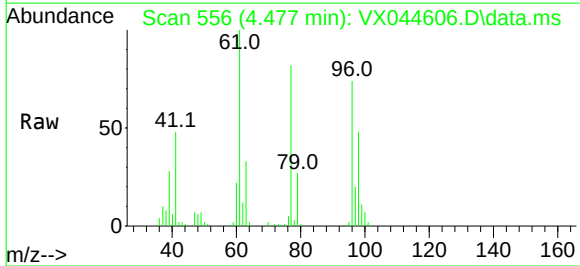
Tgt Ion: 77 Resp: 78234
Ion Ratio Lower Upper
77 100
97 21.8 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.624 ug/l
 RT: 4.477 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VX044606.D
 Acq: 07 Jan 2025 16:57

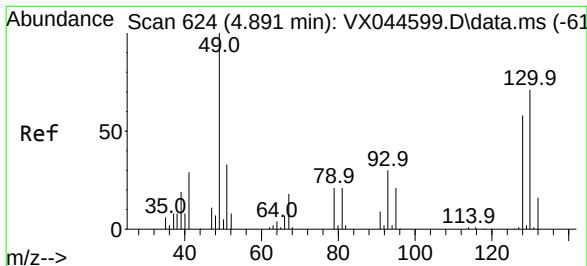
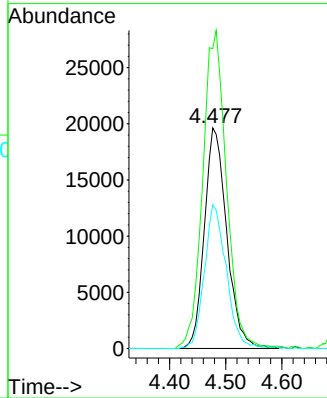
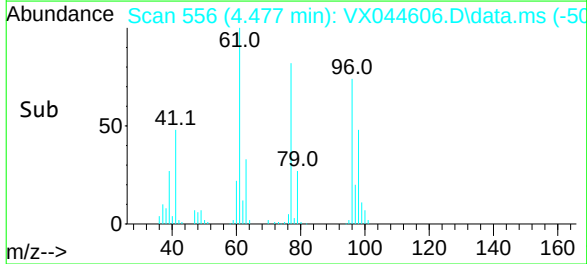
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS02



Tgt Ion: 96 Resp: 54462
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 302.8
 98 63.9 0.0 130.0

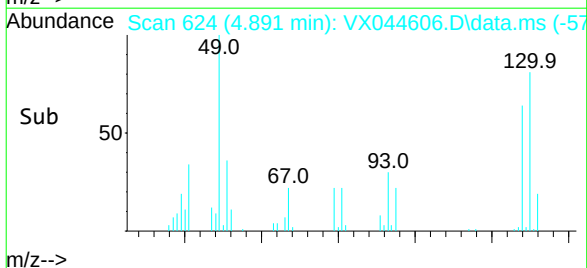
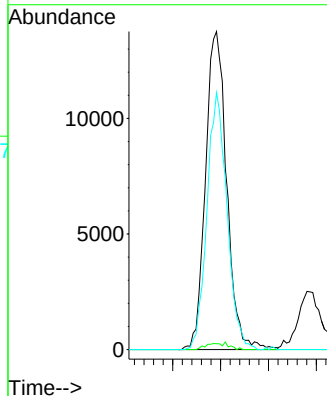
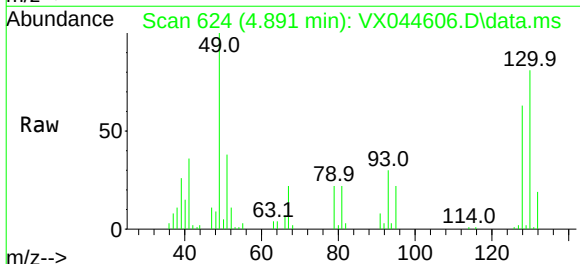
Manual Integrations
 APPROVED

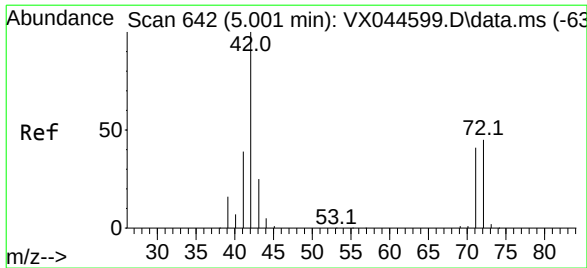
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#28
 Bromochloromethane
 Concen: 18.464 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX044606.D
 Acq: 07 Jan 2025 16:57

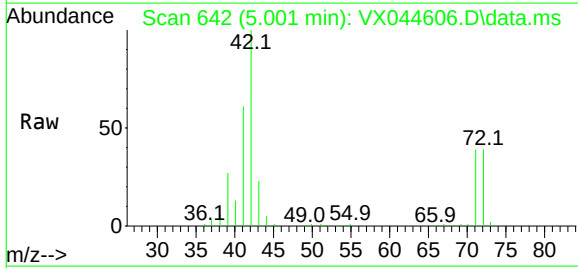
Tgt Ion: 49 Resp: 42280
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.2
 130 76.4 58.8 88.2





#29
Tetrahydrofuran
Concen: 100.421 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

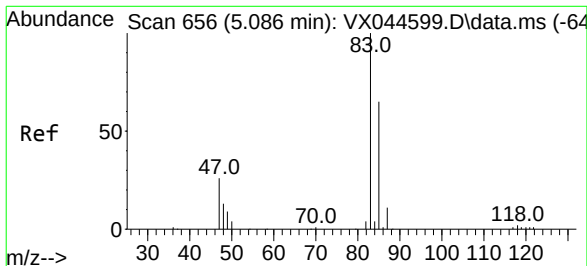
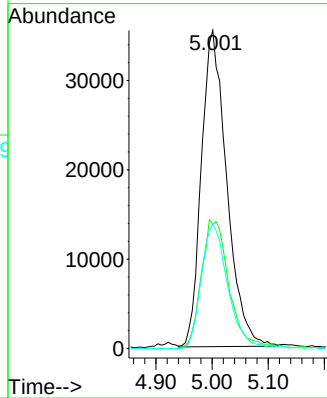
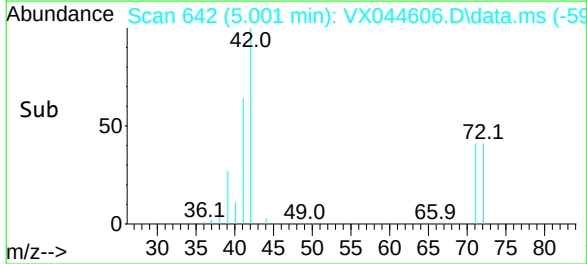
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 42 Resp: 111343
Ion Ratio Lower Upper
42 100
72 44.6 36.1 54.1
71 40.7 33.0 49.6

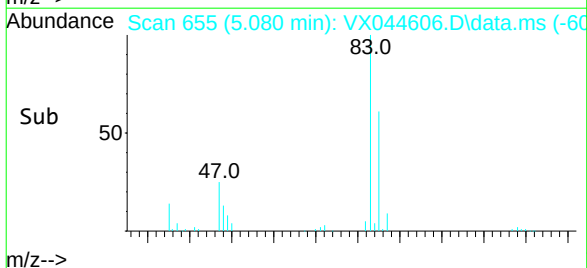
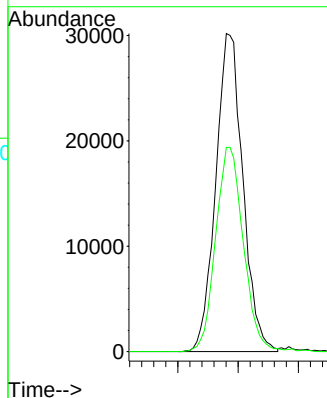
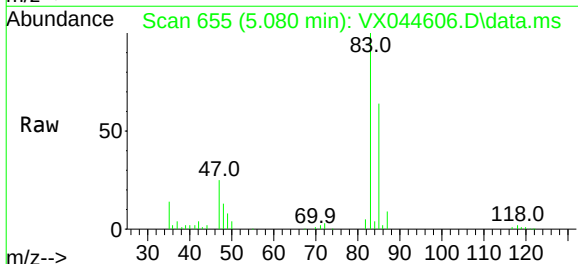
Manual Integrations
APPROVED

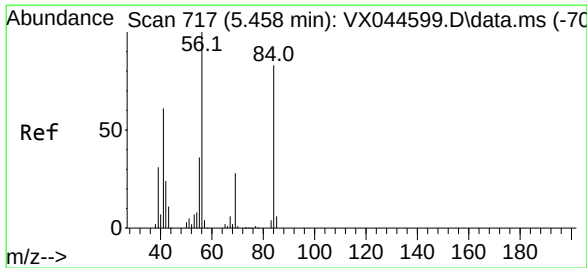
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
Chloroform
Concen: 17.797 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 83 Resp: 94379
Ion Ratio Lower Upper
83 100
85 64.2 52.3 78.5





#31

Cyclohexane

Concen: 18.224 ug/l

RT: 5.464 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion: 56 Resp: 73605

Ion Ratio Lower Upper

56 100

69 30.1 22.2 33.4

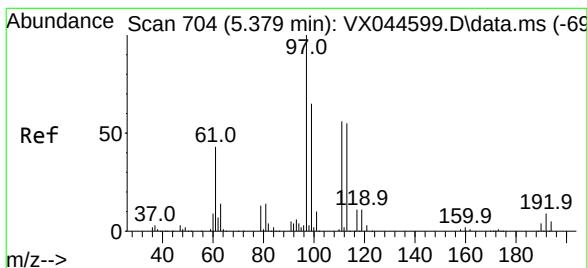
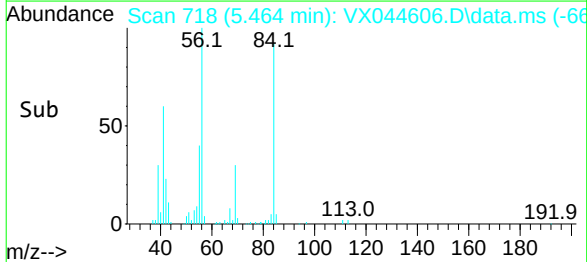
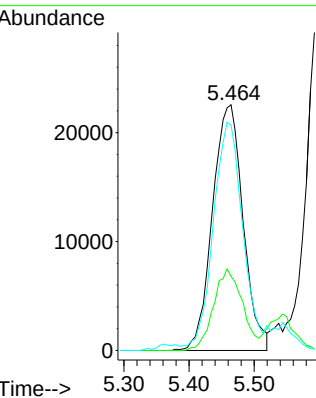
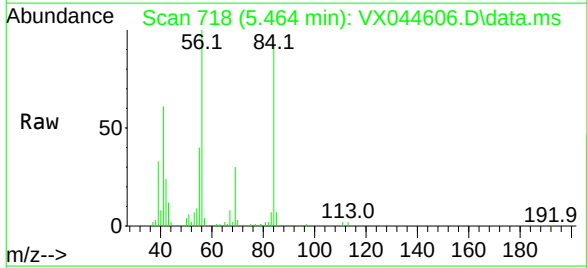
84 89.6 66.6 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#32

1,1,1-Trichloroethane

Concen: 18.926 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

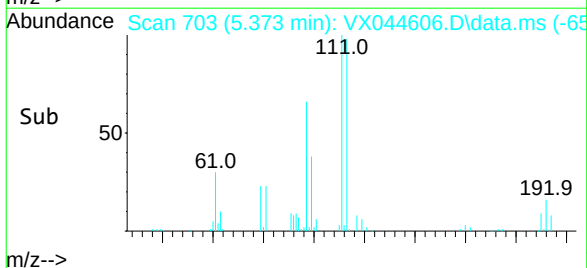
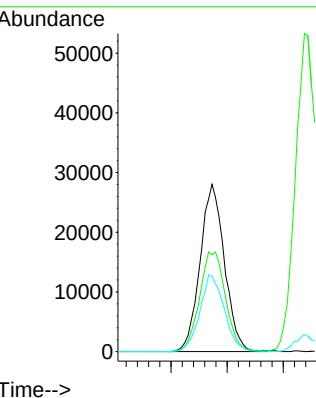
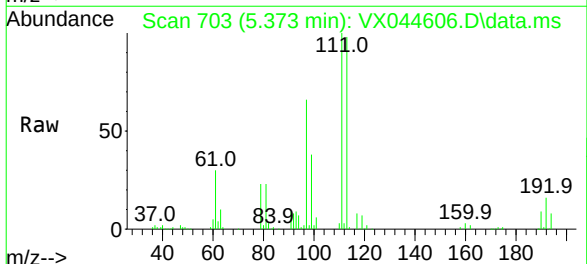
Tgt Ion: 97 Resp: 84469

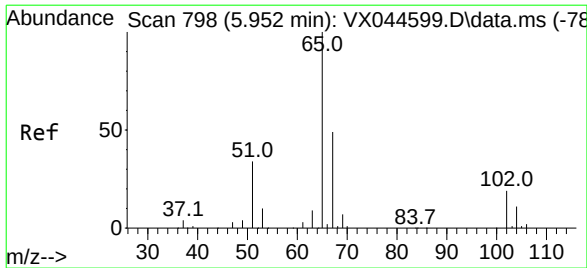
Ion Ratio Lower Upper

97 100

99 63.6 52.1 78.1

61 45.9 36.8 55.2





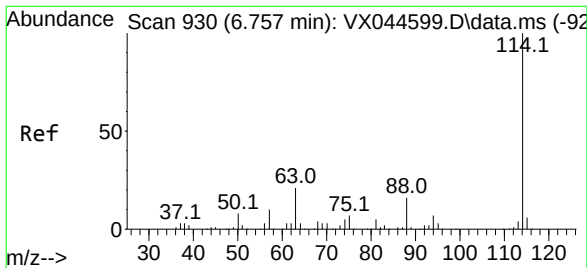
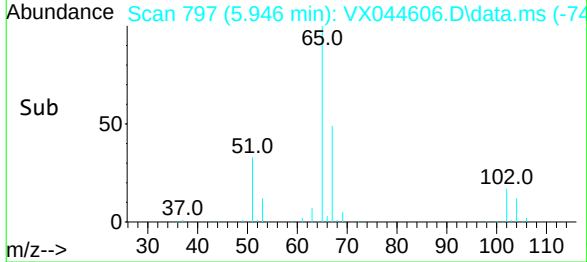
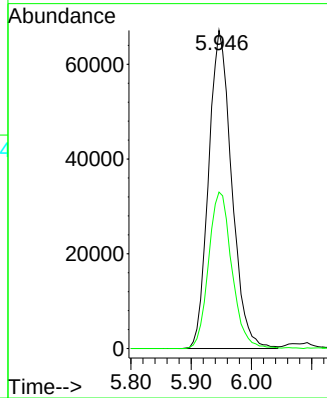
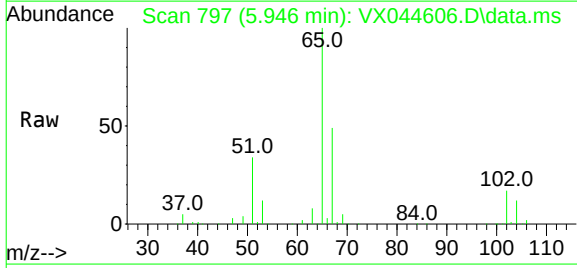
#33
1,2-Dichloroethane-d4
Concen: 50.209 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 65 Resp: 178695
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

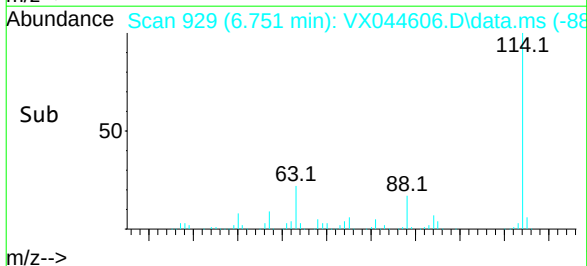
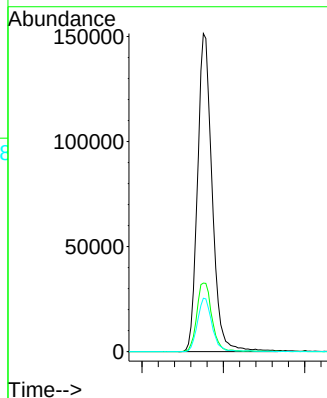
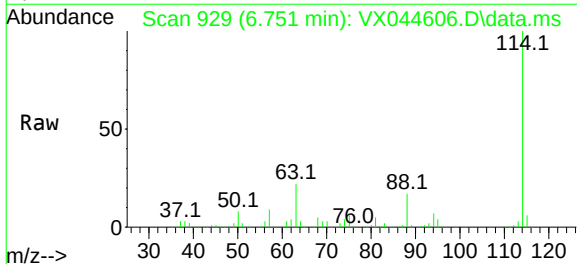
Manual Integrations
APPROVED

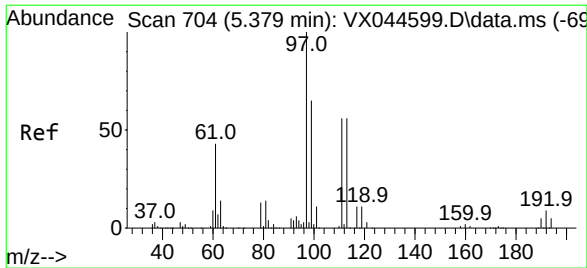
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:114 Resp: 377450
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.8 0.0 32.6





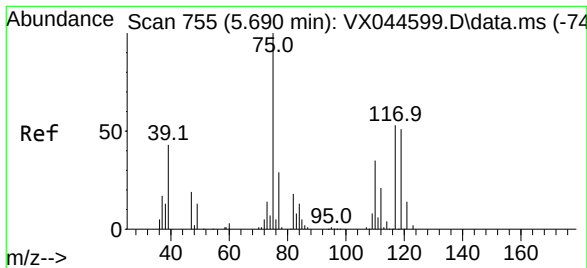
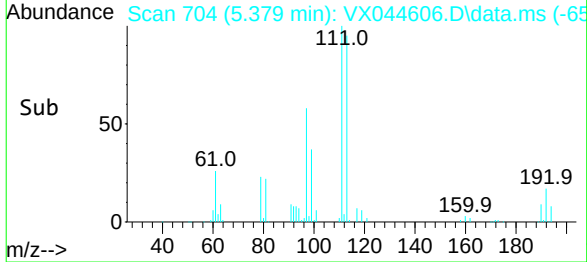
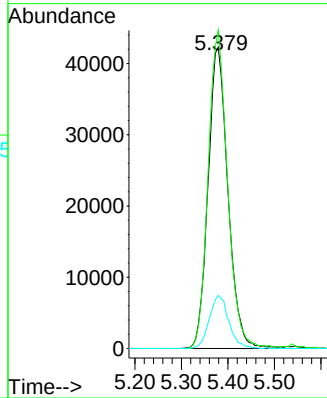
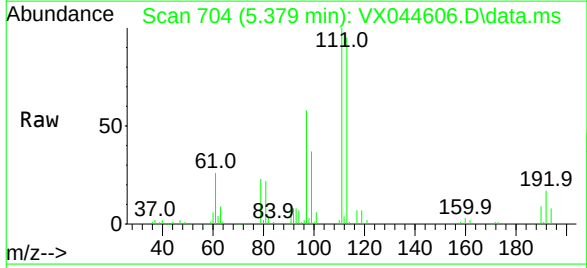
#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:113 Resp: 125576
Ion Ratio Lower Upper
113 100
111 103.2 83.3 124.9
192 17.3 14.3 21.5

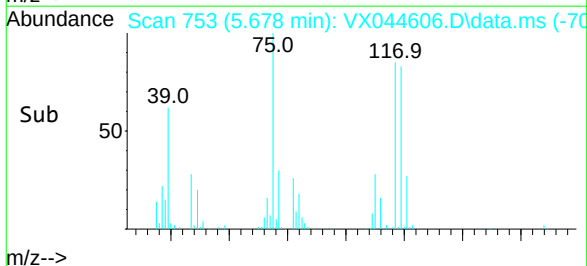
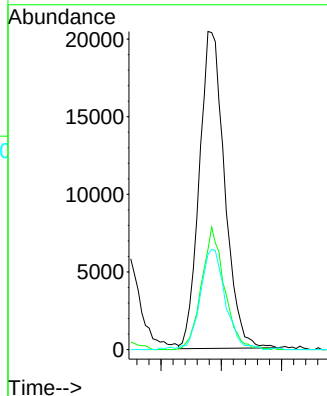
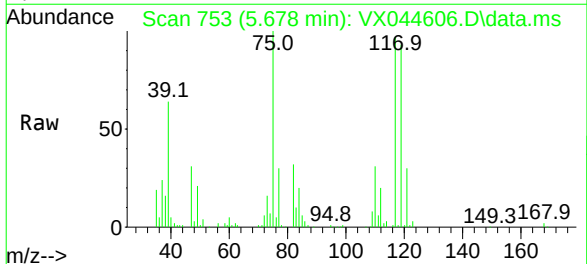
Manual Integrations
APPROVED

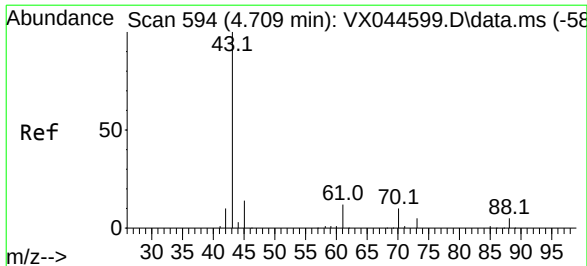
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#36
1,1-Dichloropropene
Concen: 17.813 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 75 Resp: 59615
Ion Ratio Lower Upper
75 100
110 34.9 17.3 51.9
77 31.4 24.7 37.1





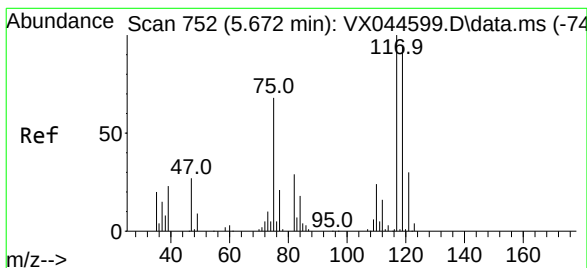
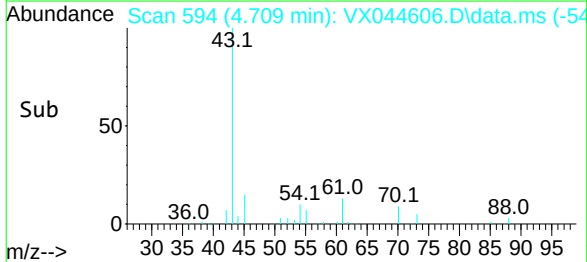
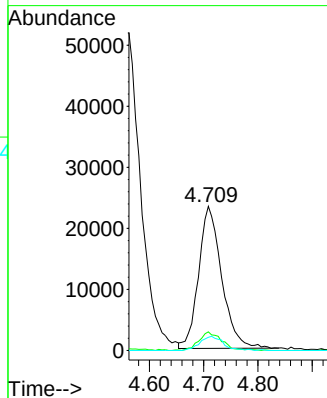
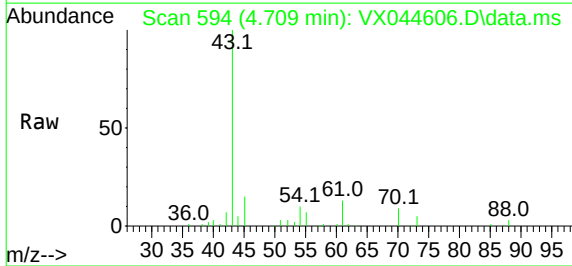
#37
Ethyl Acetate
Concen: 20.080 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:	43	Resp:	68748
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	10.0	8.0	12.0

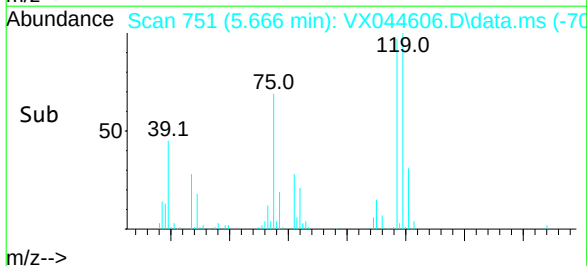
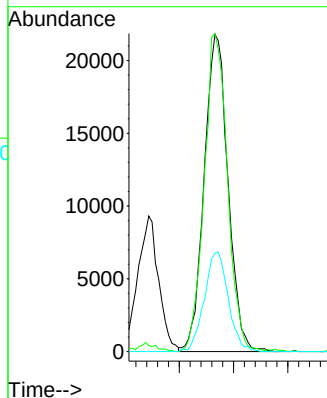
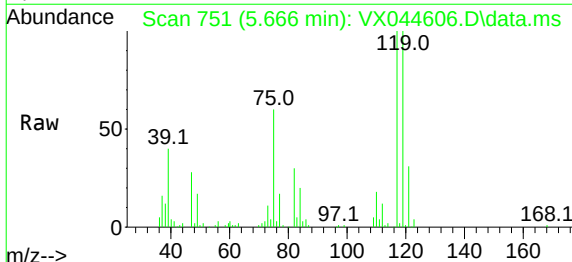
Manual Integrations
APPROVED

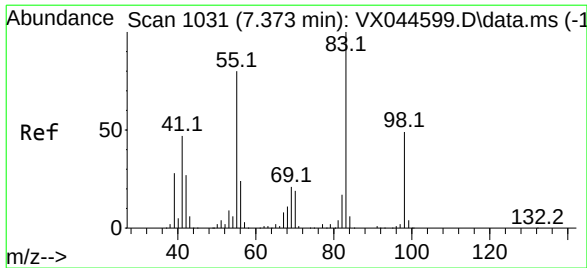
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#38
Carbon Tetrachloride
Concen: 17.931 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:	117	Resp:	66584
Ion	Ratio	Lower	Upper
117	100		
119	100.2	74.5	111.7
121	31.0	24.1	36.1





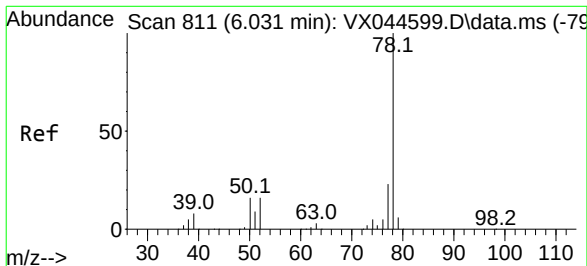
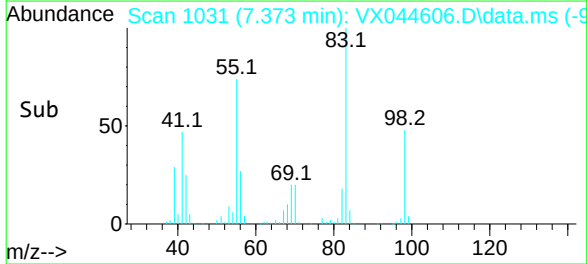
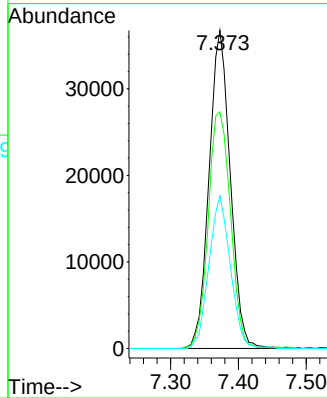
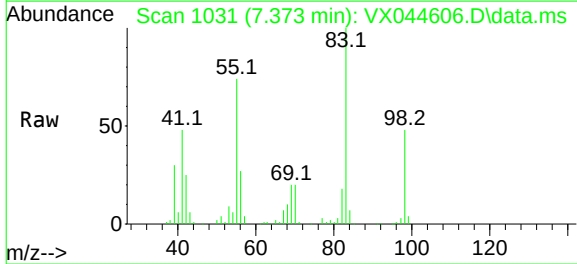
#39
Methylcyclohexane
Concen: 18.714 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.4	64.1	96.1
98	48.0	38.9	58.3

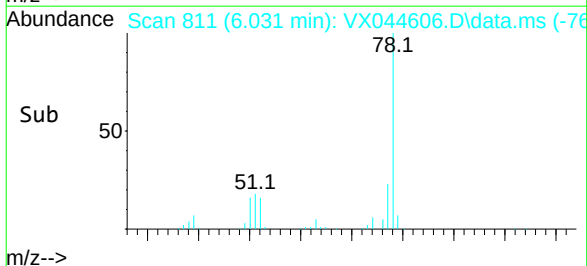
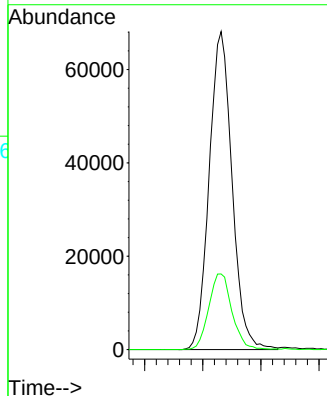
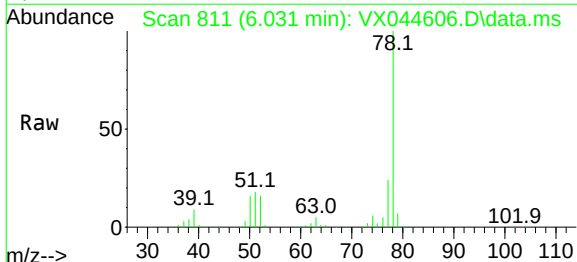
Manual Integrations
APPROVED

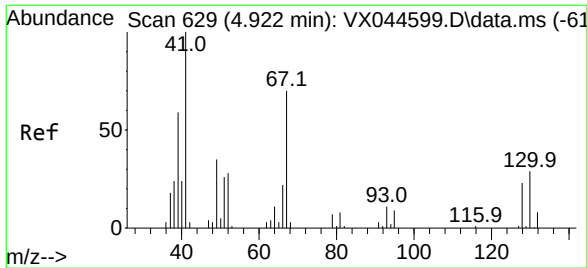
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Benzene
Concen: 17.621 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





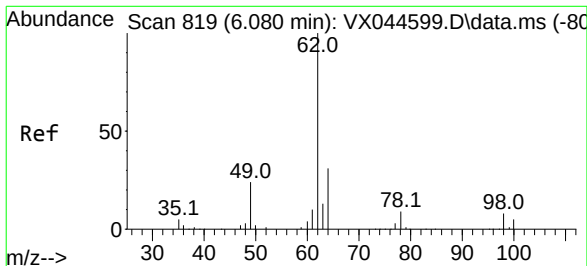
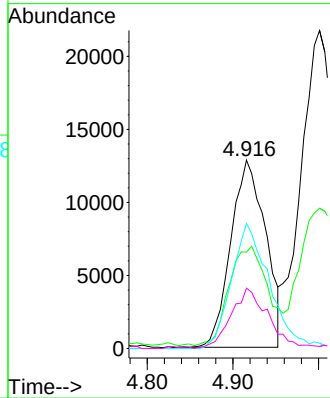
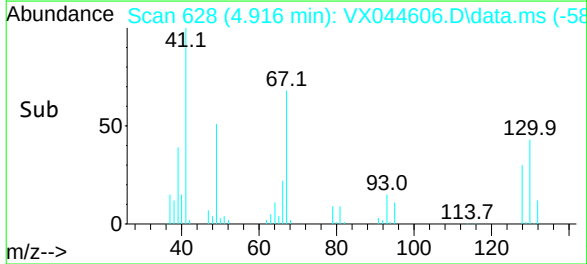
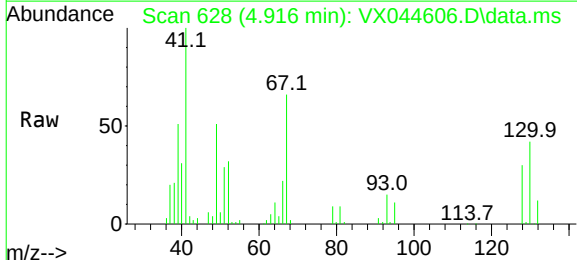
#41
Methacrylonitrile
Concen: 19.687 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:	41	Resp:	36179
Ion	Ratio	Lower	Upper
41	100		
39	59.9	47.0	70.4
67	73.6	57.4	86.2
52	34.8	25.0	37.6

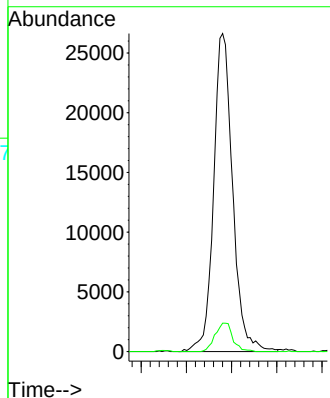
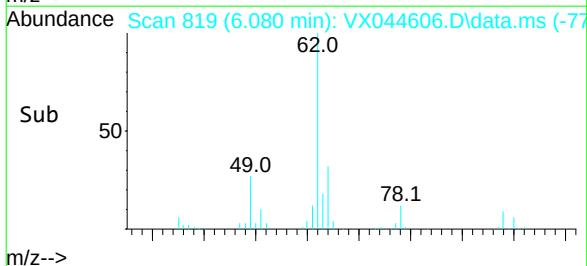
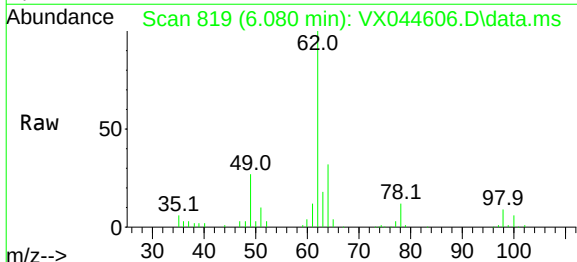
Manual Integrations
APPROVED

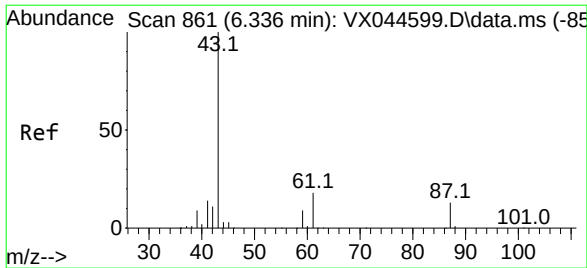
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#42
1,2-Dichloroethane
Concen: 18.887 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:	62	Resp:	77836
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.972 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

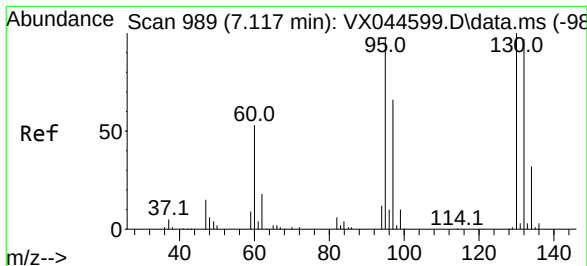
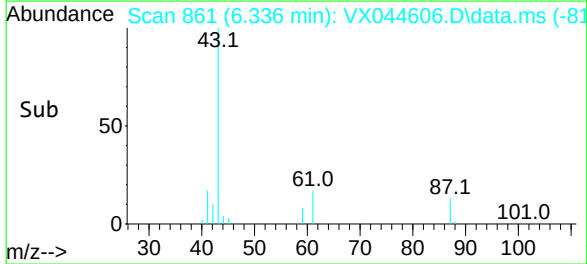
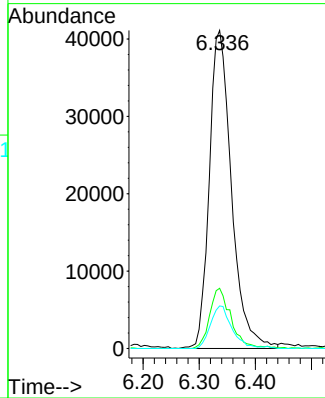
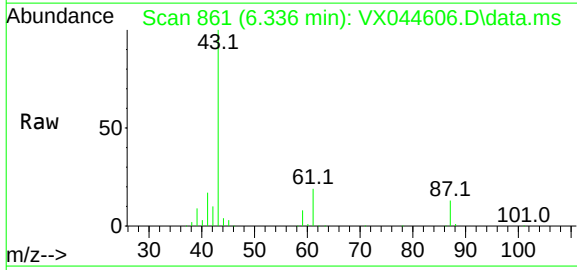
Tgt Ion:	43	Resp:	112810
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.5	21.7
87	12.8	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Trichloroethene

Concen: 16.798 ug/l

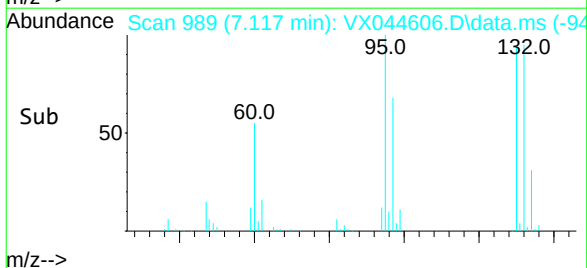
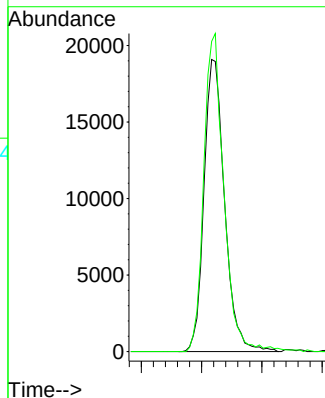
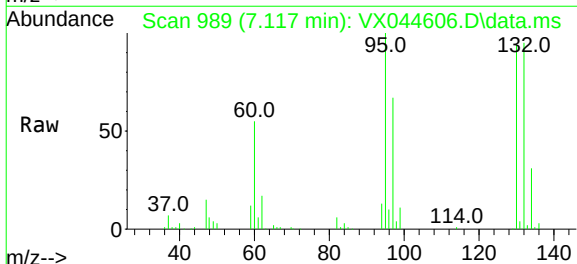
RT: 7.117 min Scan# 989

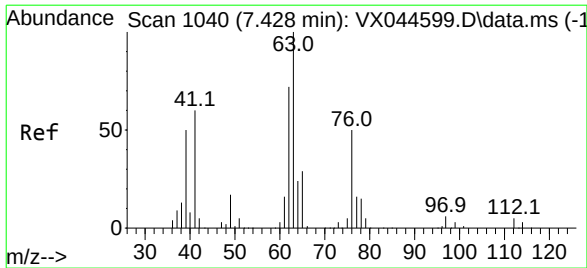
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	130	Resp:	45250
Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	195.6





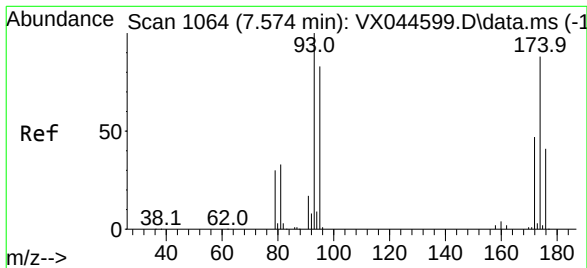
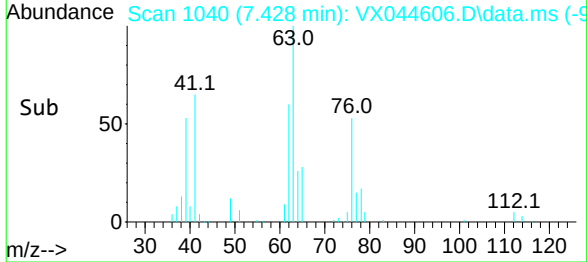
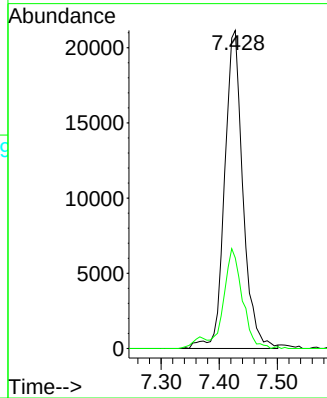
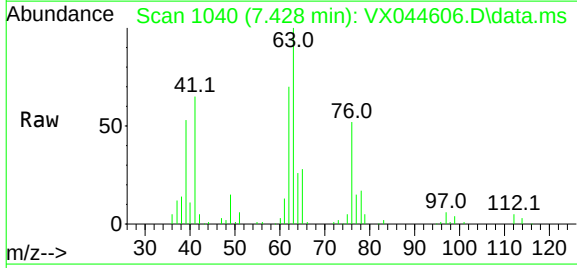
#45
1,2-Dichloropropane
Concen: 18.026 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 63 Resp: 46312
Ion Ratio Lower Upper
63 100
65 28.5 23.0 34.4

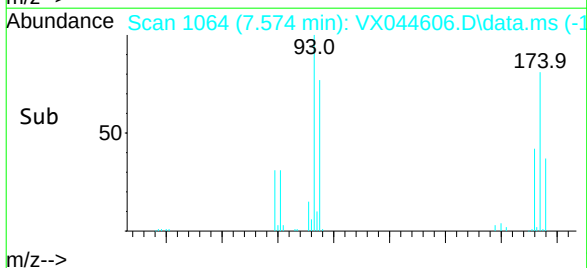
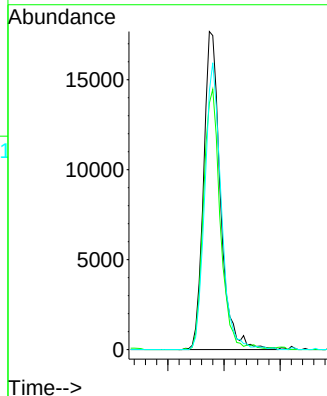
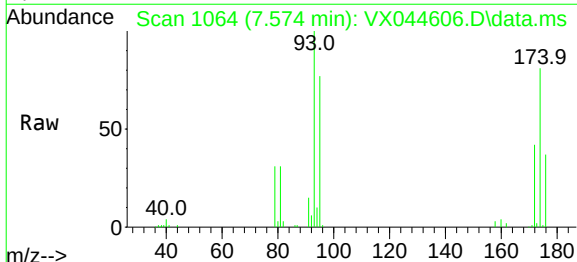
Manual Integrations
APPROVED

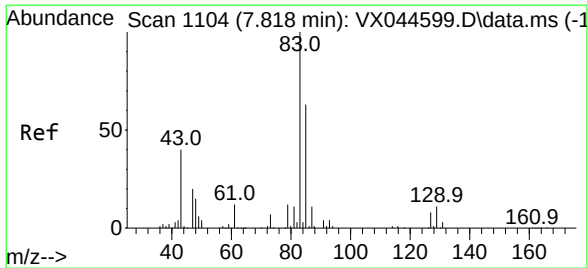
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#46
Dibromomethane
Concen: 18.379 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 93 Resp: 36722
Ion Ratio Lower Upper
93 100
95 81.0 65.8 98.6
174 87.6 73.4 110.0





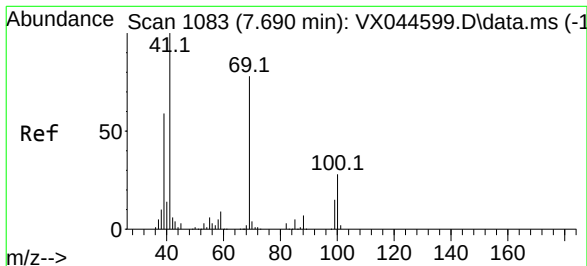
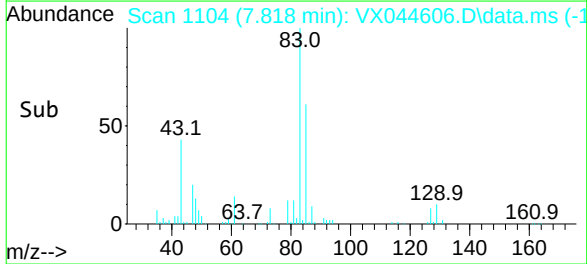
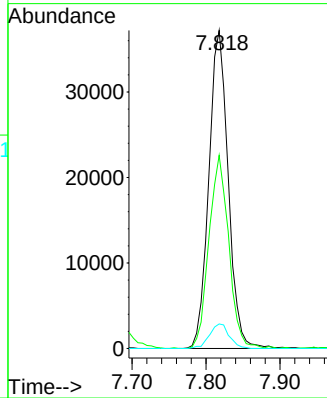
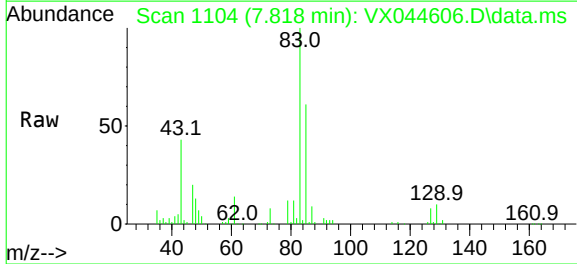
#47
Bromodichloromethane
Concen: 18.612 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 83 Resp: 67673
Ion Ratio Lower Upper
83 100
85 60.7 50.4 75.6
127 7.7 6.2 9.4

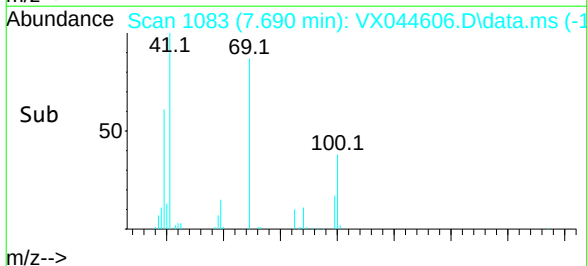
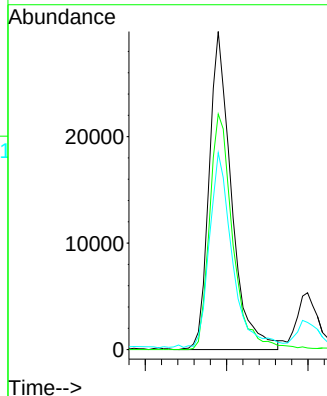
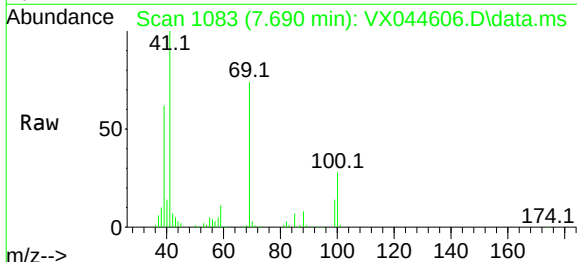
Manual Integrations
APPROVED

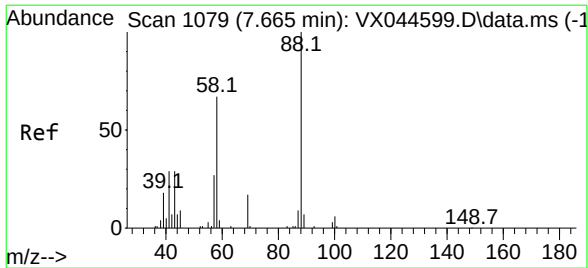
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
Methyl methacrylate
Concen: 21.108 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

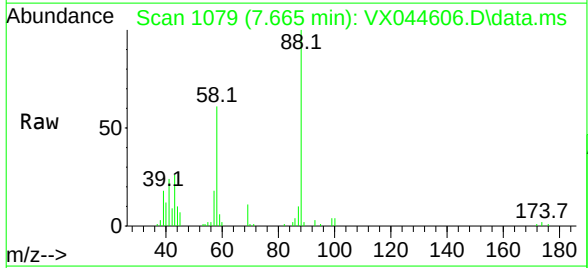
Tgt Ion: 41 Resp: 56864
Ion Ratio Lower Upper
41 100
69 77.5 62.9 94.3
39 62.1 48.9 73.3





#49
1,4-Dioxane
Concen: 432.961 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

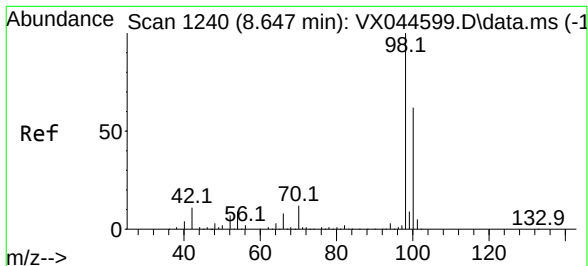
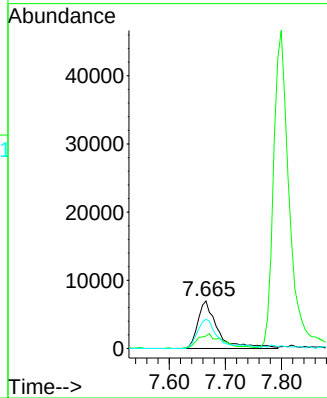
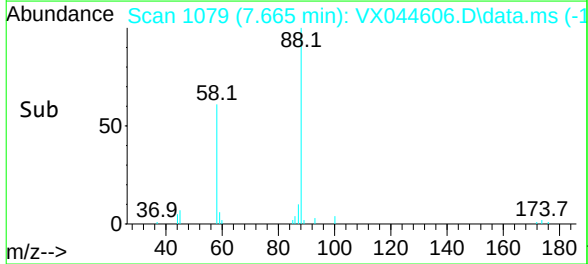
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 88 Resp: 17140
Ion Ratio Lower Upper
88 100
43 38.7 29.5 44.3
58 58.5 56.3 84.5

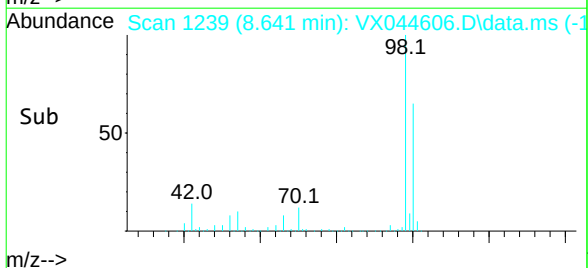
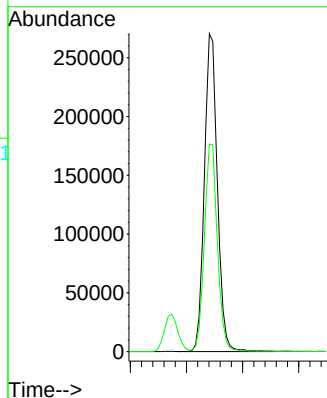
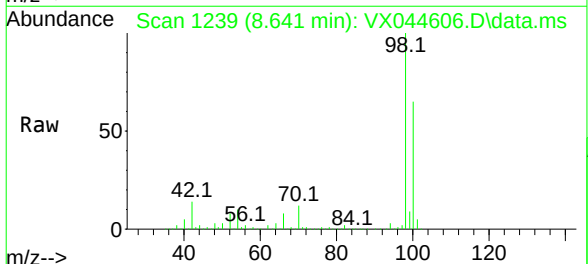
Manual Integrations
APPROVED

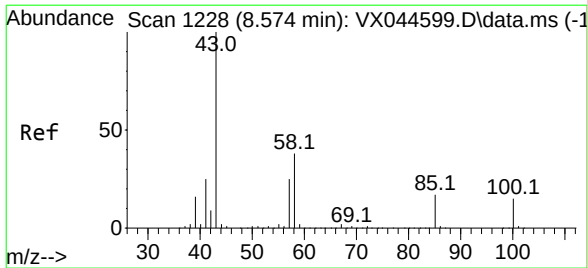
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#50
Toluene-d8
Concen: 49.256 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 98 Resp: 435468
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





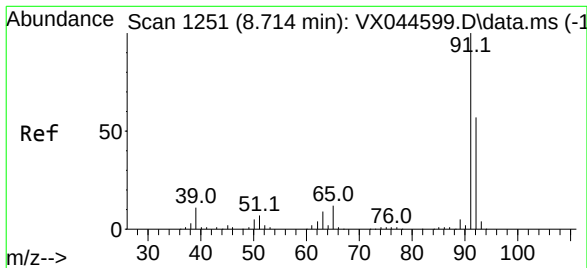
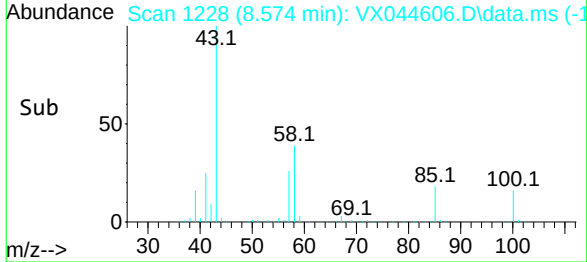
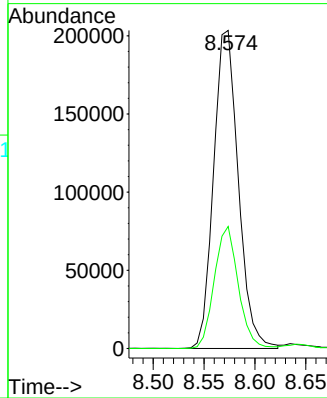
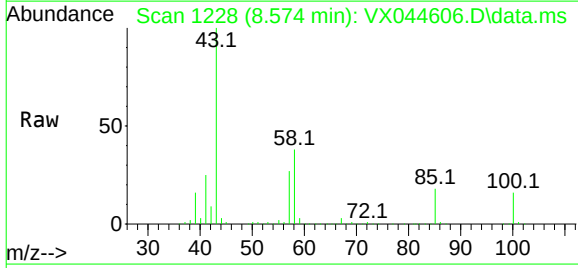
#51
4-Methyl-2-Pentanone
Concen: 104.227 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 43 Resp: 344130
Ion Ratio Lower Upper
43 100
58 37.2 30.0 45.0

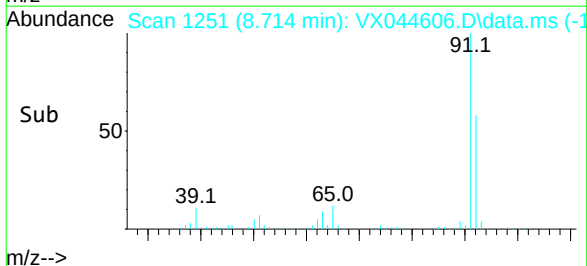
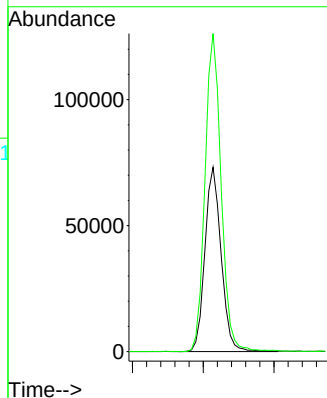
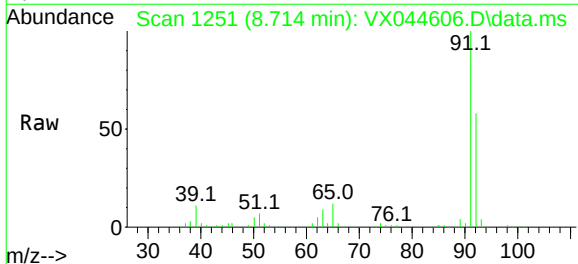
Manual Integrations
APPROVED

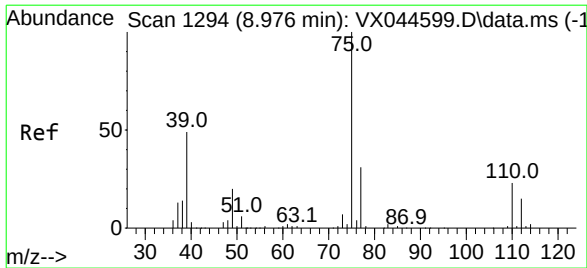
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
Toluene
Concen: 18.356 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

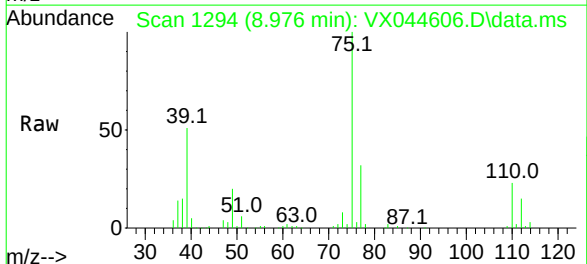
Tgt Ion: 92 Resp: 116712
Ion Ratio Lower Upper
92 100
91 171.5 140.6 210.8





#53
t-1,3-Dichloropropene
Concen: 19.300 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

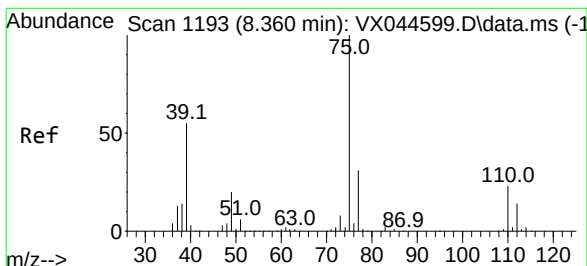
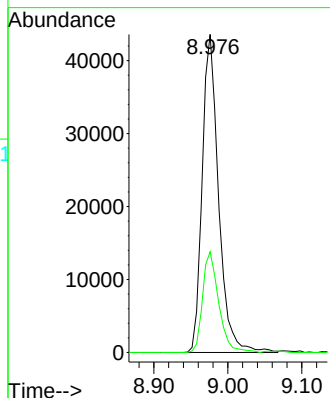
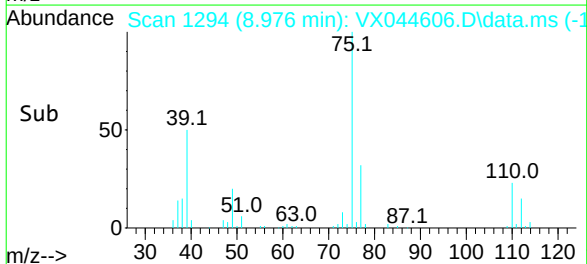
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



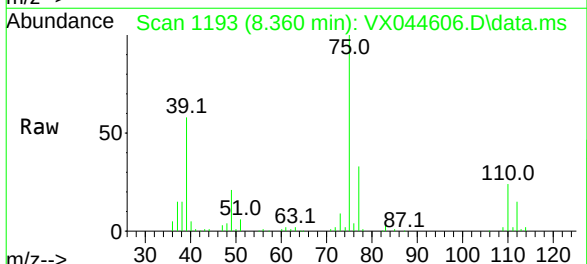
Tgt Ion: 75 Resp: 67077
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2

Manual Integrations
APPROVED

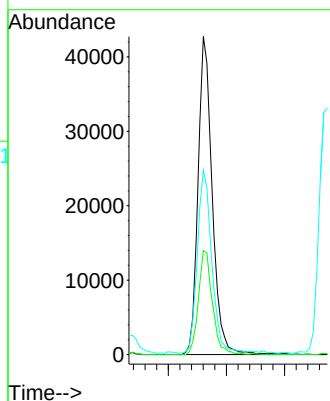
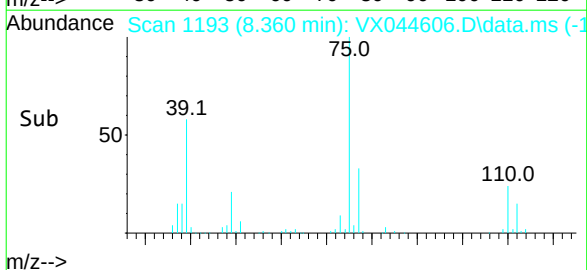
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

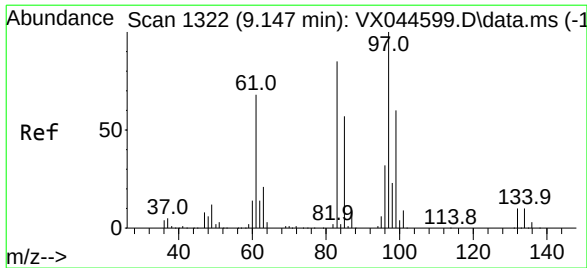


#54
cis-1,3-Dichloropropene
Concen: 18.556 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57



Tgt Ion: 75 Resp: 72482
Ion Ratio Lower Upper
75 100
77 32.8 24.5 36.7
39 57.7 44.3 66.5





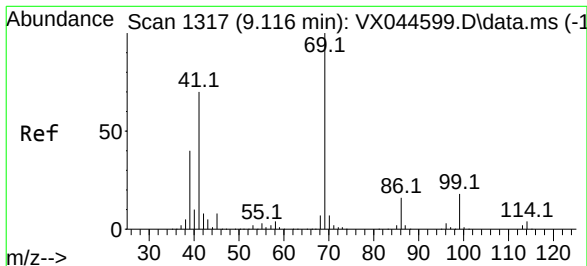
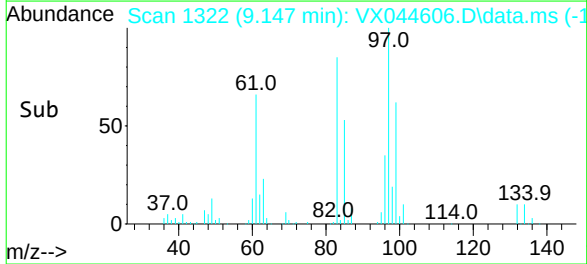
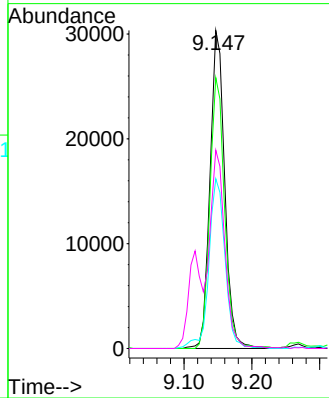
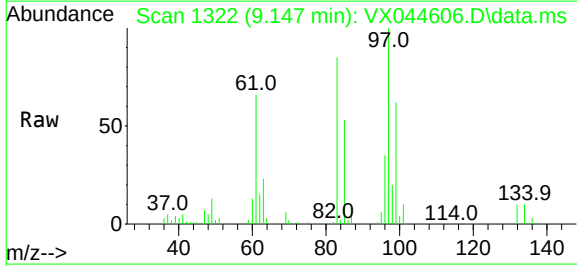
#55
1,1,2-Trichloroethane
Concen: 18.303 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:	97	Resp:	45623
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.0	102.0
85	53.4	45.4	68.0
99	62.1	48.4	72.6

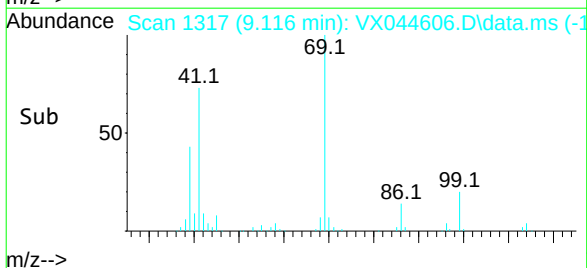
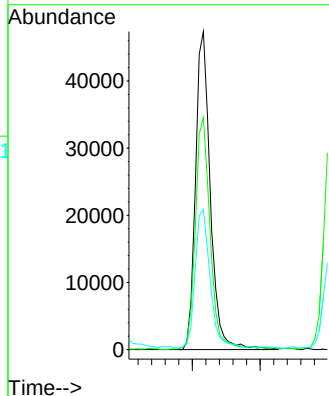
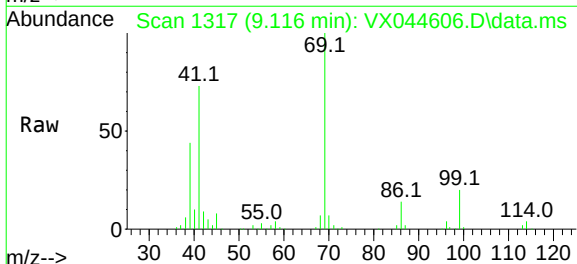
Manual Integrations
APPROVED

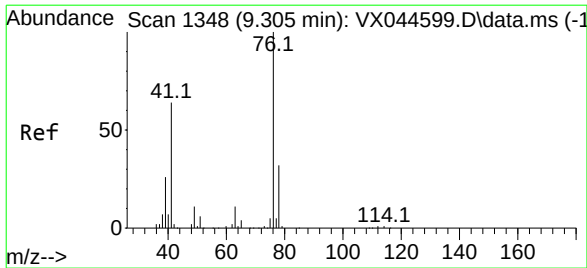
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#56
Ethyl methacrylate
Concen: 19.791 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

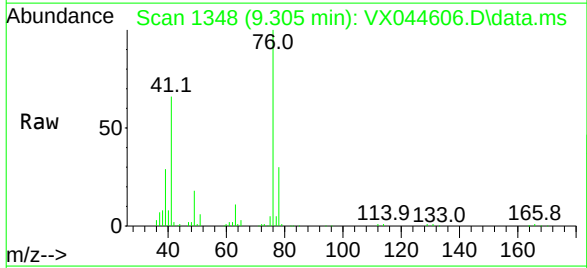
Tgt Ion:	69	Resp:	71741
Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.7	86.5
39	44.4	33.7	50.5





#57
1,3-Dichloropropane
Concen: 18.819 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

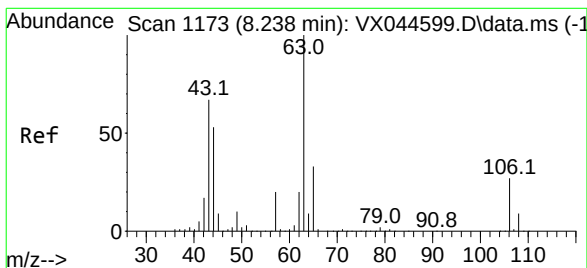
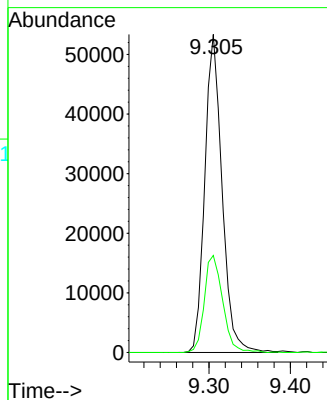
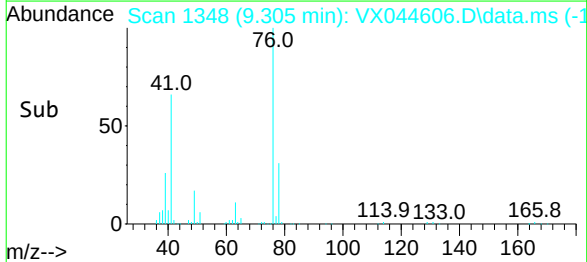
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 76 Resp: 78769
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

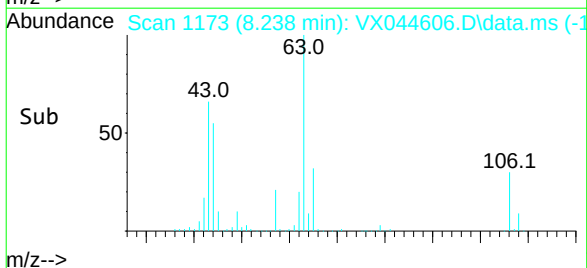
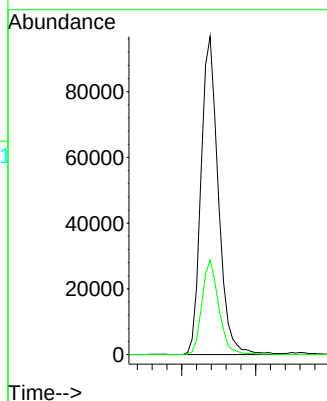
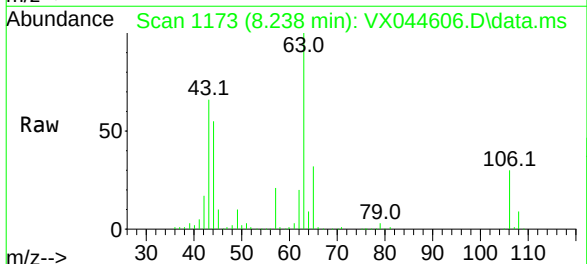
Manual Integrations
APPROVED

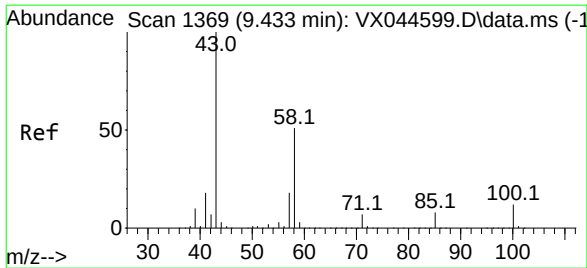
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 87.493 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 63 Resp: 157231
Ion Ratio Lower Upper
63 100
106 28.8 22.4 33.6





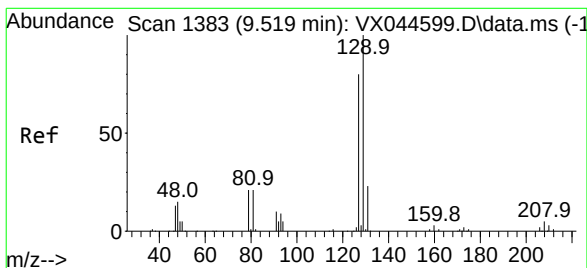
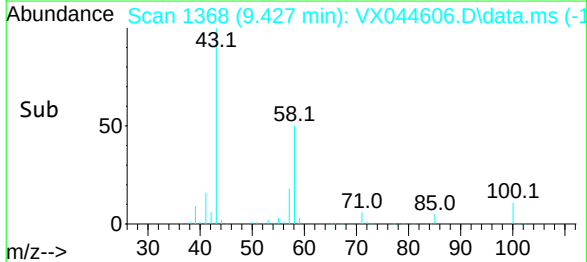
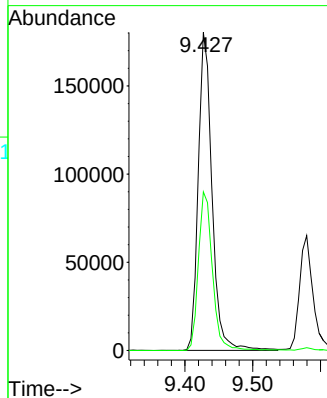
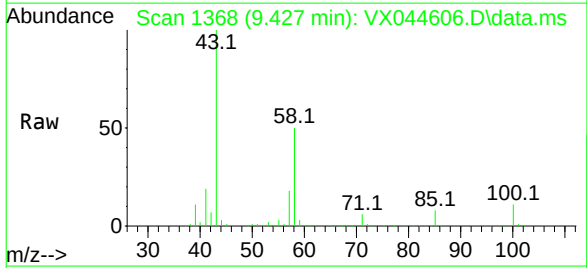
#59
2-Hexanone
Concen: 108.615 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 43 Resp: 253622
Ion Ratio Lower Upper
43 100
58 51.2 25.4 76.4

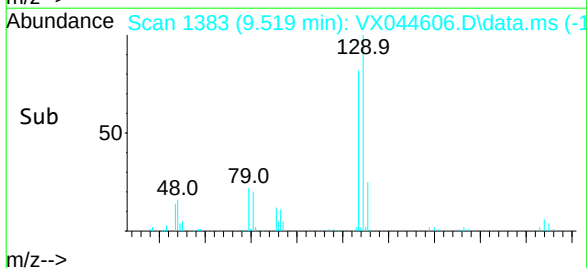
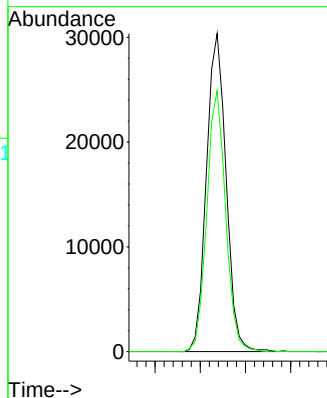
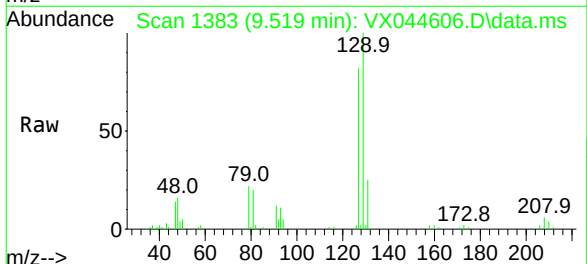
Manual Integrations
APPROVED

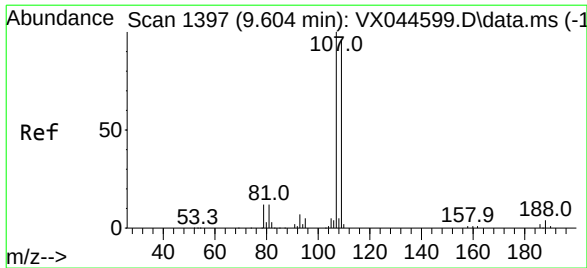
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
Dibromochloromethane
Concen: 18.434 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:129 Resp: 45815
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





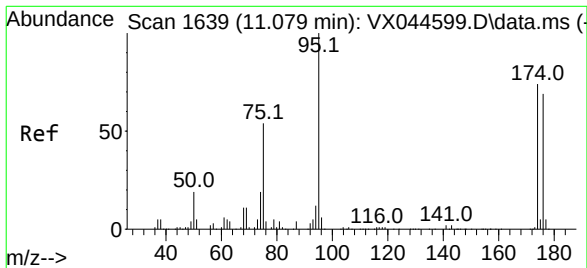
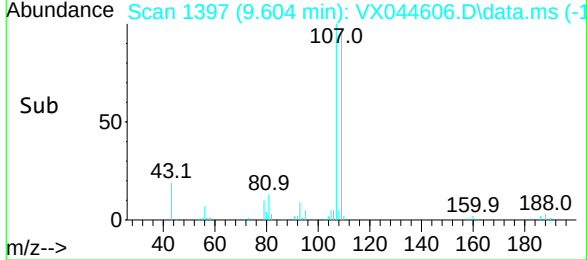
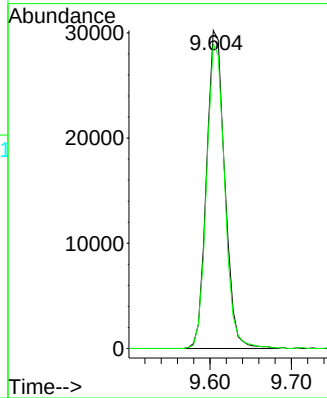
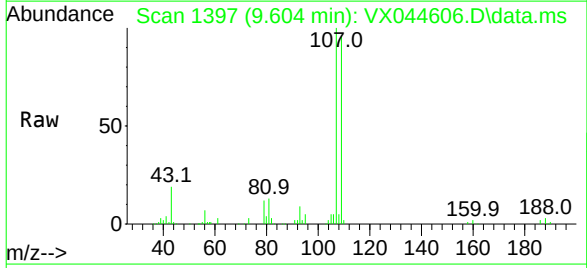
#61
1,2-Dibromoethane
Concen: 18.696 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion: 107 Resp: 47065
Ion Ratio Lower Upper
107 100
109 95.3 76.7 115.1

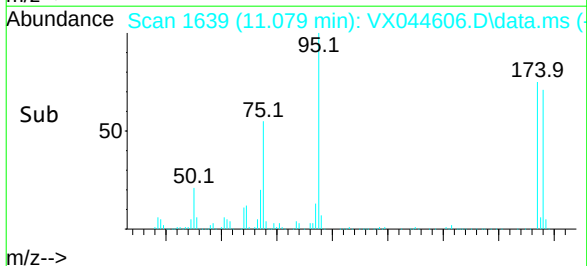
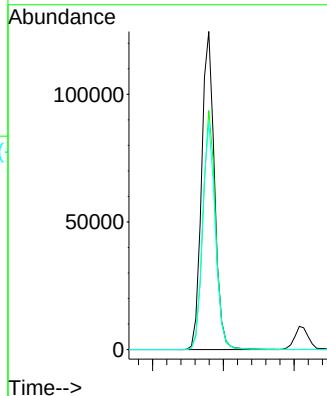
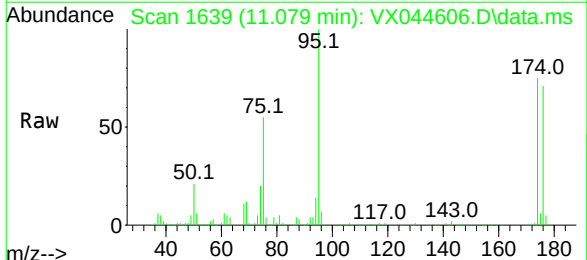
Manual Integrations
APPROVED

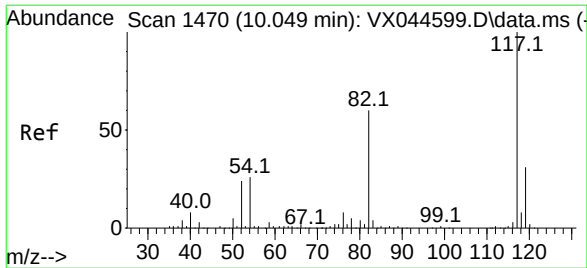
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025



#62
4-Bromofluorobenzene
Concen: 50.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 95 Resp: 157465
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.8
176 70.7 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

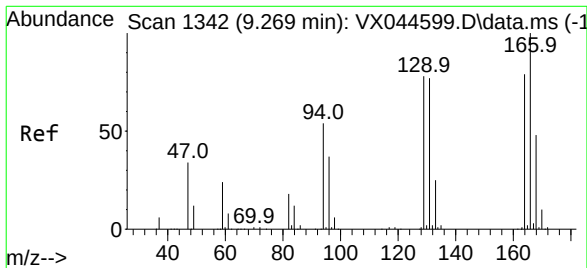
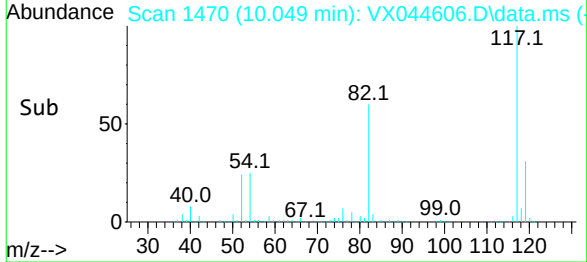
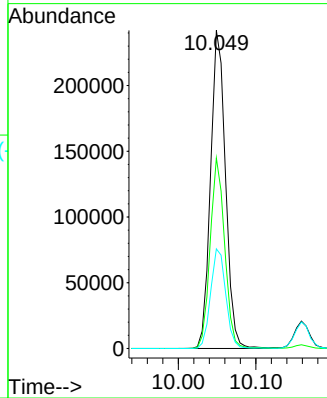
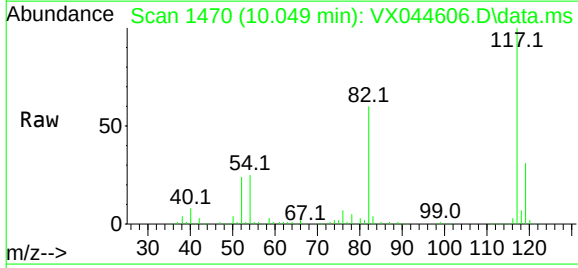
Tgt Ion:	117	Resp:	324333
Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.8	71.6
119	31.3	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#64

Tetrachloroethene

Concen: 17.340 ug/l

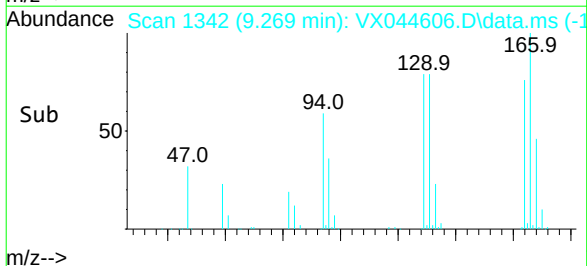
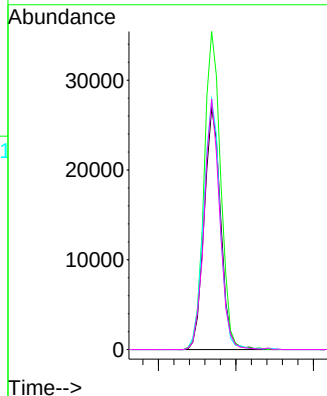
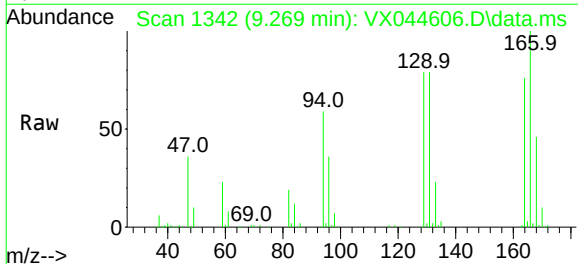
RT: 9.269 min Scan# 1342

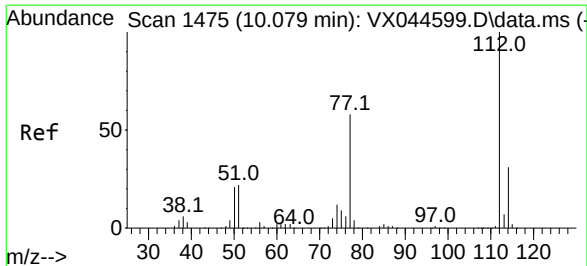
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	164	Resp:	39764
Ion	Ratio	Lower	Upper
164	100		
166	131.7	101.5	152.3
129	103.8	78.9	118.3
131	103.7	77.9	116.9





#65

Chlorobenzene

Concen: 18.278 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion:112 Resp: 125819

Ion Ratio Lower Upper

112 100

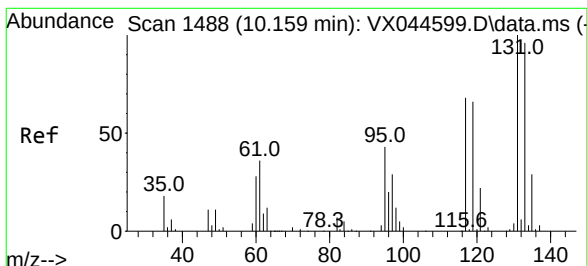
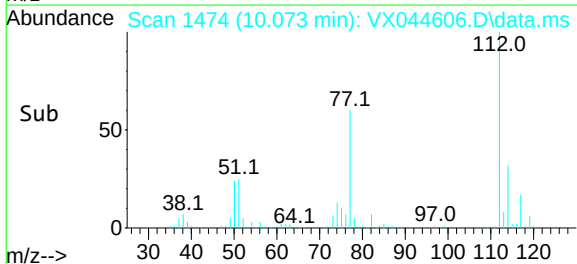
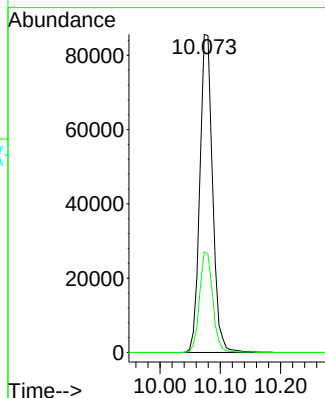
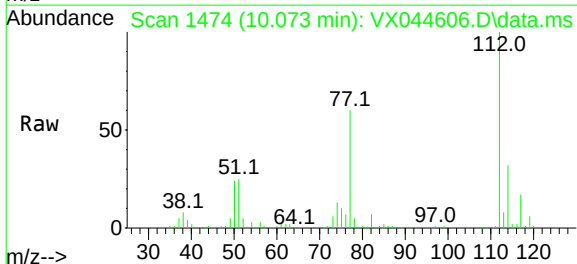
114 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 18.761 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

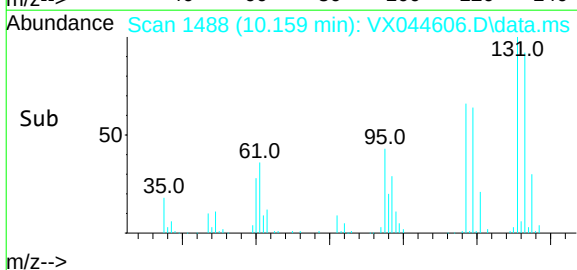
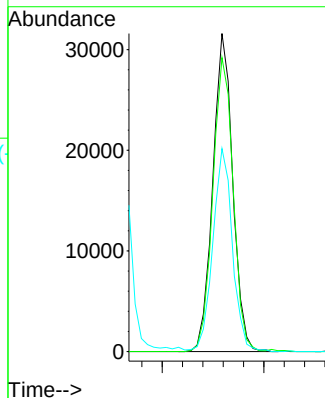
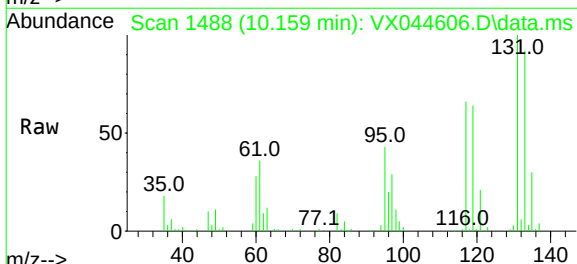
Tgt Ion:131 Resp: 42891

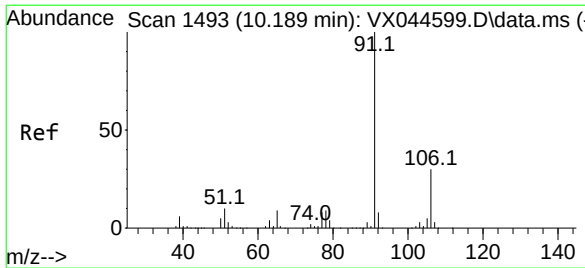
Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

119 62.9 32.8 98.4





#67

Ethyl Benzene

Concen: 18.804 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion: 91 Resp: 222276

Ion Ratio Lower Upper

91 100

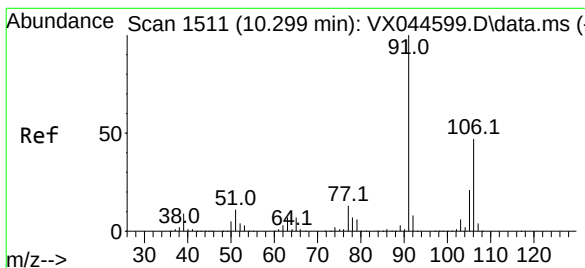
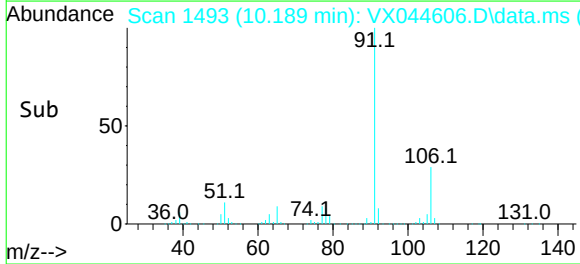
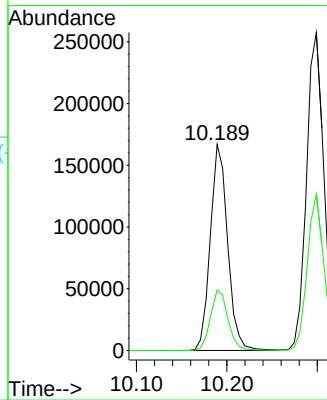
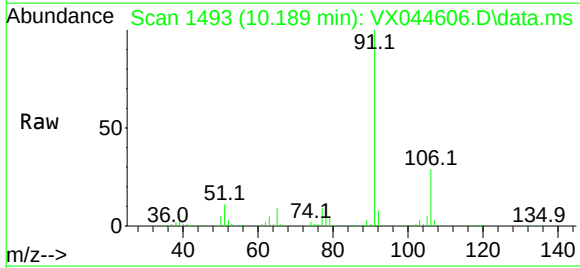
106 29.4 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#68

m/p-Xylenes

Concen: 38.006 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044606.D

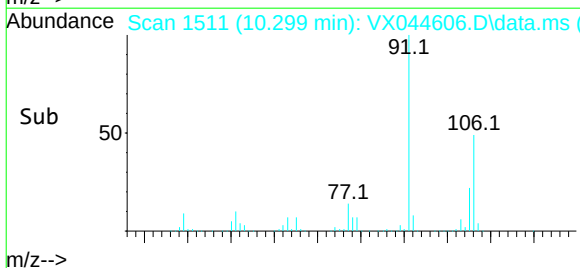
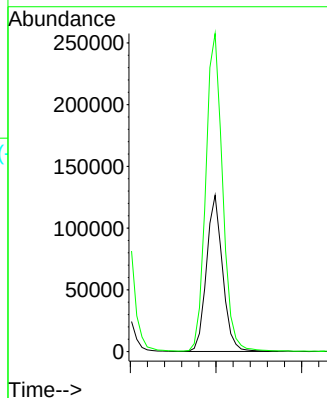
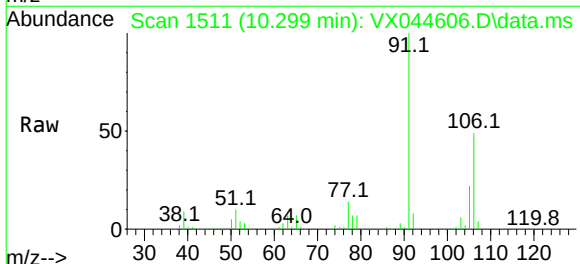
Acq: 07 Jan 2025 16:57

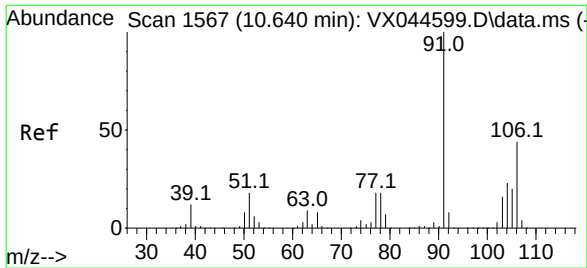
Tgt Ion:106 Resp: 165085

Ion Ratio Lower Upper

106 100

91 212.1 170.4 255.6





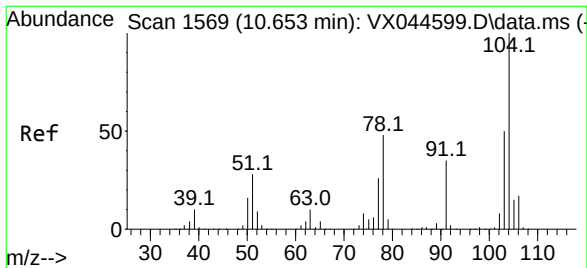
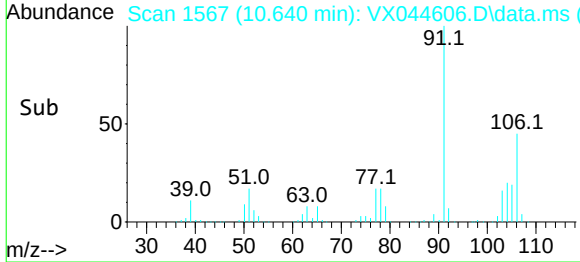
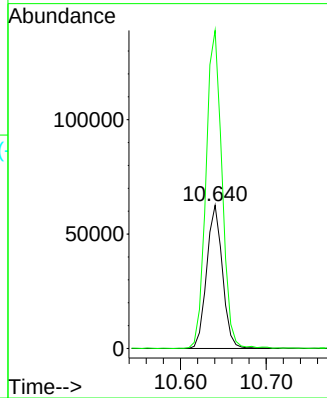
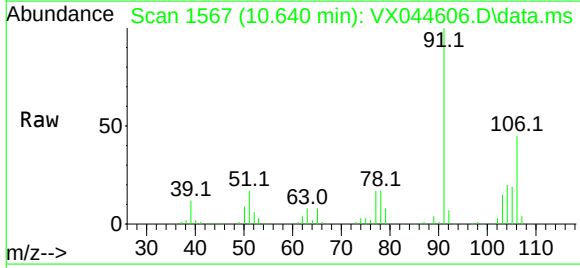
#69
o-Xylene
Concen: 18.274 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:106 Resp: 80120
Ion Ratio Lower Upper
106 100
91 225.9 112.3 336.8

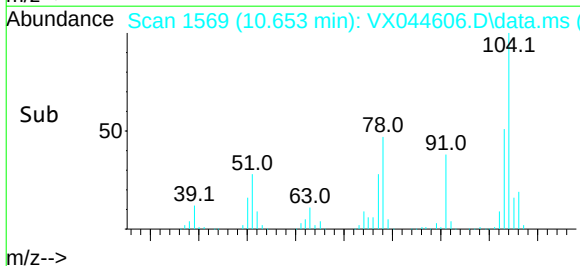
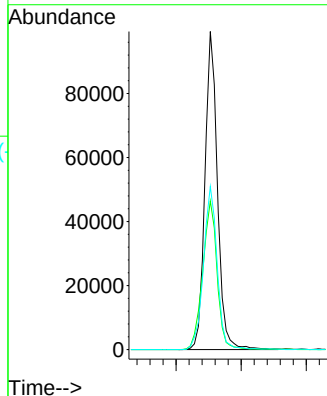
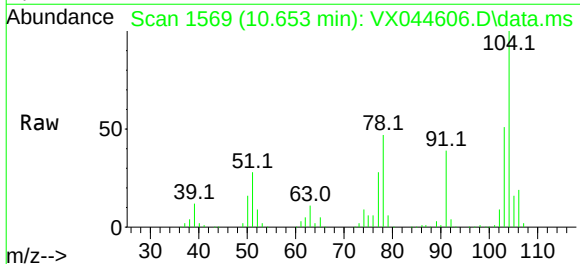
Manual Integrations
APPROVED

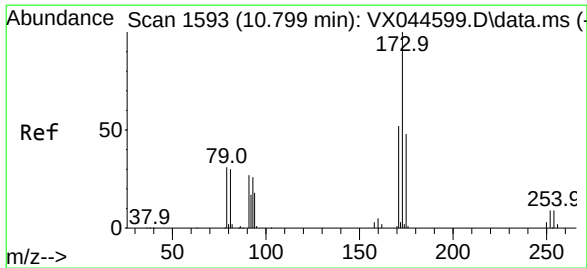
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70
Styrene
Concen: 18.940 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:104 Resp: 132817
Ion Ratio Lower Upper
104 100
78 53.9 44.0 66.0
103 56.3 43.8 65.6





#71

Bromoform

Concen: 17.838 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

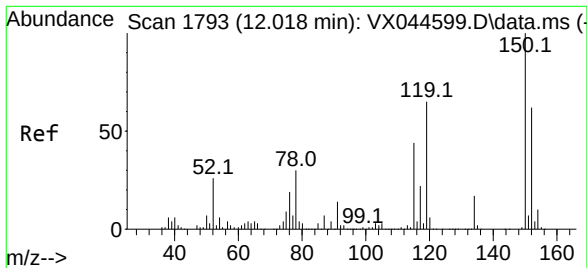
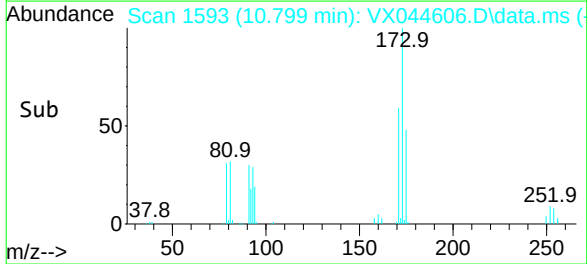
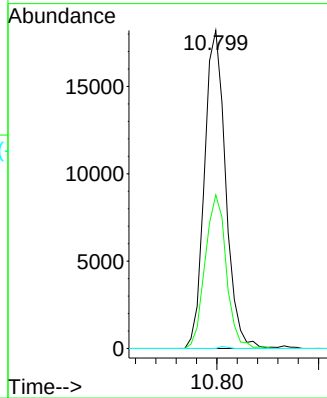
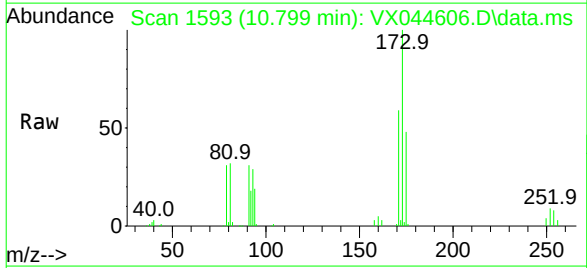
Tgt Ion:	173	Resp:	26348
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.3	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

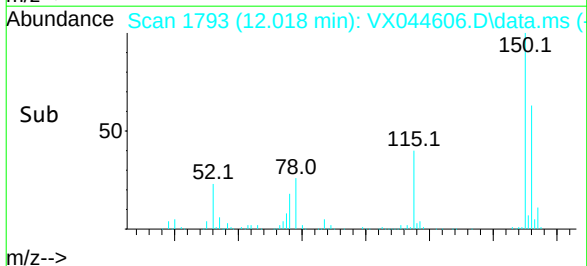
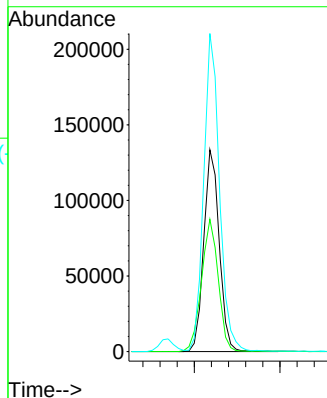
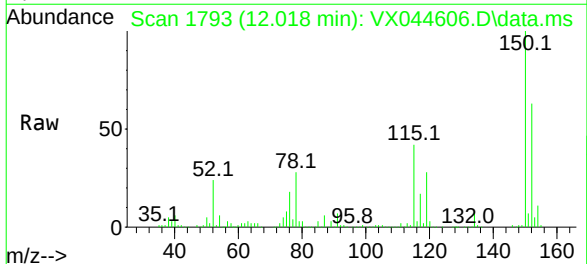
RT: 12.018 min Scan# 1793

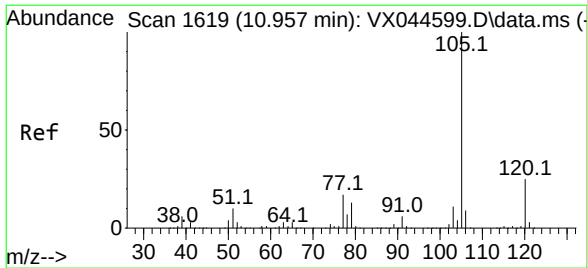
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	152	Resp:	167120
Ion Ratio	Lower	Upper	
152	100		
115	70.9	44.4	133.1
150	160.5	0.0	355.0





#73

Isopropylbenzene

Concen: 17.230 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion:105 Resp: 213335

Ion Ratio Lower Upper

105 100

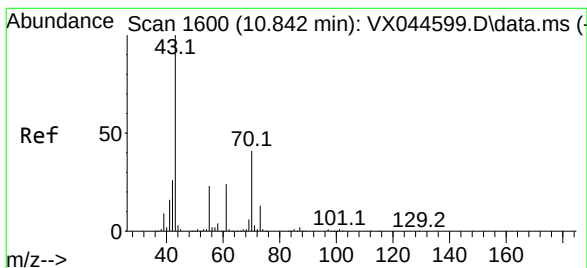
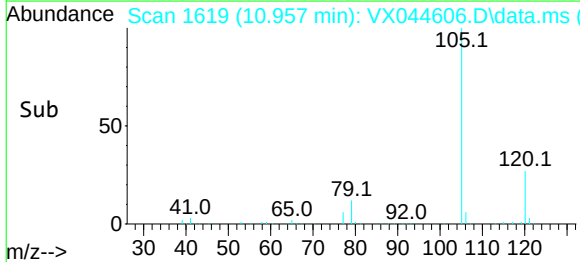
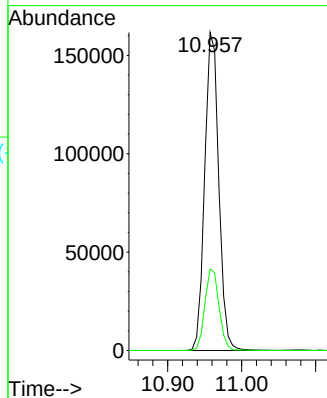
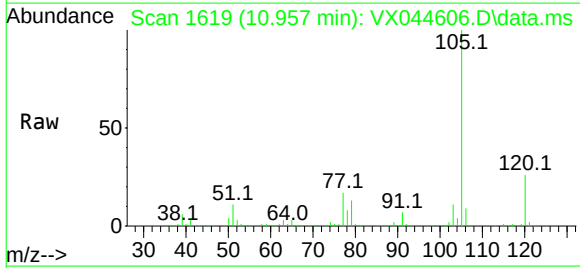
120 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

N-ethyl acetate

Concen: 18.157 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion: 43 Resp: 91220

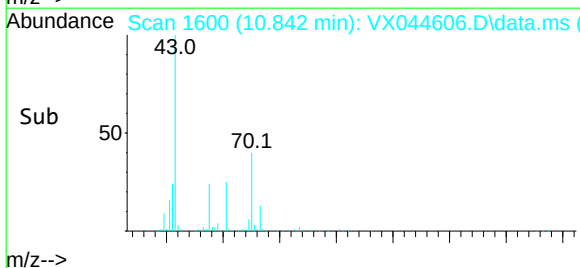
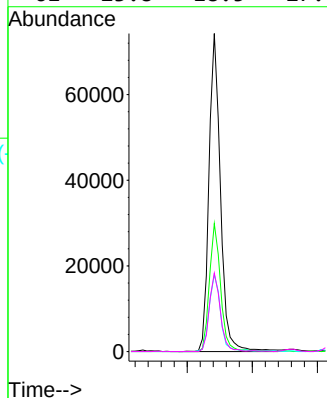
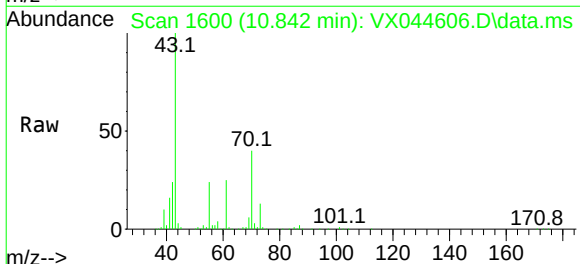
Ion Ratio Lower Upper

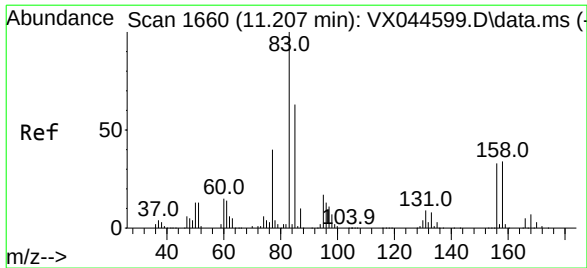
43 100

70 39.1 32.9 49.3

55 24.1 19.0 28.6

61 23.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.074 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

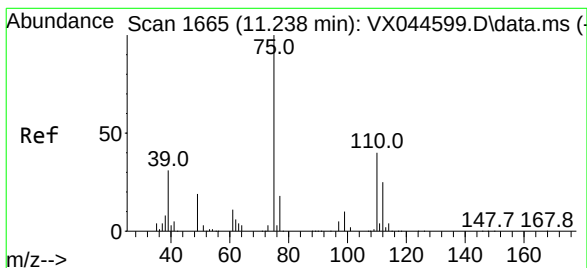
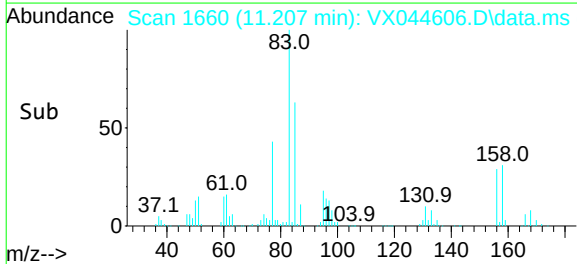
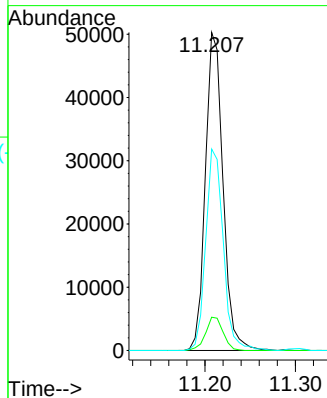
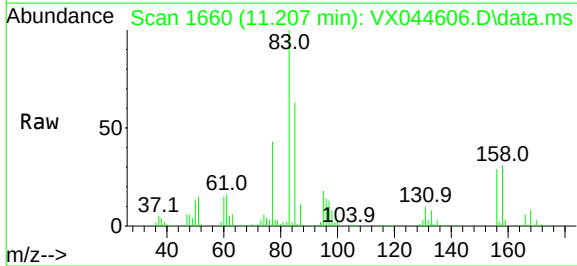
Tgt Ion:	83	Resp:	68139
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	63.2	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#76

1,2,3-Trichloropropane

Concen: 17.628 ug/l m

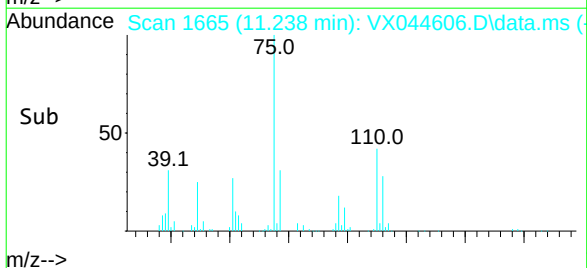
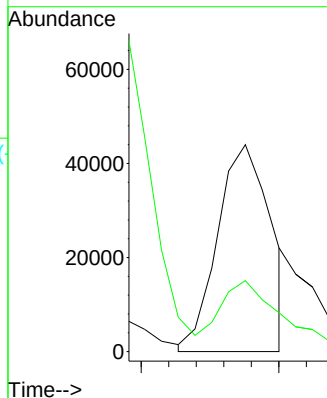
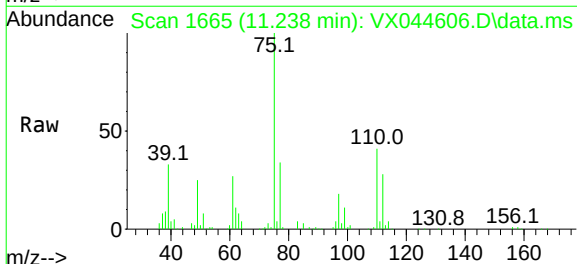
RT: 11.238 min Scan# 1665

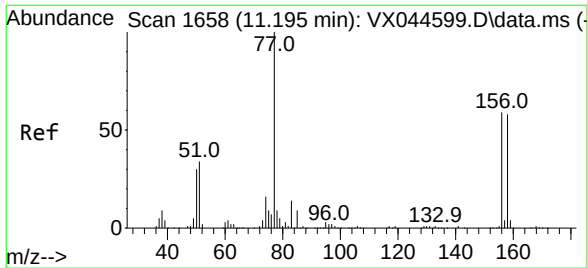
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	75	Resp:	59055
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.1	63.1





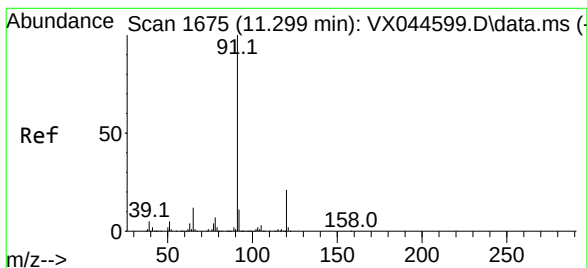
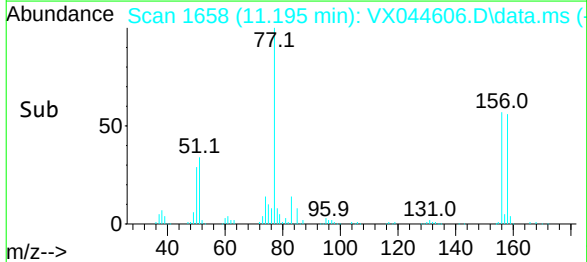
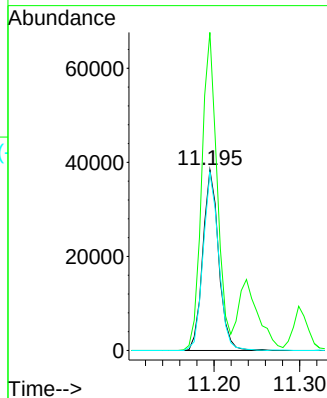
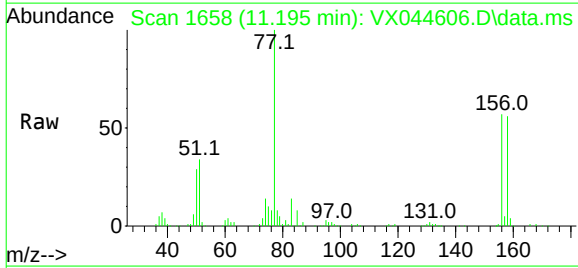
#77
Bromobenzene
Concen: 16.401 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:156 Resp: 49329
Ion Ratio Lower Upper
156 100
77 171.7 85.7 257.1
158 97.0 49.9 149.6

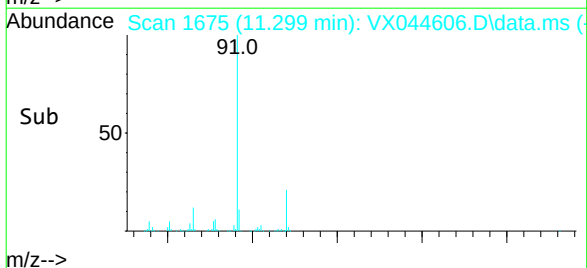
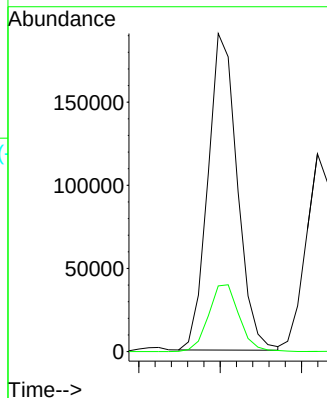
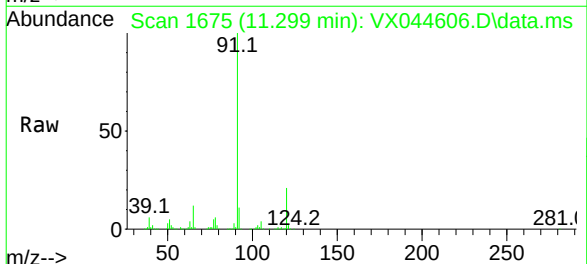
Manual Integrations
APPROVED

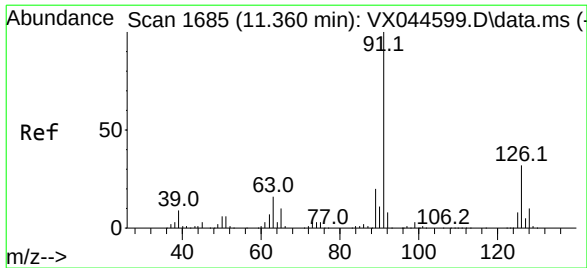
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#78
n-propylbenzene
Concen: 17.152 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 91 Resp: 239201
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5





#79

2-Chlorotoluene

Concen: 16.335 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

Tgt Ion: 91 Resp: 147621

Ion Ratio Lower Upper

91 100

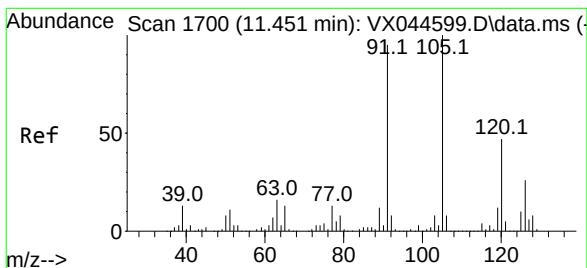
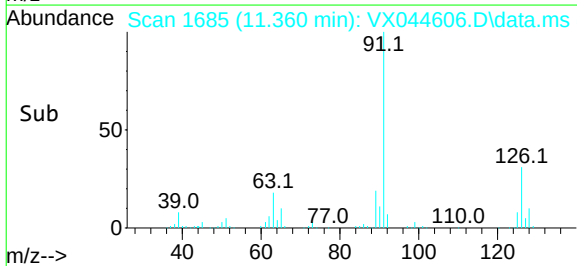
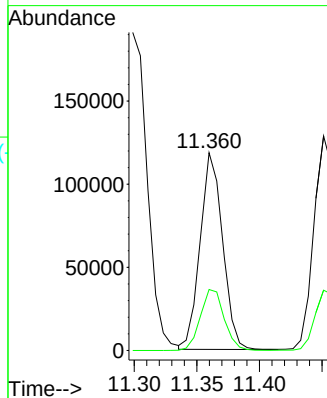
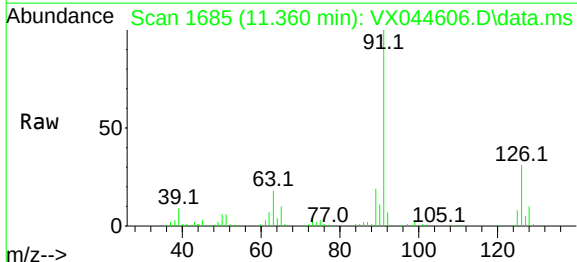
126 32.9 16.4 49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#80

1,3,5-Trimethylbenzene

Concen: 17.427 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044606.D

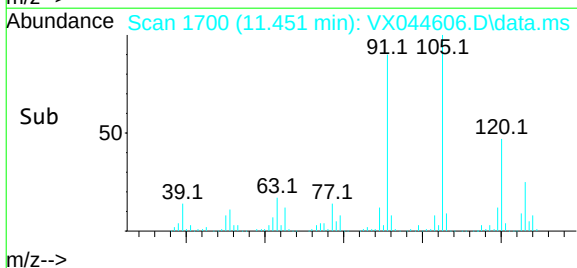
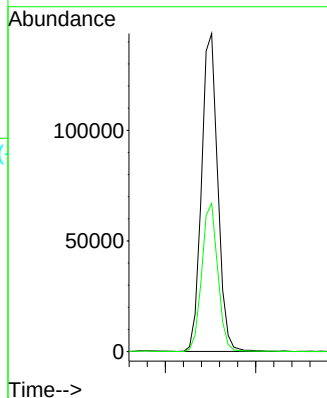
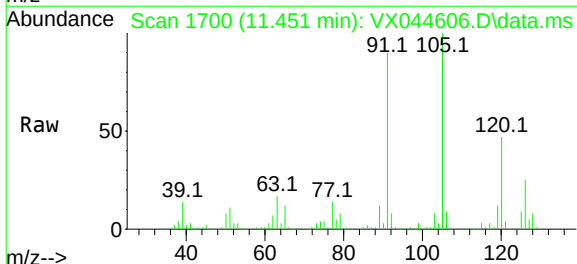
Acq: 07 Jan 2025 16:57

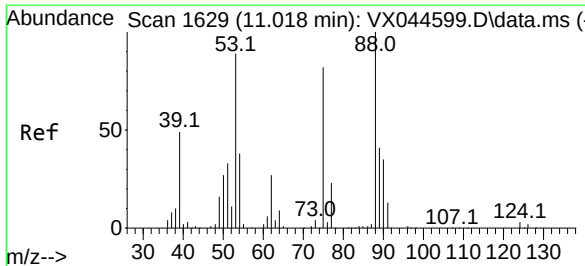
Tgt Ion:105 Resp: 178900

Ion Ratio Lower Upper

105 100

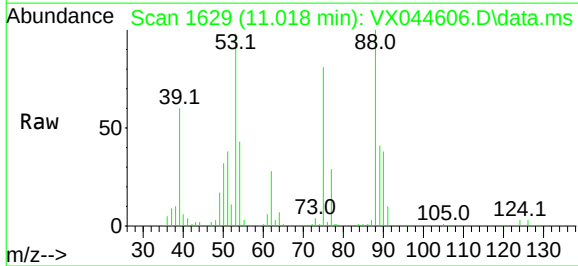
120 46.3 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 16.490 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

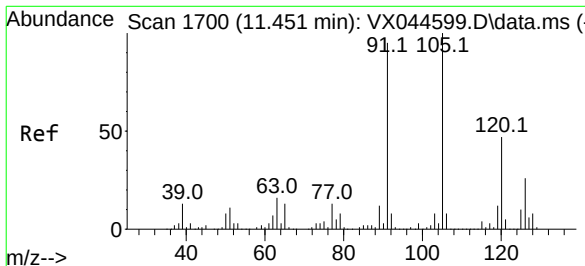
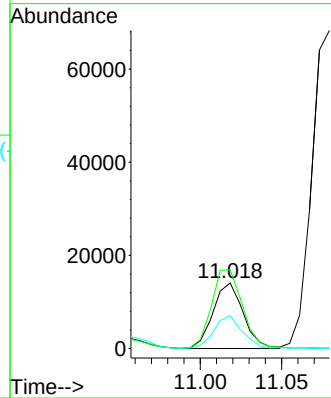
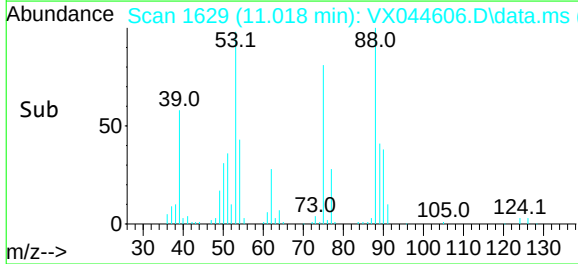
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 75 Resp: 18148
Ion Ratio Lower Upper
75 100
53 123.8 92.7 139.1
89 47.6 38.3 57.5

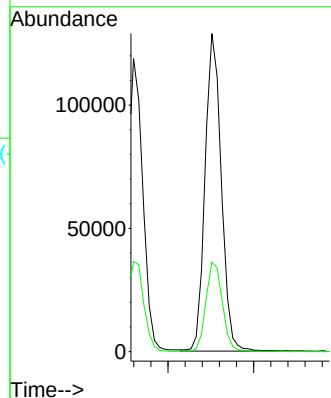
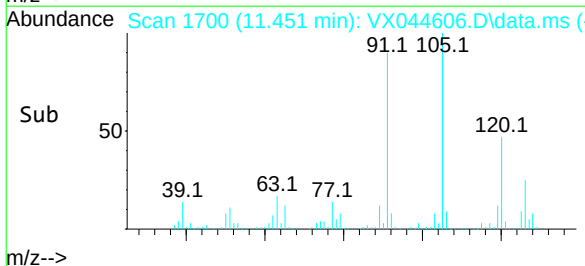
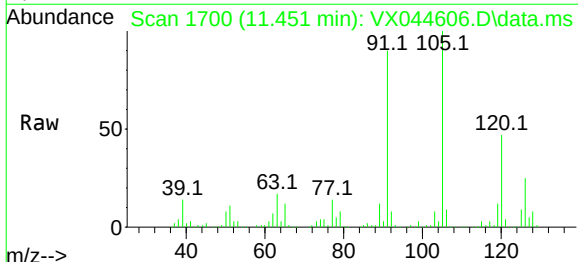
Manual Integrations
APPROVED

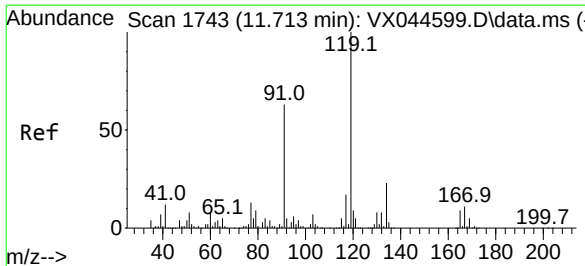
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
4-Chlorotoluene
Concen: 16.659 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 91 Resp: 169363
Ion Ratio Lower Upper
91 100
126 28.8 14.0 42.0





#83

tert-Butylbenzene

Concen: 19.579 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

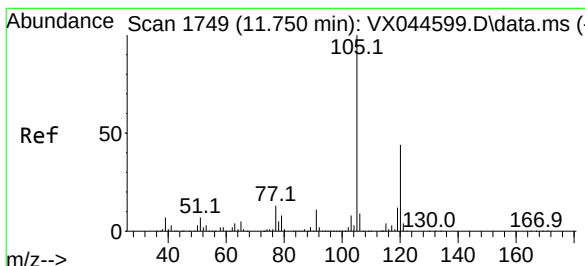
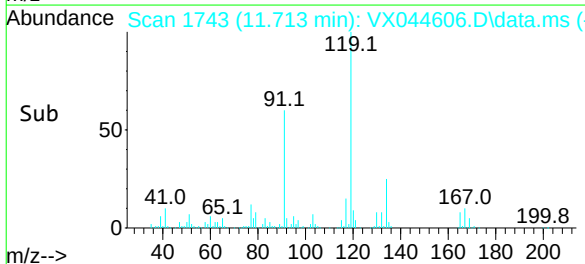
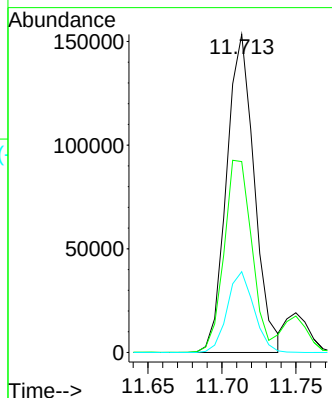
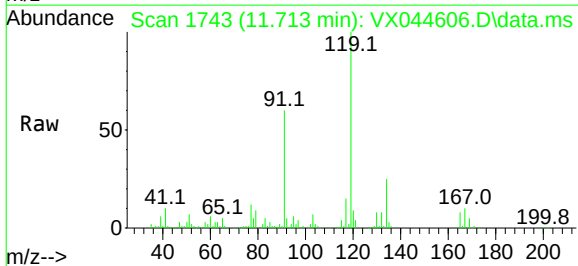
Tgt Ion:	119	Resp:	200140
Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.9	92.8
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.322 ug/l

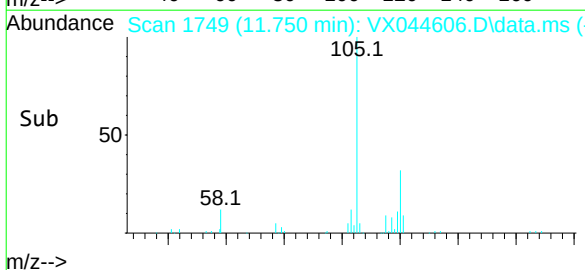
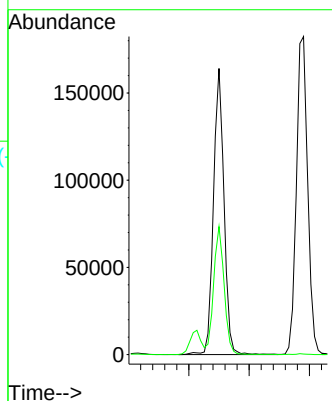
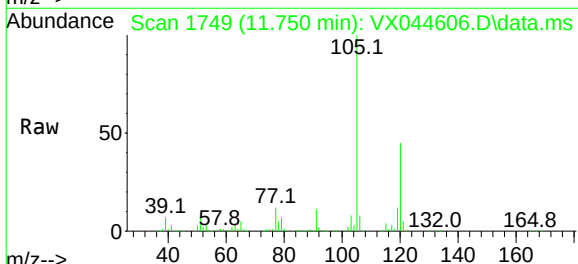
RT: 11.750 min Scan# 1749

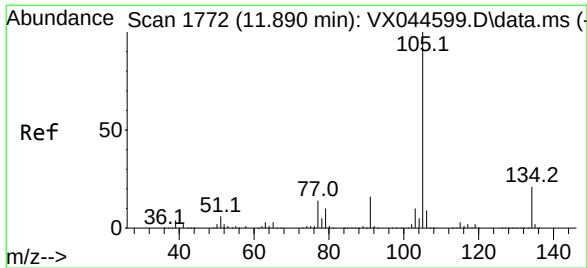
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	105	Resp:	199250
Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.9	65.7





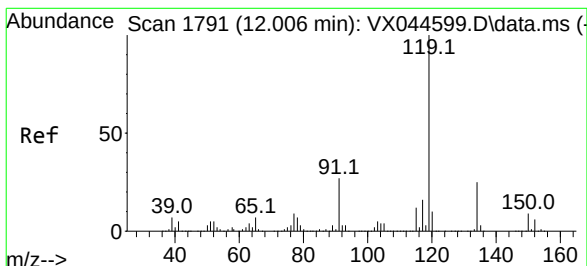
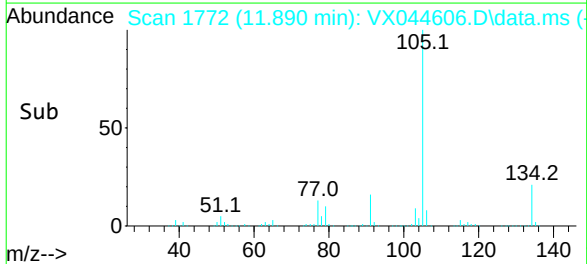
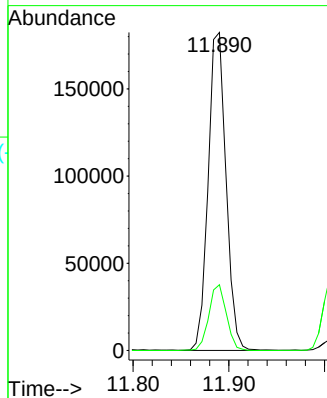
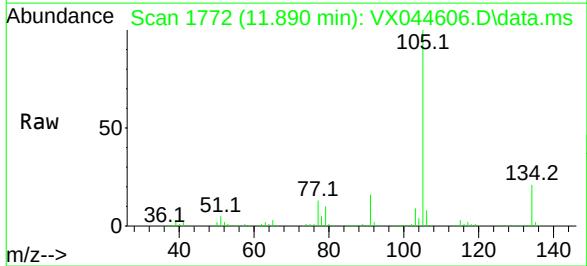
#85
sec-Butylbenzene
Concen: 18.999 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02

Tgt Ion:105 Resp: 236525
Ion Ratio Lower Upper
105 100
134 20.3 9.9 29.7

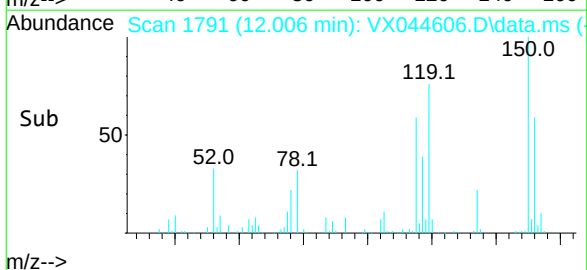
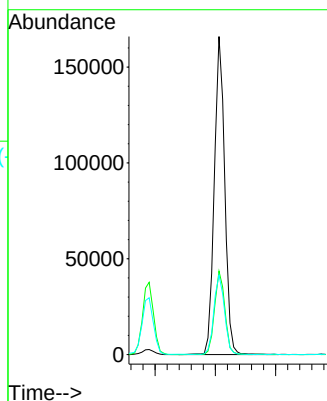
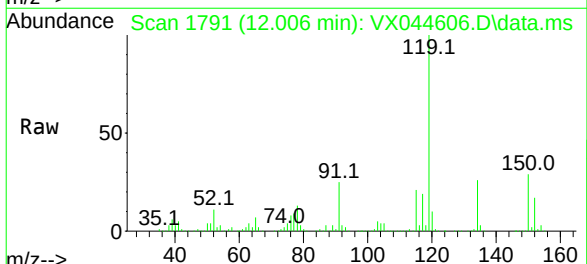
Manual Integrations
APPROVED

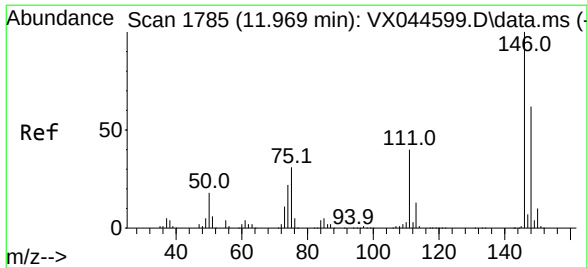
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#86
p-Isopropyltoluene
Concen: 19.136 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion:119 Resp: 199894
Ion Ratio Lower Upper
119 100
134 25.9 12.6 37.8
91 25.5 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 18.480 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

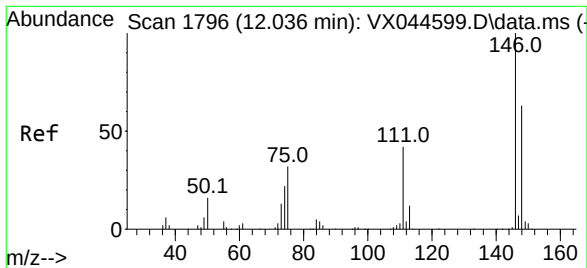
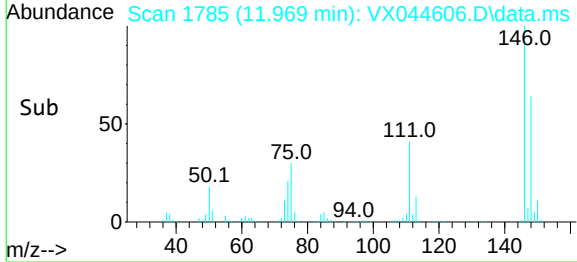
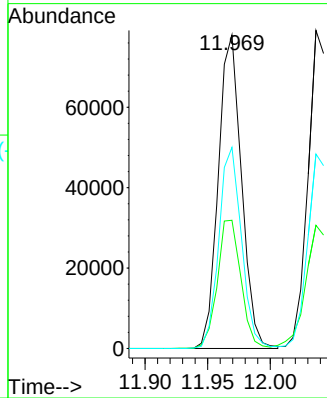
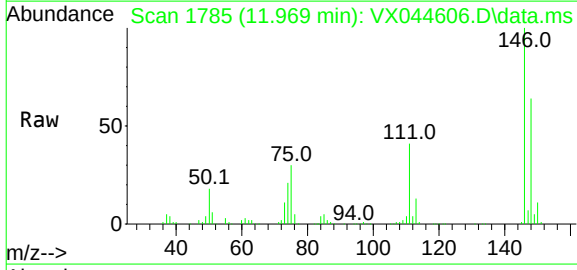
Tgt Ion:	146	Resp:	100552
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.0	63.0
148	62.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#88

1,4-Dichlorobenzene

Concen: 17.804 ug/l

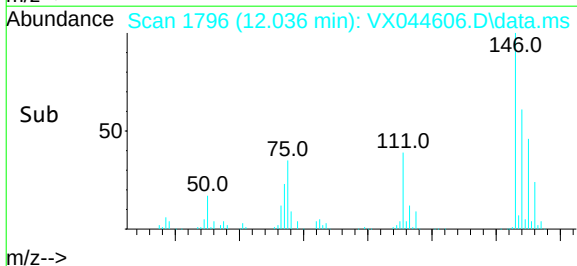
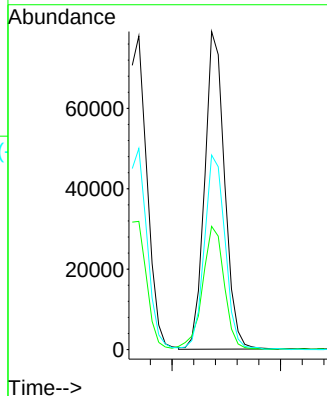
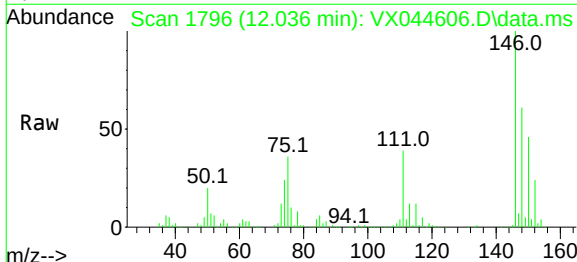
RT: 12.036 min Scan# 1796

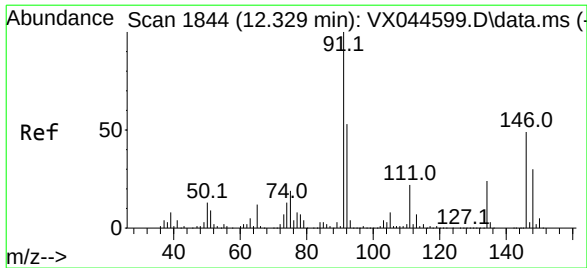
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

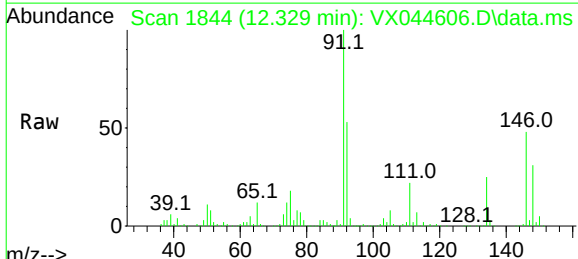
Tgt Ion:	146	Resp:	100929
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.7	62.1
148	64.2	31.8	95.4





#89
n-Butylbenzene
Concen: 18.915 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

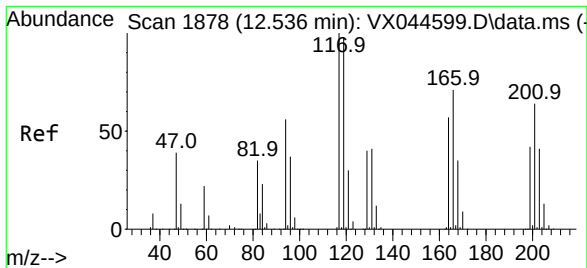
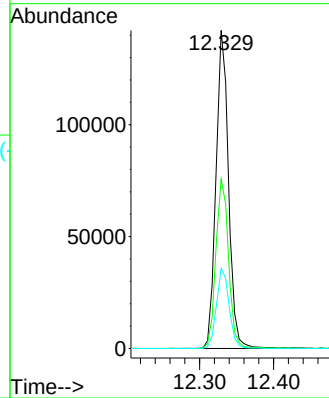
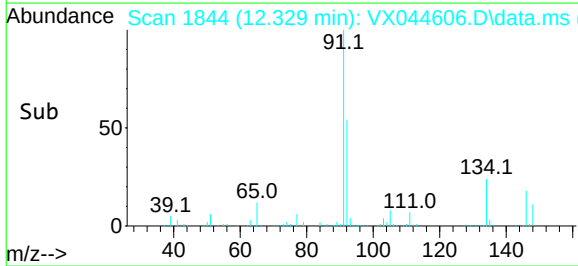
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion: 91 Resp: 166838
Ion Ratio Lower Upper
91 100
92 54.5 26.5 79.4
134 25.5 12.4 37.2

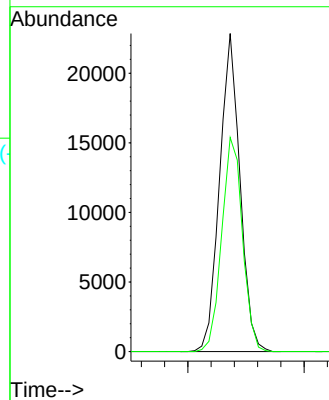
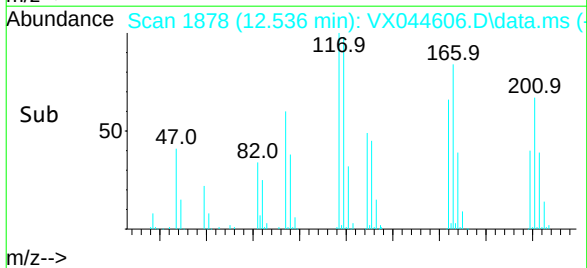
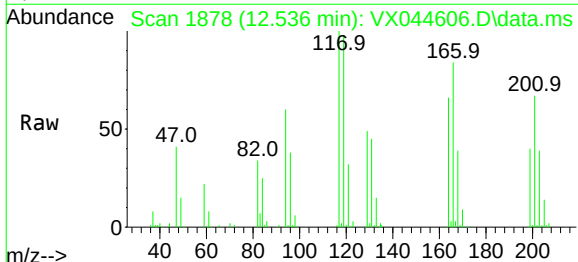
Manual Integrations
APPROVED

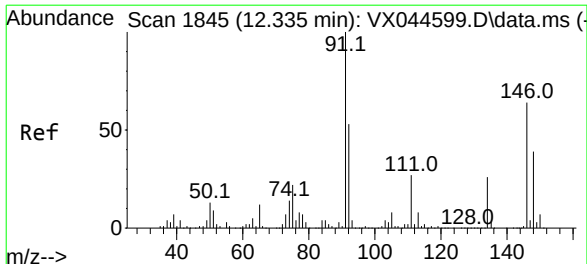
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#90
Hexachloroethane
Concen: 16.588 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

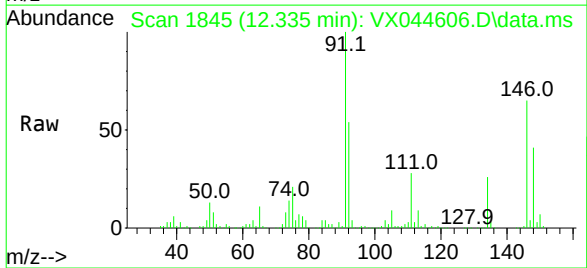
Tgt Ion:117 Resp: 27835
Ion Ratio Lower Upper
117 100
201 68.6 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 18.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

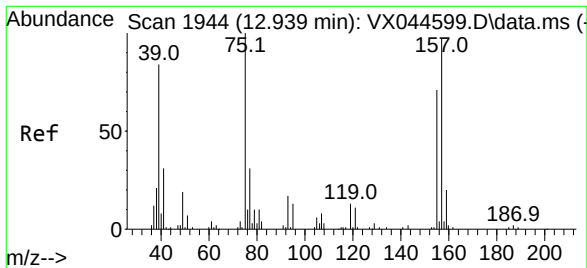
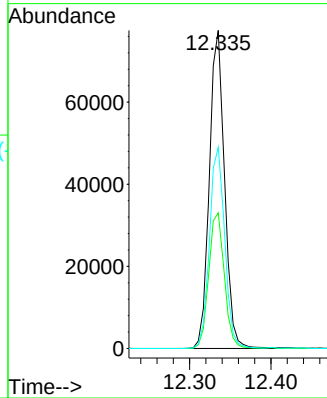
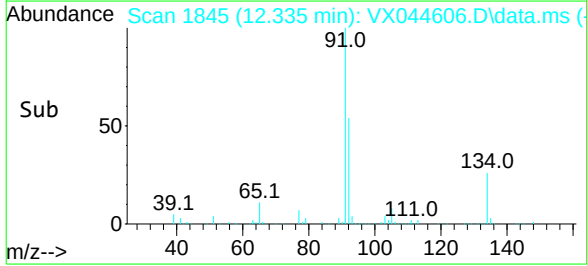
Instrument :
MSVOA_X
ClientSampleId :
VX0107WBS02



Tgt Ion:146 Resp: 100486
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.4
148 63.6 31.1 93.3

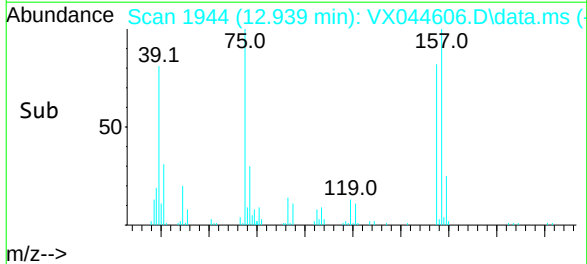
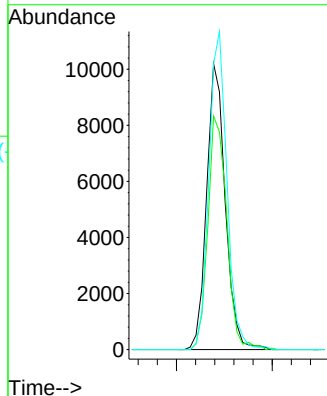
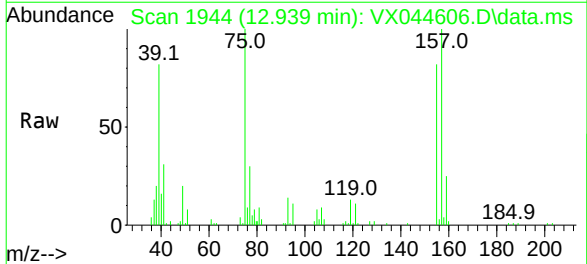
Manual Integrations
APPROVED

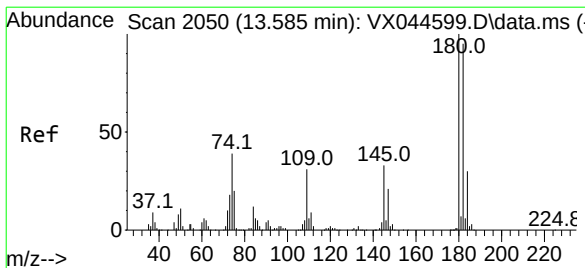
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.244 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044606.D
Acq: 07 Jan 2025 16:57

Tgt Ion: 75 Resp: 13803
Ion Ratio Lower Upper
75 100
155 82.8 37.4 112.1
157 107.6 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 17.601 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

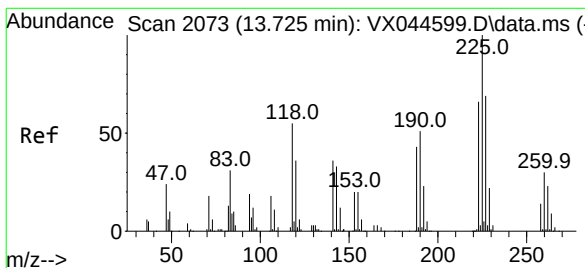
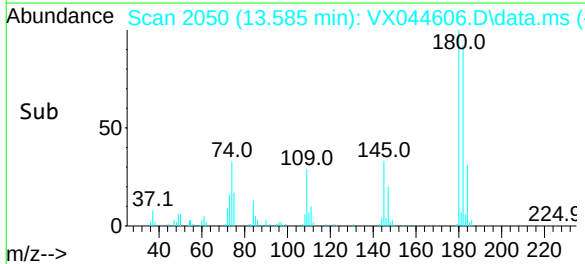
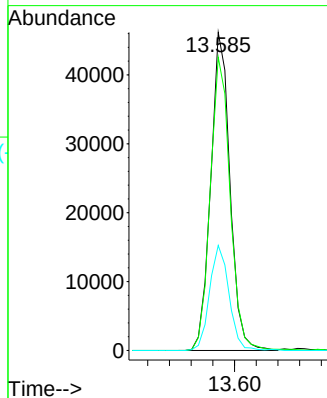
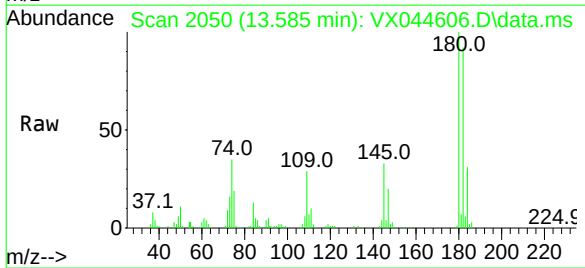
Tgt Ion:	180	Resp:	56878
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.9	143.6
145	33.5	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#94

Hexachlorobutadiene

Concen: 17.902 ug/l

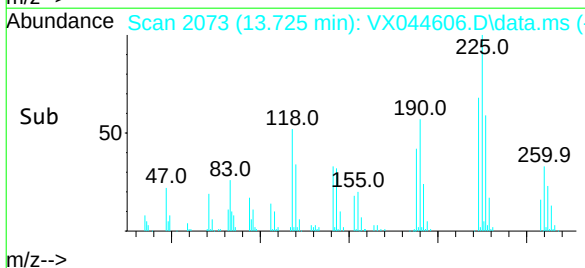
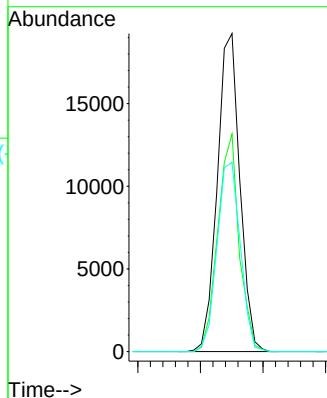
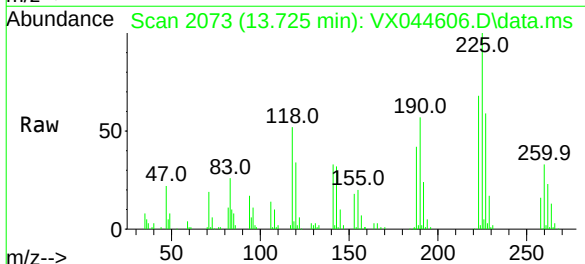
RT: 13.725 min Scan# 2073

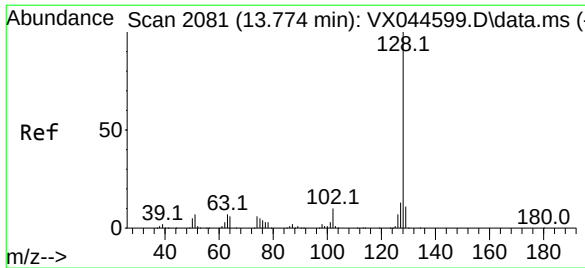
Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	225	Resp:	24088
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.6	94.8
227	61.3	31.9	95.9





#95

Naphthalene

Concen: 19.340 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBS02

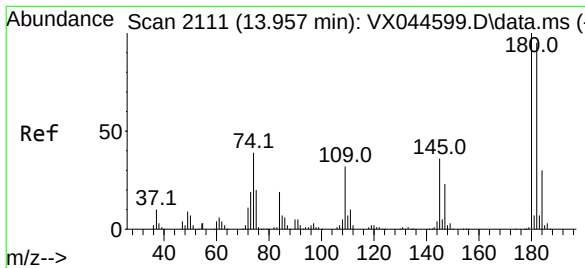
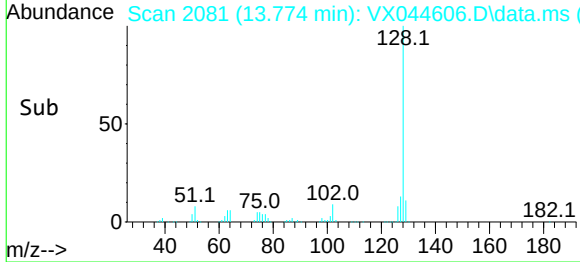
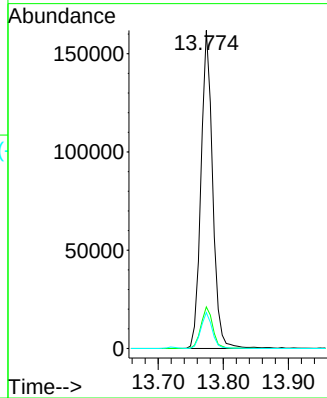
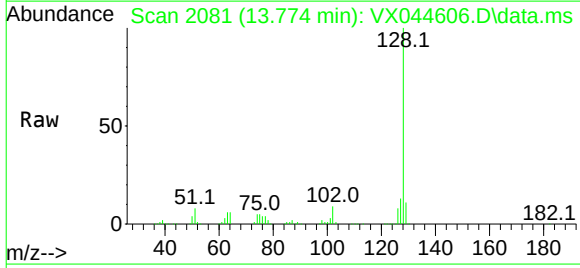
Tgt Ion:	128	Resp:	201646
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.973 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044606.D

Acq: 07 Jan 2025 16:57

Tgt Ion:	180	Resp:	62675
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.6	142.9
145	34.2	17.6	52.9

