

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040834.D
 Acq On : 29 Mar 2024 11:03
 Operator : JC/MD
 Sample : VX0329WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 29 22:57:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	3833	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	29058	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	36176	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	18711	28.483	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.933%		
60) 4-Bromofluorobenzene	11.079	95	24076	30.466	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.567%		
63) Toluene-d8	8.647	98	40738	28.725	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.733%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	12879	19.192	ug/l	96
3) Chloromethane	1.300	50	12316	20.105	ug/l	95
4) Vinyl Chloride	1.374	62	12853	20.360	ug/l	97
5) Bromomethane	1.611	94	8859	22.216	ug/l	96
6) Chloroethane	1.691	64	7618	19.080	ug/l	99
7) Trichlorofluoromethane	1.892	101	19864	18.149	ug/l	96
8) Diethyl Ether	2.136	74	6128	17.957	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	12006	19.609	ug/l	97
10) 1,1-Dichloroethene	2.319	96	10941	19.066	ug/l	94
11) Methyl Iodide	2.453	142	15289	19.491	ug/l	91
12) Methyl Acetate	2.703	43	14485	17.583	ug/l	96
13) Acrolein	2.233	56	7649	84.753	ug/l	99
14) Acrylonitrile	3.056	53	32546	90.742	ug/l	99
15) Acetone	2.373	58	8856	87.070	ug/l #	65
16) Carbon Disulfide	2.514	76	30892	19.167	ug/l	97
17) Allyl chloride	2.666	41	19791	18.786	ug/l	93
18) Methylene Chloride	2.788	84	11697	18.943	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	11543	19.248	ug/l	97
20) Diisopropyl ether	3.757	45	38546	18.792	ug/l	97
21) 1,1-Dichloroethane	3.605	63	21645	18.692	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	13363	18.966	ug/l	98
23) tert-Butyl Alcohol	2.940	59	14811	89.021	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	38072	18.644	ug/l	93
25) Chloroform	5.092	83	23838	18.992	ug/l	93
26) Cyclohexane	5.470	56	19173	19.918	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	16993	20.957	ug/l	97
30) 2-Butanone	4.544	43	49311	96.117	ug/l	97
31) 2,2-Dichloropropane	4.471	77	19099	19.945	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	21746	20.313	ug/l	97
33) Carbon Tetrachloride	5.678	117	19054	20.619	ug/l	95
34) Benzene	6.037	78	46318	19.914	ug/l	100
35) Methacrylonitrile	4.916	41	10570	19.468	ug/l	95
36) 1,2-Dichloroethane	6.080	62	18463	18.269	ug/l	97
37) Trichloroethene	7.123	130	11480	19.980	ug/l	98
38) Methylcyclohexane	7.379	83	19698	20.578	ug/l	98
39) 1,2-Dichloropropane	7.427	63	11226	20.315	ug/l	98
40) Dibromomethane	7.580	93	9273	20.238	ug/l	98
41) Bromodichloromethane	7.818	83	18260	19.631	ug/l	92
42) Vinyl Acetate	3.715	43	186474	98.338	ug/l	100

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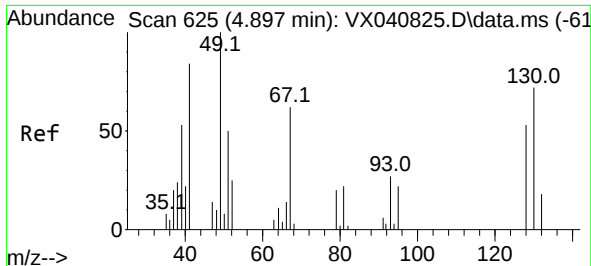
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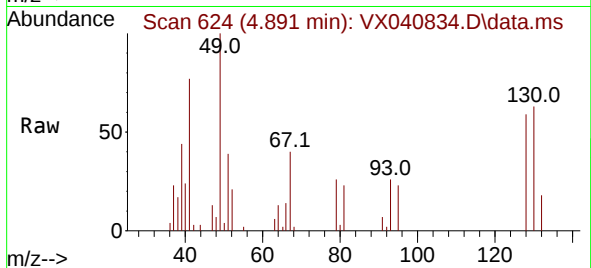
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	19912	19.942	ug/l	96
44) Isopropyl Acetate	6.330	43	30889	19.362	ug/l	95
45) 1,4-Dioxane	7.653	88	5865	392.610	ug/l	93
46) Methyl methacrylate	7.689	41	15395	20.043	ug/l	95
47) n-amyl Acetate	10.841	43	28001	19.492	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	17560	19.030	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	18307	19.204	ug/l	92
50) 1,1,2-Trichloroethane	9.147	97	10851	19.311	ug/l	97
51) Ethyl methacrylate	9.116	69	18411	18.760	ug/l	95
52) 1,3-Dichloropropane	9.305	76	18142	18.785	ug/l	99
53) Dibromochloromethane	9.518	129	12485	18.544	ug/l	97
54) 1,2-Dibromoethane	9.604	107	11837	19.033	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	44333	92.354	ug/l	98
56) Bromoform	10.799	173	9186	19.625	ug/l #	98
58) 4-Methyl-2-Pentanone	8.567	43	95069	93.049	ug/l	97
59) 2-Hexanone	9.427	43	77259	94.884	ug/l	96
61) Tetrachloroethene	9.275	164	9419	19.423	ug/l	96
62) Toluene	8.714	91	44905	18.353	ug/l	99
64) Chlorobenzene	10.079	112	32598	20.610	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	11154	20.123	ug/l	99
66) Ethyl Benzene	10.189	91	59721	20.766	ug/l	98
67) m/p-Xylenes	10.299	106	43837	41.520	ug/l	96
68) o-Xylene	10.640	106	20981	21.094	ug/l	95
69) Styrene	10.652	104	35363	20.490	ug/l	97
70) Isopropylbenzene	10.957	105	57489	21.217	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	18492	19.652	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	16645m	20.894	ug/l	
73) Bromobenzene	11.195	156	13480	20.864	ug/l	97
74) n-propylbenzene	11.305	91	71938	21.267	ug/l	99
75) 2-Chlorotoluene	11.360	91	42231	21.114	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	49456	21.093	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	5831	18.397	ug/l	71
78) 4-Chlorotoluene	11.451	91	50608	21.291	ug/l	98
79) tert-butylbenzene	11.713	119	44499	19.723	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	47298	20.356	ug/l	99
81) sec-Butylbenzene	11.890	105	56401	19.495	ug/l	99
82) p-Isopropyltoluene	12.006	119	47387	19.344	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	24499	19.528	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	24952	19.300	ug/l	99
85) n-Butylbenzene	12.329	91	46433	19.059	ug/l	98
86) Hexachloroethane	12.536	117	8071	18.544	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	23120	19.052	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	4302	17.763	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	15995	18.893	ug/l	98
90) Hexachlorobutadiene	13.725	225	6555	20.646	ug/l	98
91) Naphthalene	13.774	128	54448	19.230	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	16310	20.211	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

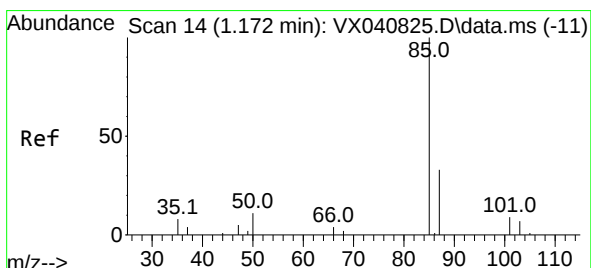
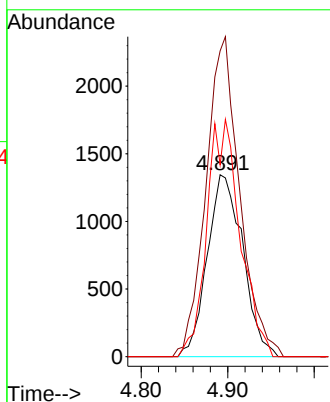
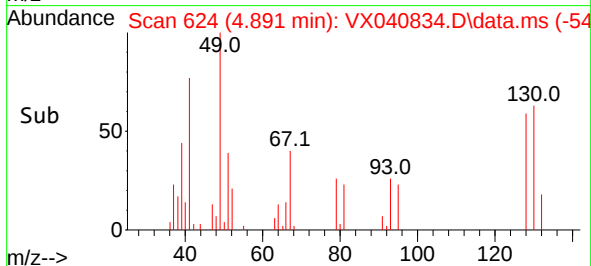
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



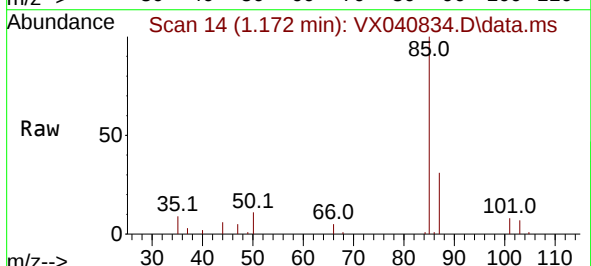
Tgt Ion:128 Resp: 383
Ion Ratio Lower Upper
128 100
49 167.3 0.0 444.0
130 56.4 0.0 297.8

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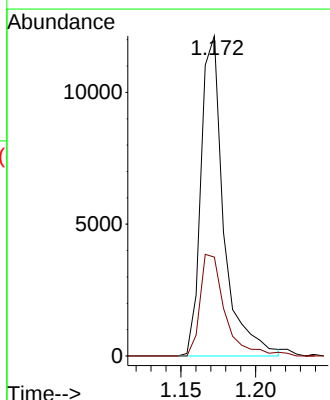
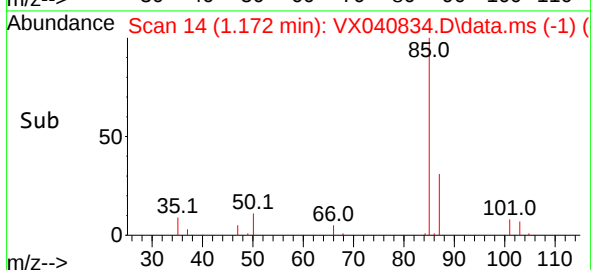
Reviewed By :John Carlone 04/01/2024
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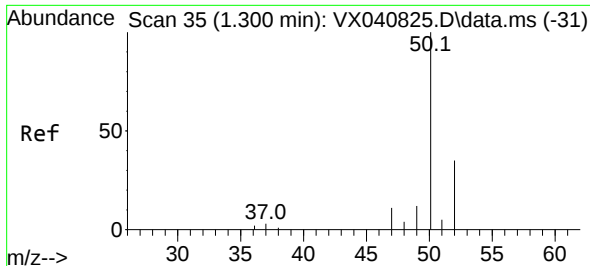


#2
Dichlorodifluoromethane
Concen: 19.192 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



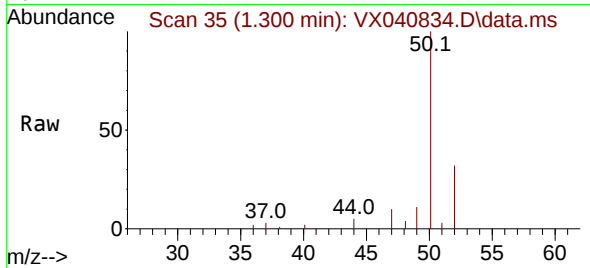
Tgt Ion: 85 Resp: 12879
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





#3
Chloromethane
Concen: 20.105 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

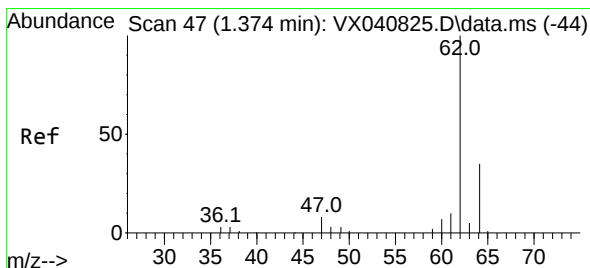
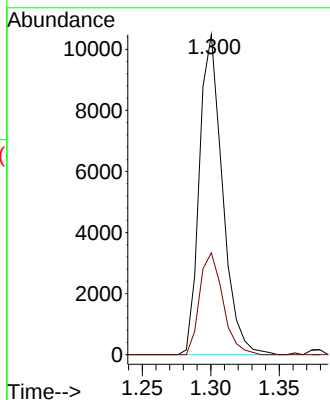
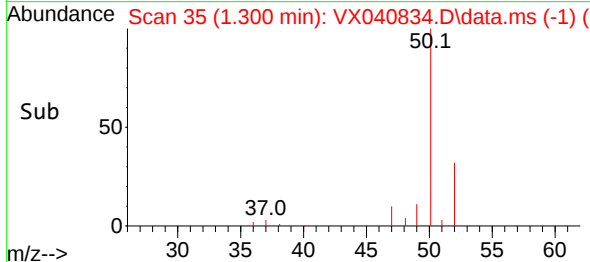
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ClientSampleId :
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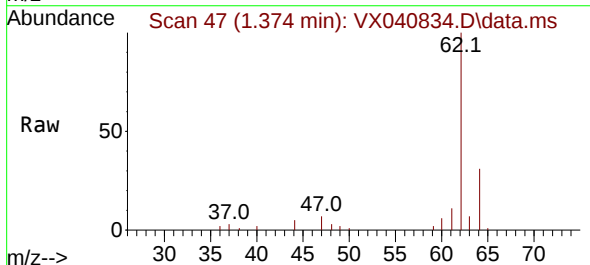
Tgt Ion: 50 Resp: 12310
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.8

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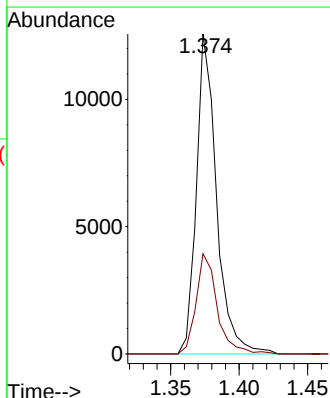
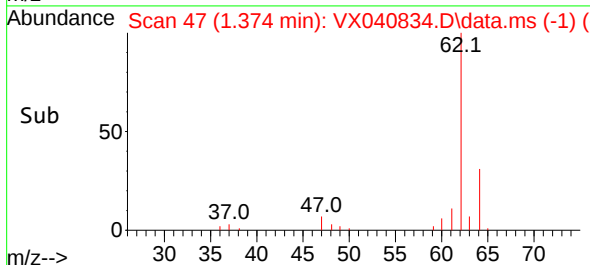
Reviewed By :John Carlone 04/01/2024
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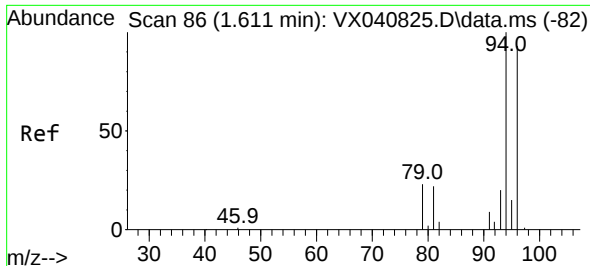


#4
Vinyl Chloride
Concen: 20.360 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



Tgt Ion: 62 Resp: 12853
Ion Ratio Lower Upper
62 100
64 31.3 26.3 39.5





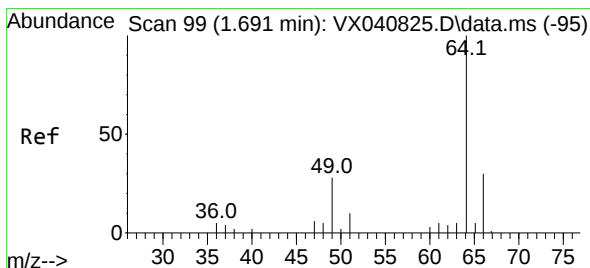
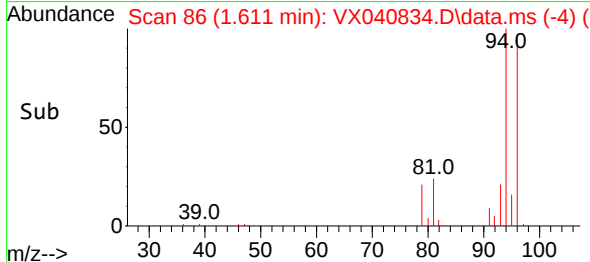
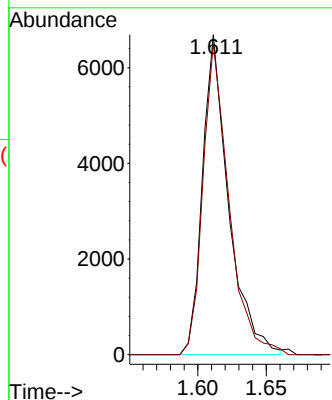
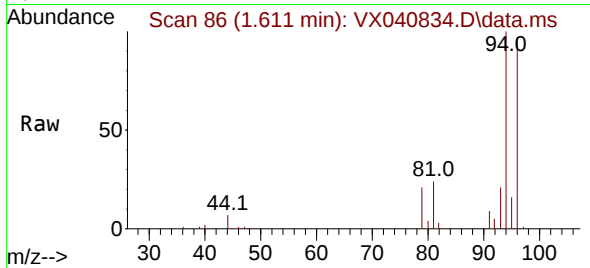
#5
Bromomethane
Concen: 22.216 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
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ClientSampleId :
VX0329WBSD01

Tgt Ion: 94 Resp: 8859
Ion Ratio Lower Upper
94 100
96 97.4 74.9 112.3

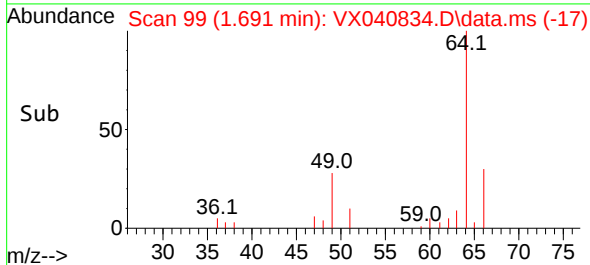
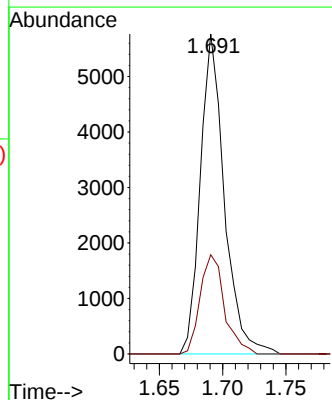
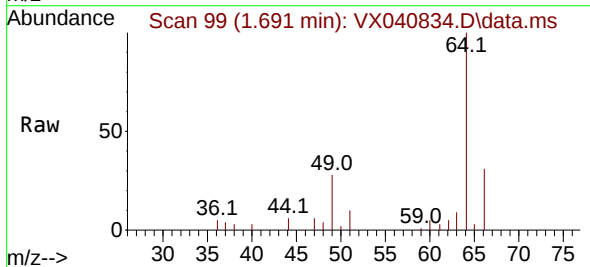
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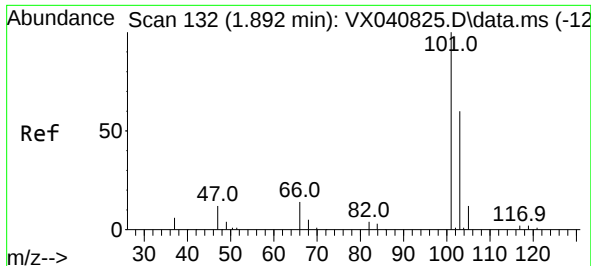
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#6
Chloroethane
Concen: 19.080 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 64 Resp: 7618
Ion Ratio Lower Upper
64 100
66 31.0 25.0 37.6





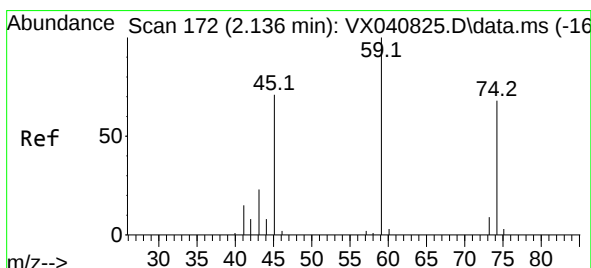
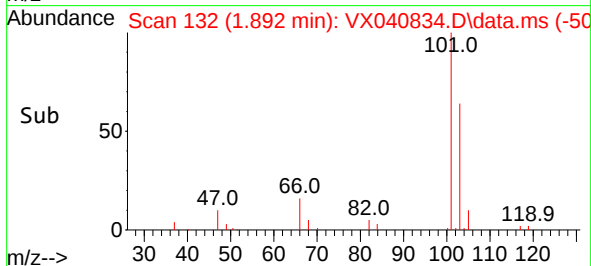
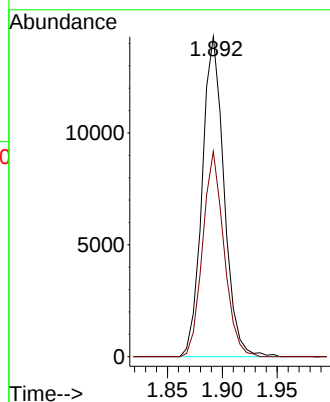
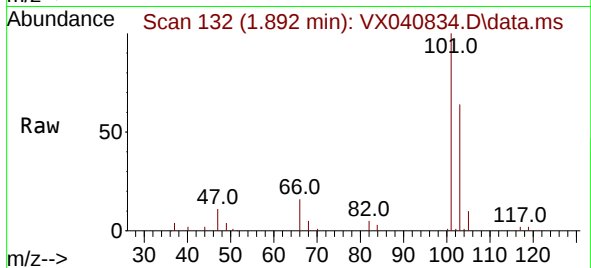
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Trichlorofluoromethane
Concen: 18.149 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
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Tgt Ion:101 Resp: 19864
Ion Ratio Lower Upper
101 100
103 64.2 49.1 73.7

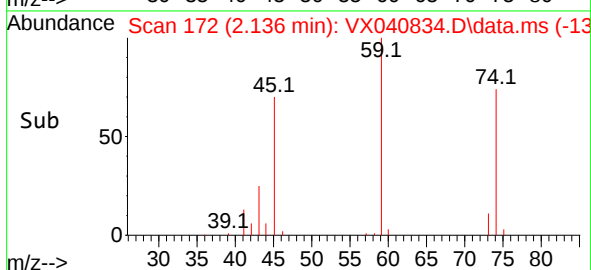
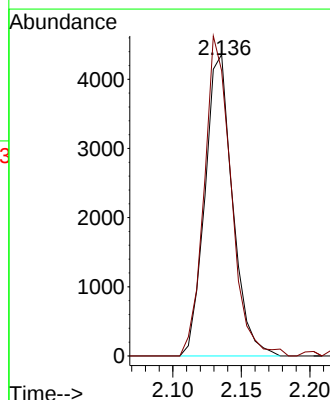
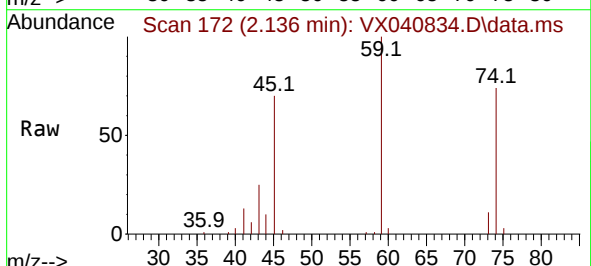
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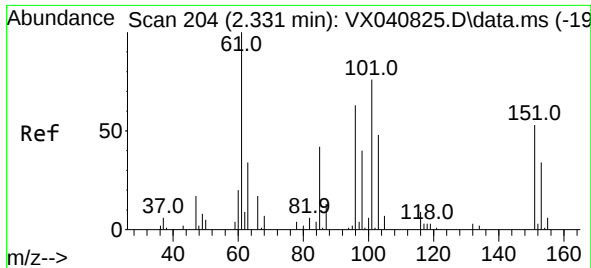
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#8
Diethyl Ether
Concen: 17.957 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 74 Resp: 6128
Ion Ratio Lower Upper
74 100
45 102.6 20.5 184.5





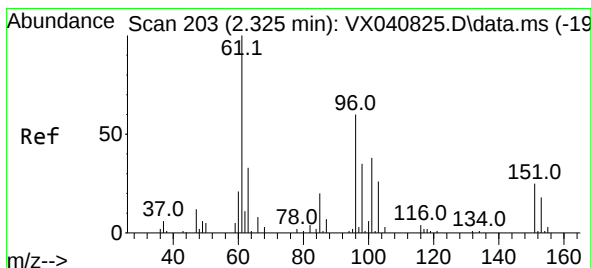
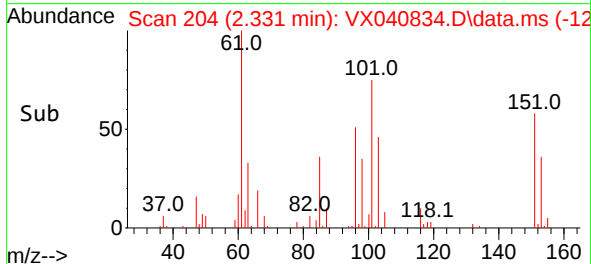
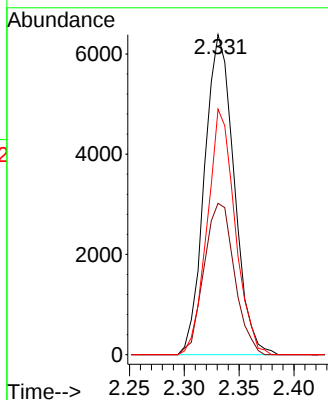
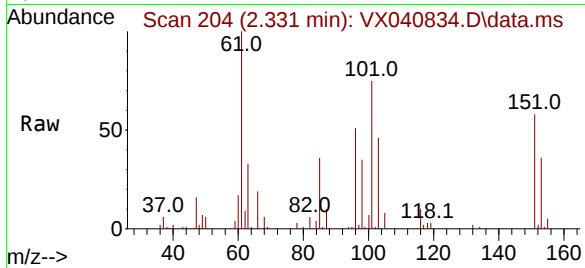
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1,1,2-Trichlorotrifluoroethane
Concen: 19.609 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion:101 Resp: 12000
Ion Ratio Lower Upper
101 100
85 48.7 0.0 95.2
151 72.0 0.0 136.8

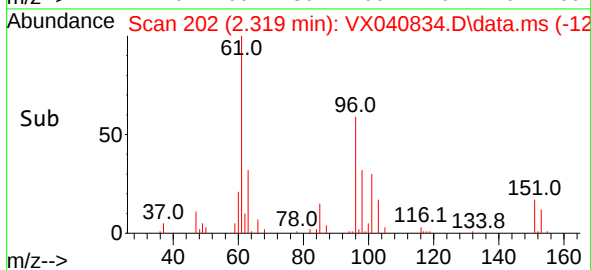
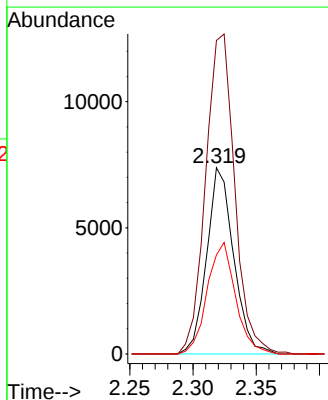
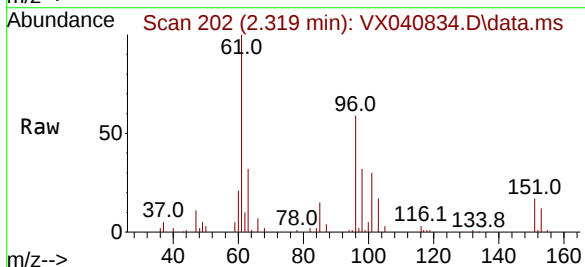
Manual Integrations
APPROVED

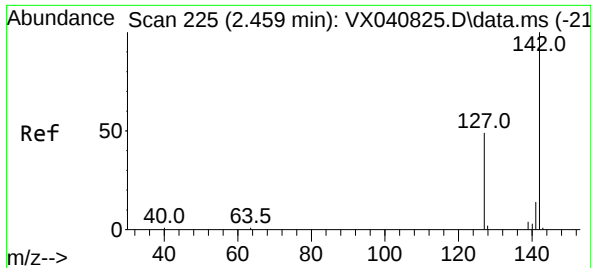
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#10
1,1-Dichloroethene
Concen: 19.066 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

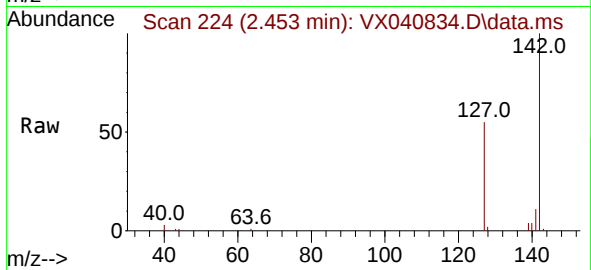
Tgt Ion: 96 Resp: 10941
Ion Ratio Lower Upper
96 100
61 168.3 138.3 207.5
98 53.2 49.8 74.6





#11
Methyl Iodide
Concen: 19.491 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

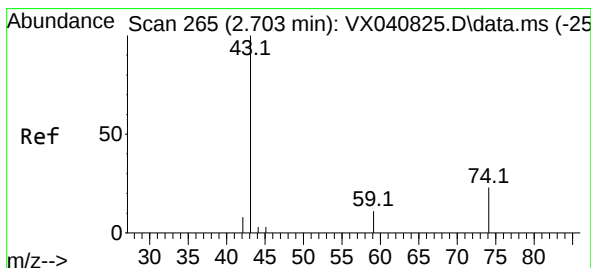
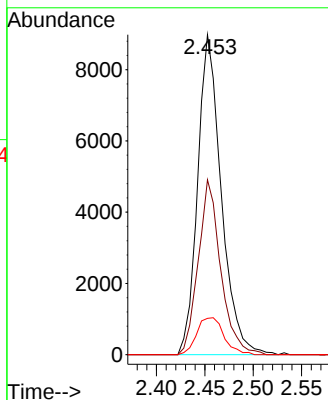
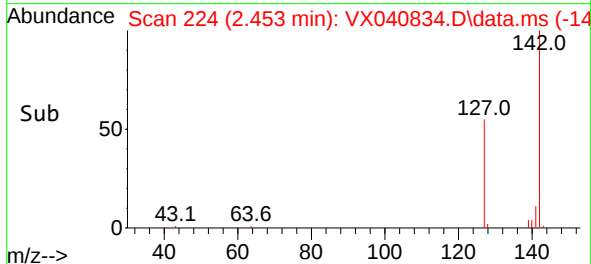
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion:142 Resp: 15289
Ion Ratio Lower Upper
142 100
127 54.7 23.8 71.4
141 11.4 6.9 20.6

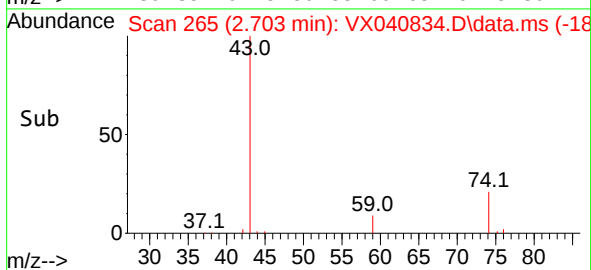
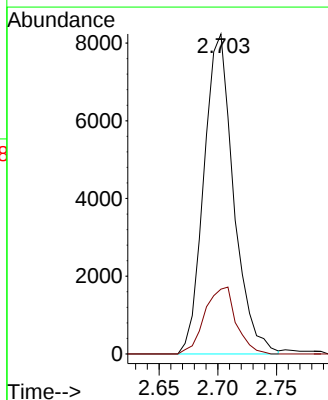
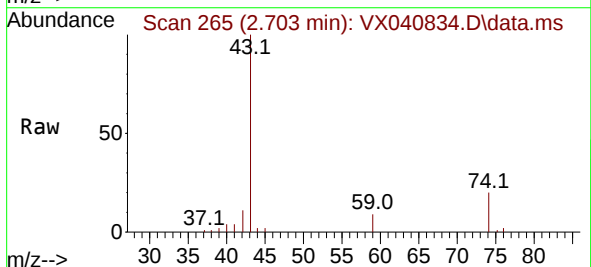
Manual Integrations
APPROVED

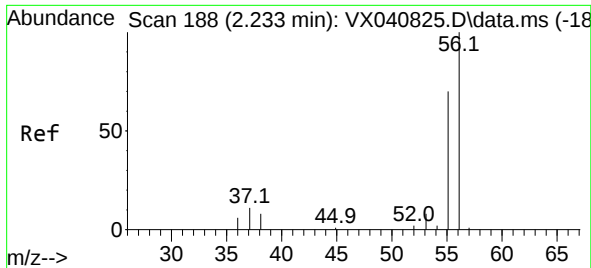
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#12
Methyl Acetate
Concen: 17.583 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

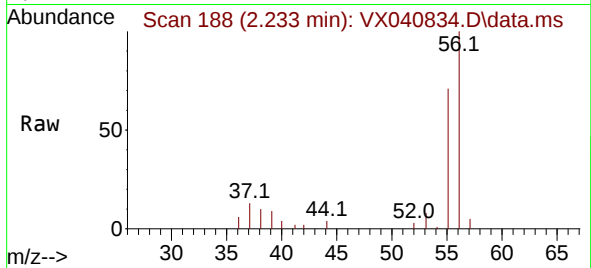
Tgt Ion: 43 Resp: 14485
Ion Ratio Lower Upper
43 100
74 20.3 17.8 26.6





#13
Acrolein
Concen: 84.753 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

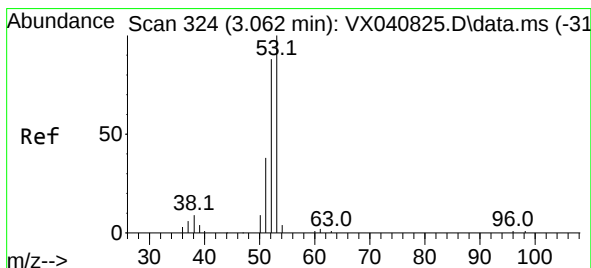
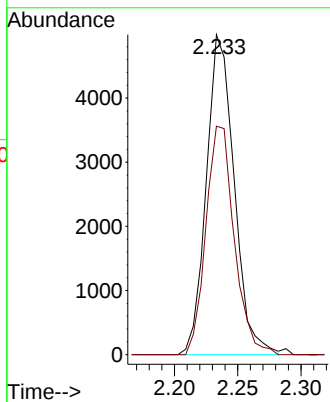
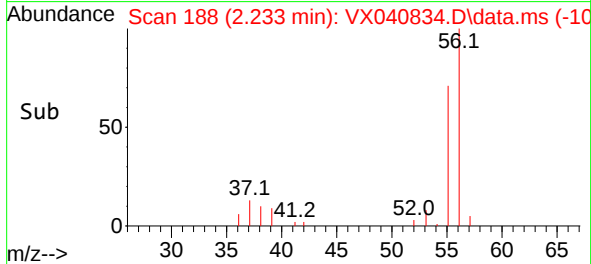
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



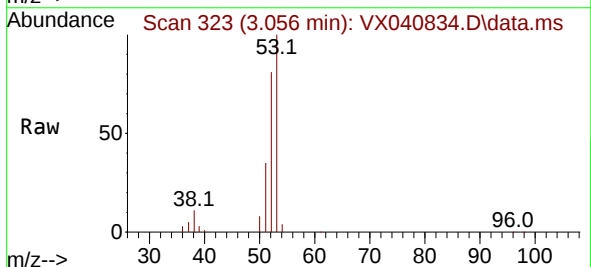
Tgt Ion: 56 Resp: 7649
Ion Ratio Lower Upper
56 100
55 72.6 57.2 85.8

Manual Integrations
APPROVED

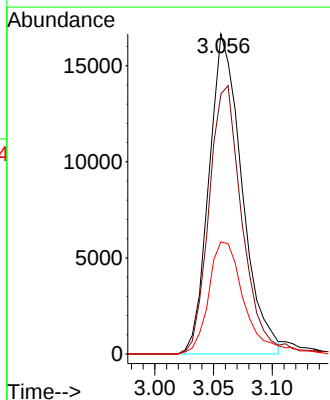
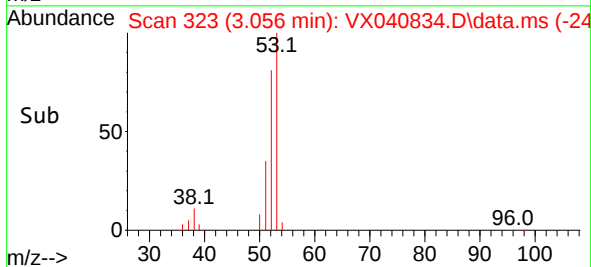
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

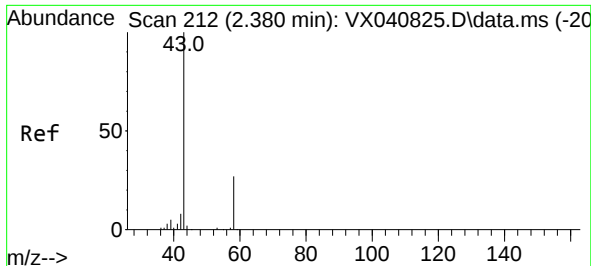


#14
Acrylonitrile
Concen: 90.742 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



Tgt Ion: 53 Resp: 32546
Ion Ratio Lower Upper
53 100
52 84.8 41.9 125.6
51 37.6 18.3 54.9





#15

Acetone

Concen: 87.070 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040834.D

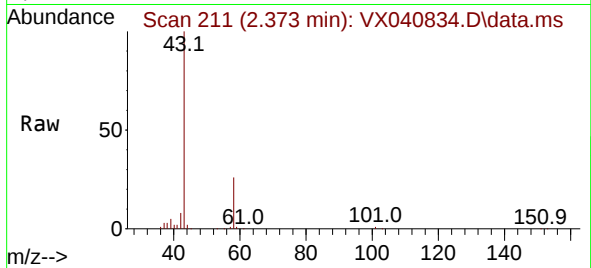
Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01



Tgt Ion: 58 Resp: 8850

Ion Ratio Lower Upper

58 100

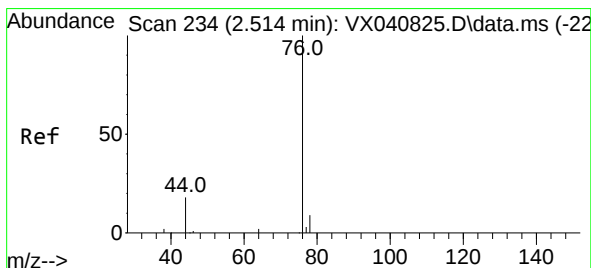
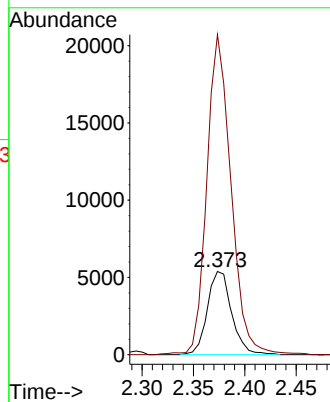
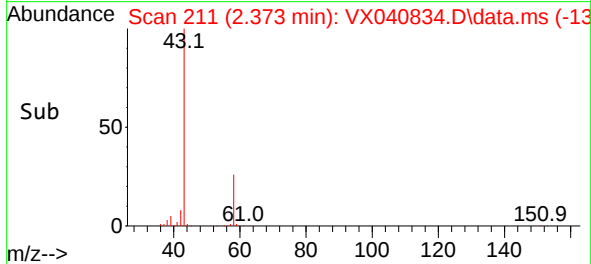
43 382.2 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#16

Carbon Disulfide

Concen: 19.167 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040834.D

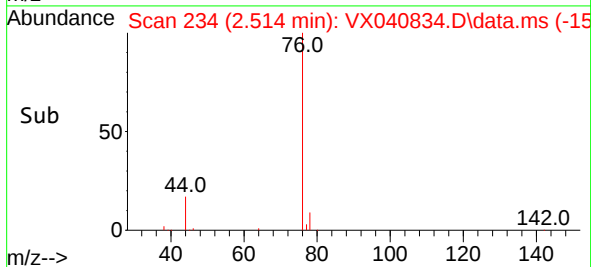
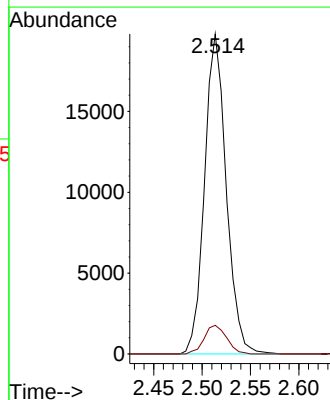
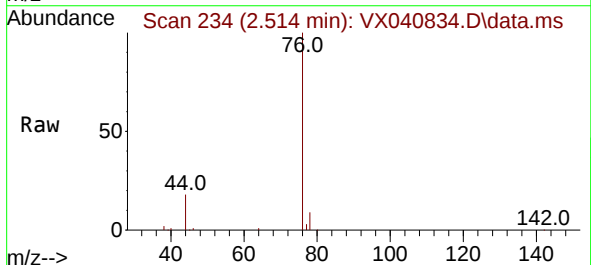
Acq: 29 Mar 2024 11:03

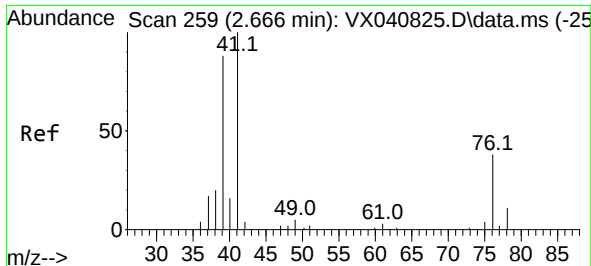
Tgt Ion: 76 Resp: 30892

Ion Ratio Lower Upper

76 100

78 8.9 8.0 12.0





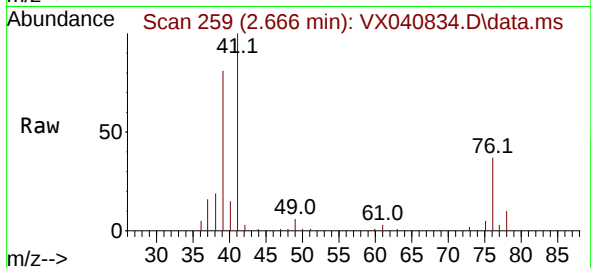
#17
 Allyl chloride
 Concen: 18.786 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX040834.D
 Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01



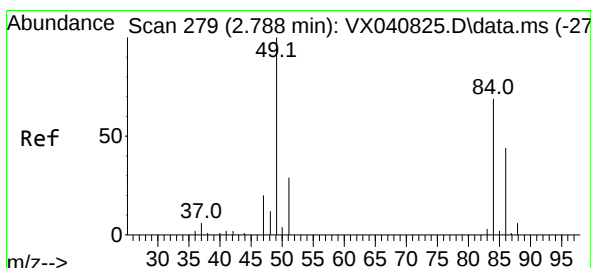
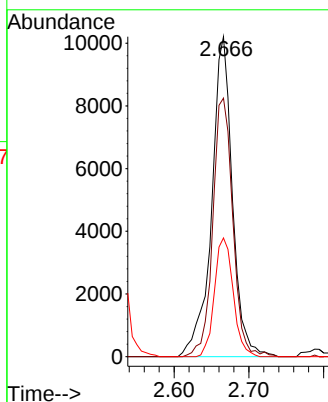
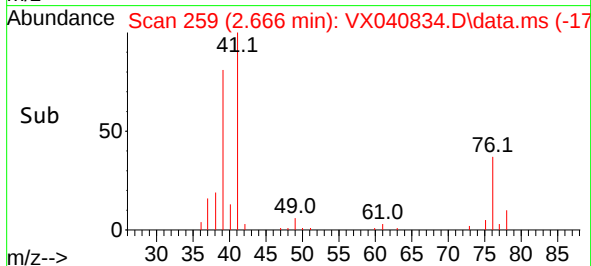
Tgt Ion: 41 Resp: 1979
 Ion Ratio Lower Upper
 41 100
 39 80.8 36.5 109.5
 76 37.1 19.7 59.0

Manual Integrations

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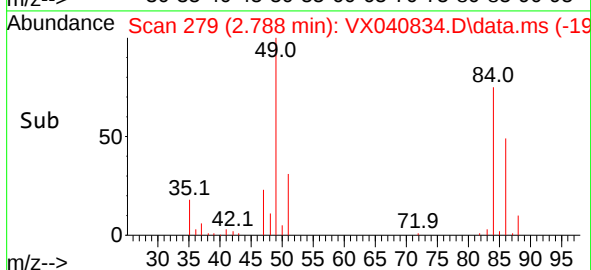
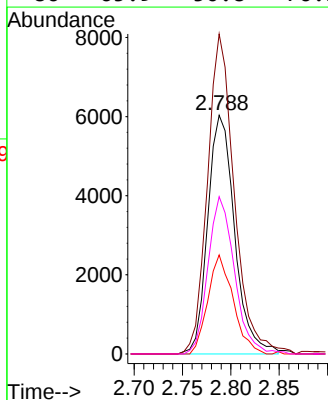
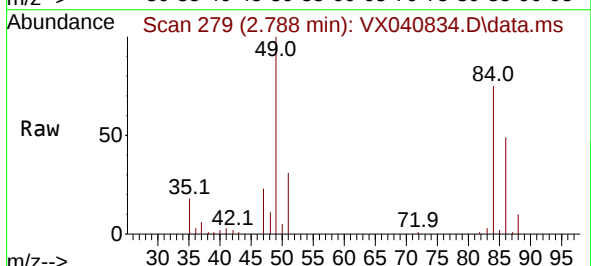
Reviewed By :John Carlone 04/01/2024

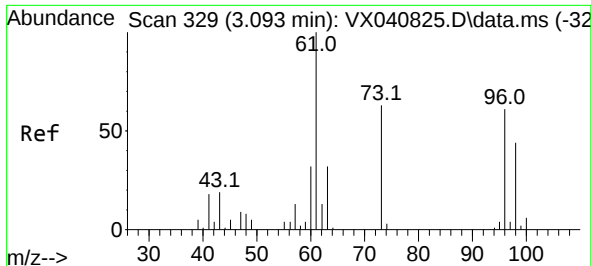
Supervised By :Mahesh Dadoda 04/01/2024



#18
 Methylene Chloride
 Concen: 18.943 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX040834.D
 Acq: 29 Mar 2024 11:03

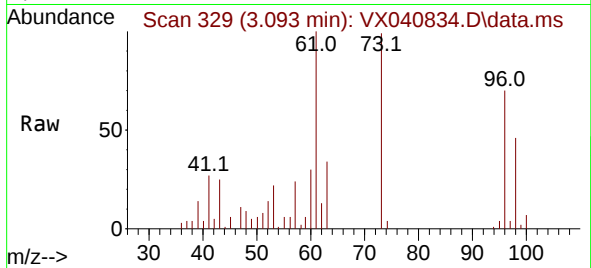
Tgt Ion: 84 Resp: 11697
 Ion Ratio Lower Upper
 84 100
 49 134.1 103.8 155.8
 51 41.5 31.8 47.6
 86 65.9 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 19.248 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

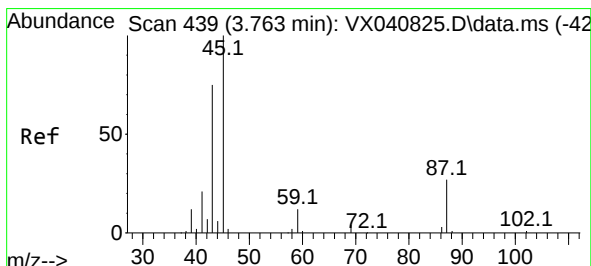
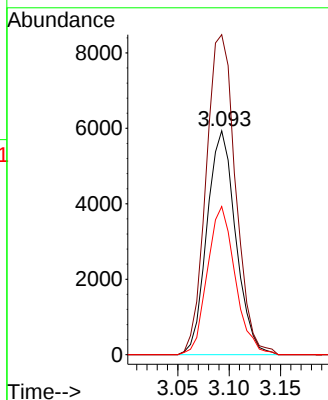
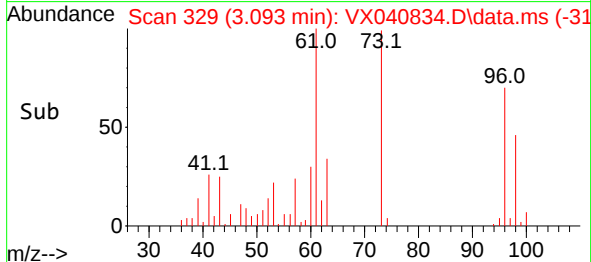
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



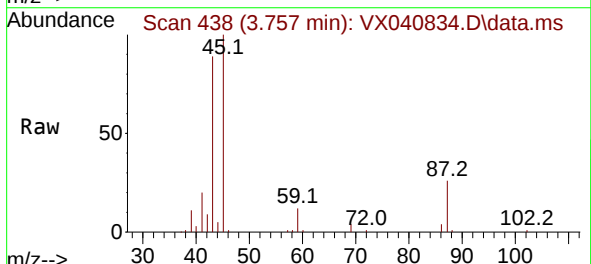
Tgt Ion: 96 Resp: 1154
Ion Ratio Lower Upper
96 100
61 142.9 117.9 176.9
98 66.2 51.0 76.6

Manual Integrations
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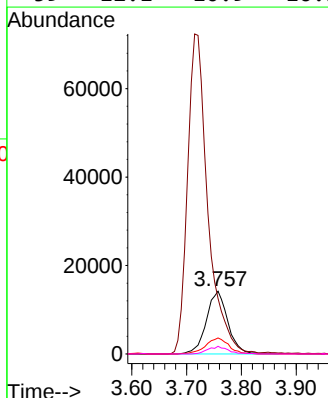
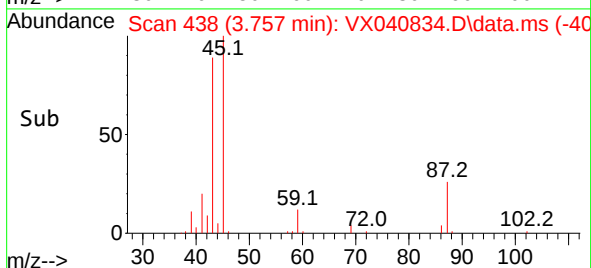
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

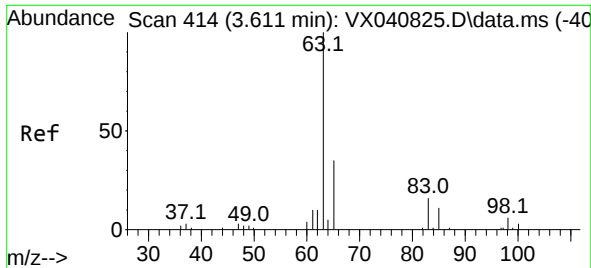


#20
Diisopropyl ether
Concen: 18.792 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



Tgt Ion: 45 Resp: 38546
Ion Ratio Lower Upper
45 100
43 87.1 67.7 101.5
87 25.6 21.5 32.3
59 12.1 10.9 16.3





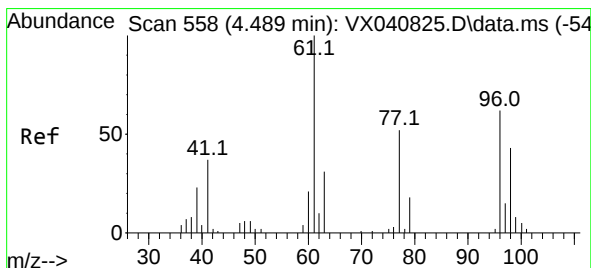
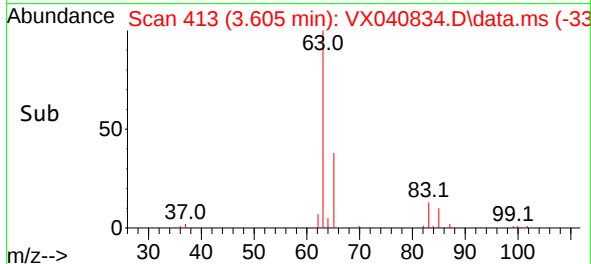
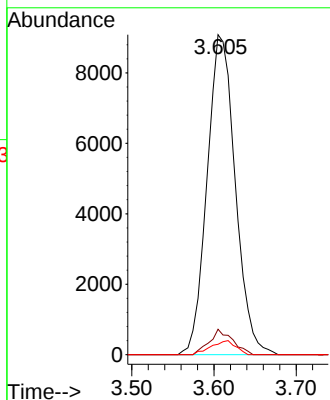
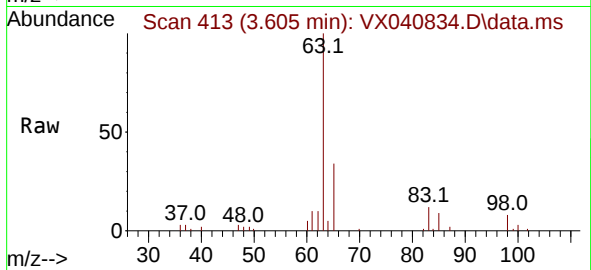
#21
1,1-Dichloroethane
Concen: 18.692 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 63 Resp: 2164
Ion Ratio Lower Upper
63 100
98 7.9 2.9 8.8
100 3.2 2.0 5.8

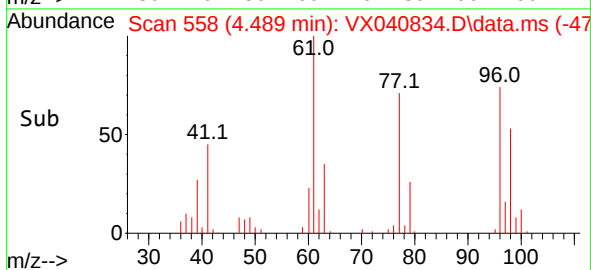
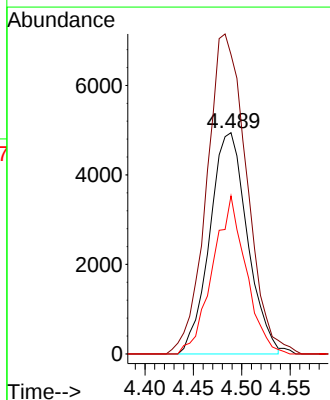
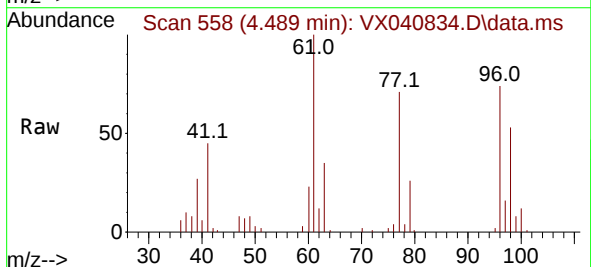
Manual Integrations
APPROVED

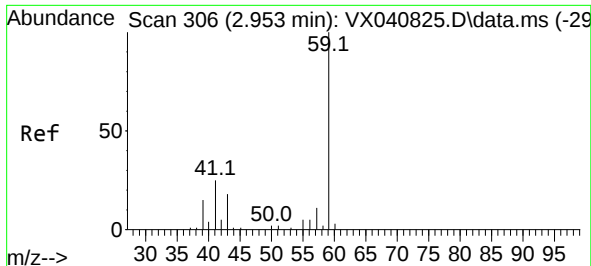
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#22
cis-1,2-Dichloroethene
Concen: 18.966 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 96 Resp: 13363
Ion Ratio Lower Upper
96 100
61 153.8 119.8 179.6
98 63.3 50.9 76.3





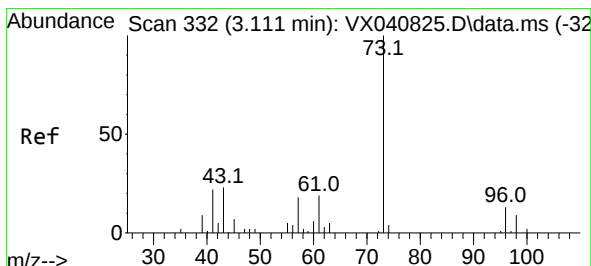
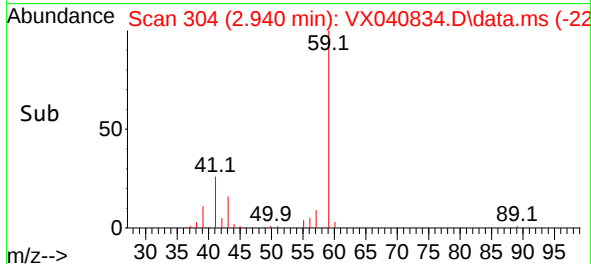
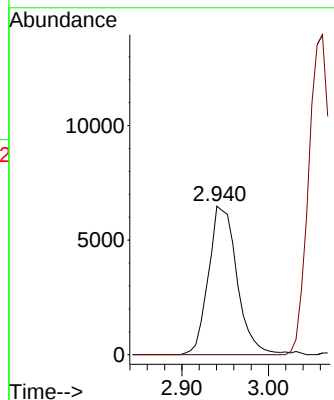
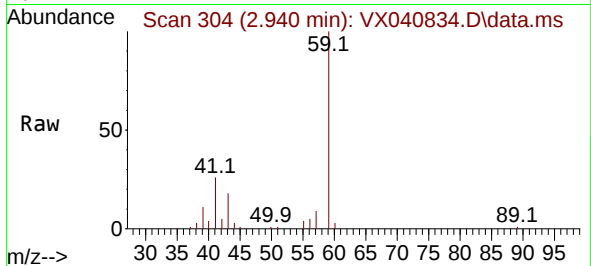
#23
tert-Butyl Alcohol
Concen: 89.021 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 59 Resp: 1481
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

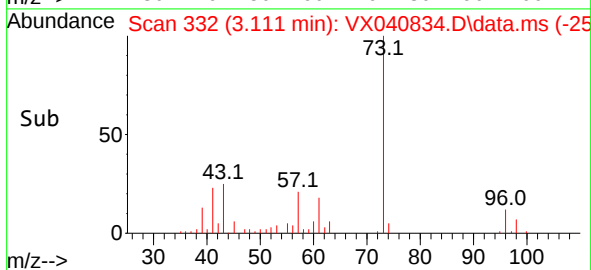
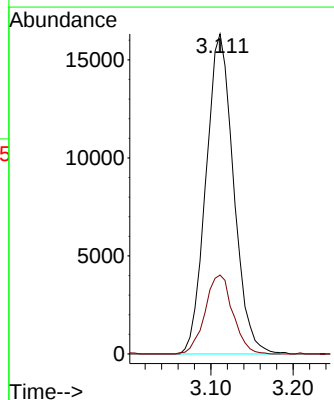
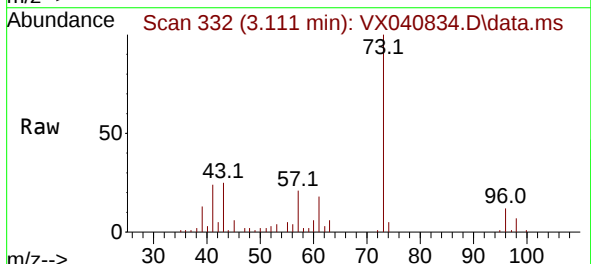
Manual Integrations
APPROVED

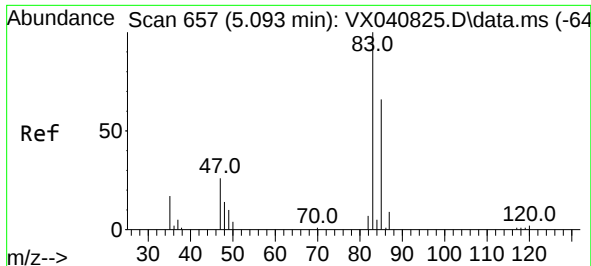
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#24
Methyl tert-Butyl Ether
Concen: 18.644 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 73 Resp: 38072
Ion Ratio Lower Upper
73 100
43 24.8 17.0 25.6





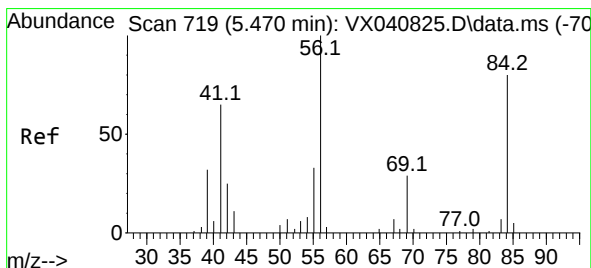
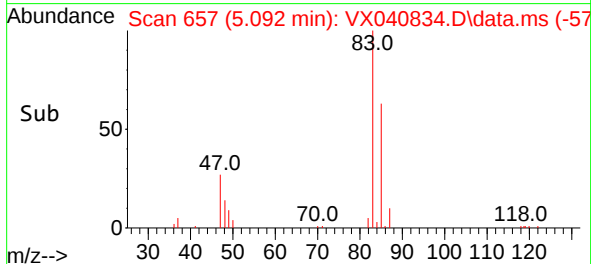
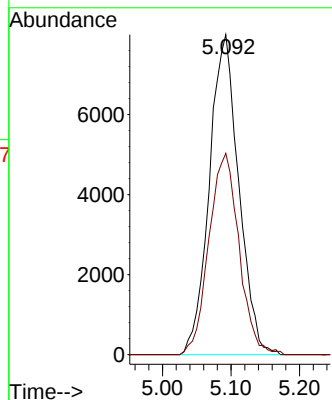
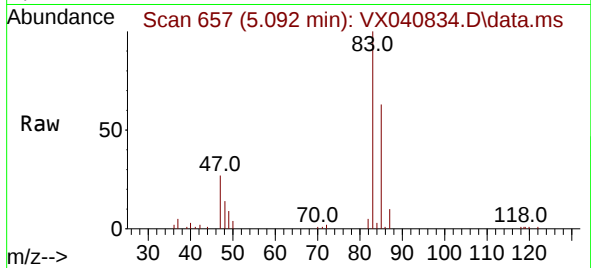
#25
Chloroform
Concen: 18.992 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 83 Resp: 2383
Ion Ratio Lower Upper
83 100
85 62.9 54.6 81.8

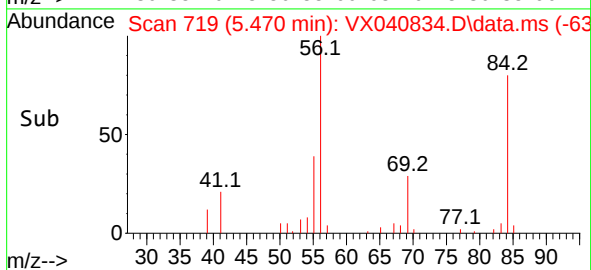
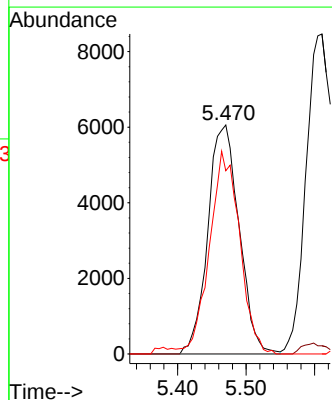
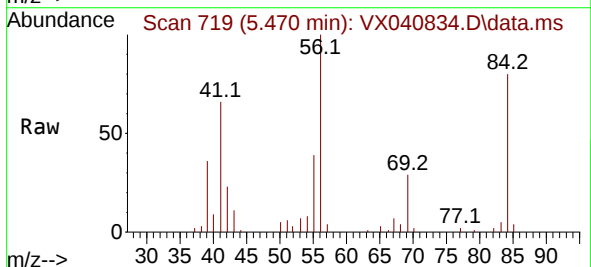
Manual Integrations
APPROVED

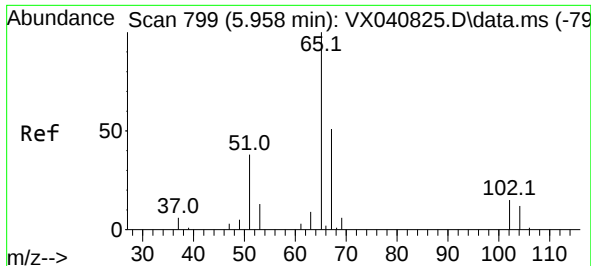
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#26
Cyclohexane
Concen: 19.918 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

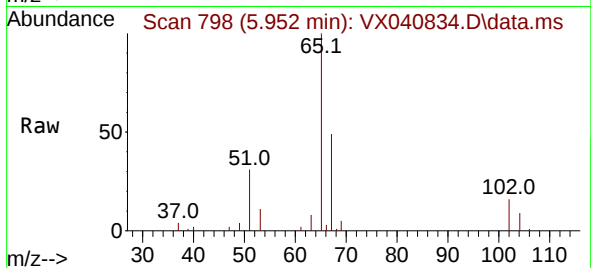
Tgt Ion: 56 Resp: 19173
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.0 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 28.483 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

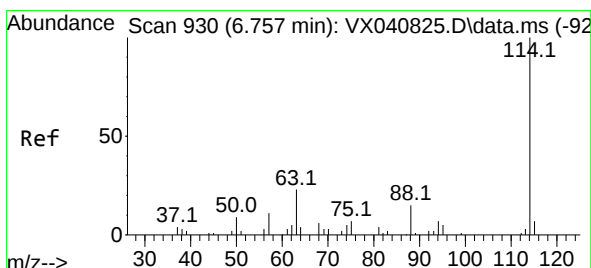
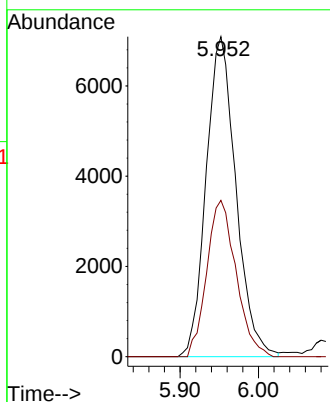
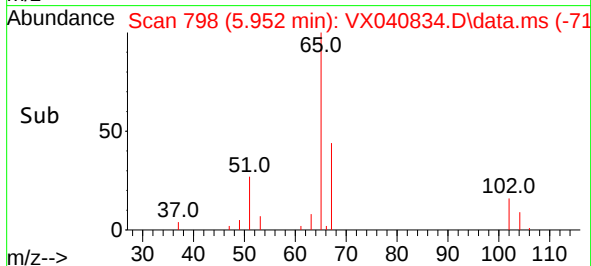
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



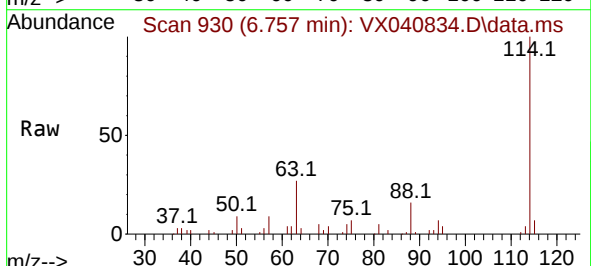
Tgt Ion: 65 Resp: 1871
Ion Ratio Lower Upper
65 100
67 48.0 42.5 63.7

Manual Integrations
APPROVED

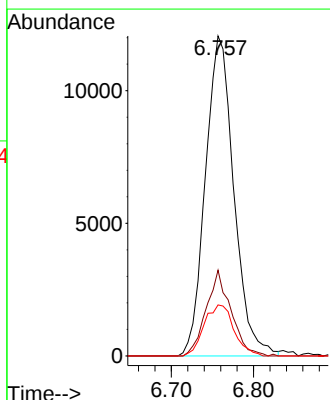
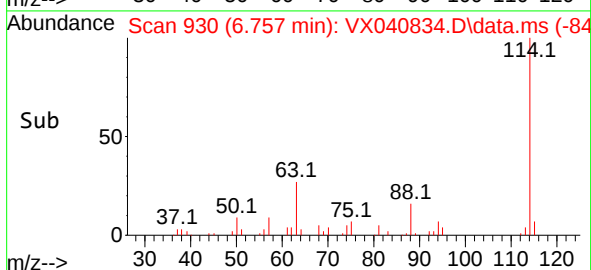
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

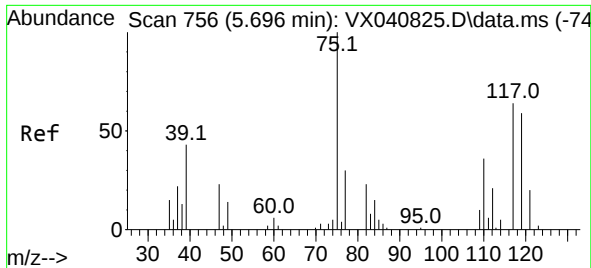


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



Tgt Ion:114 Resp: 29058
Ion Ratio Lower Upper
114 100
63 23.3 17.0 25.4
88 16.7 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.957 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

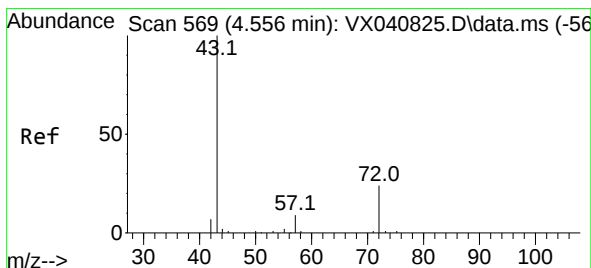
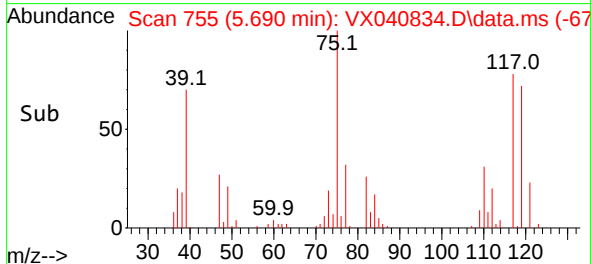
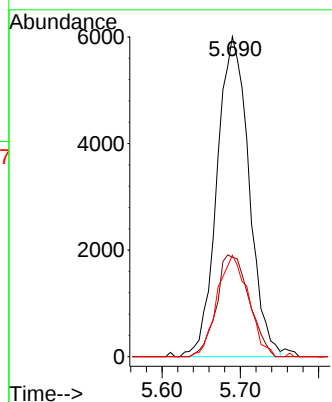
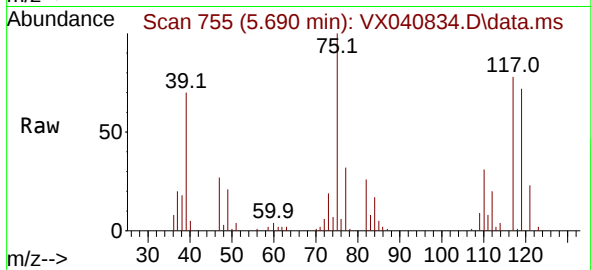
ClientSampleId :

VX0329WBSD01

Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
110 32.6 0.0 71.2
77 31.2 0.0 62.6

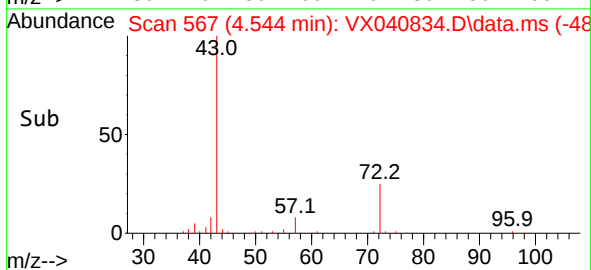
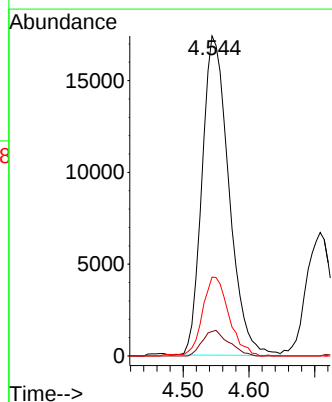
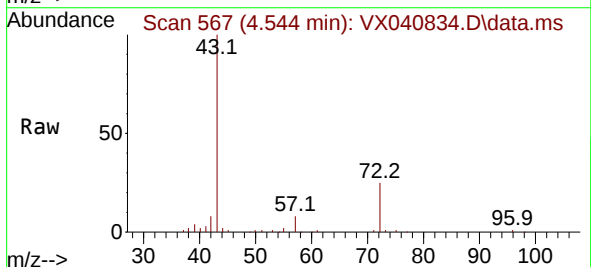
Manual Integrations
APPROVED

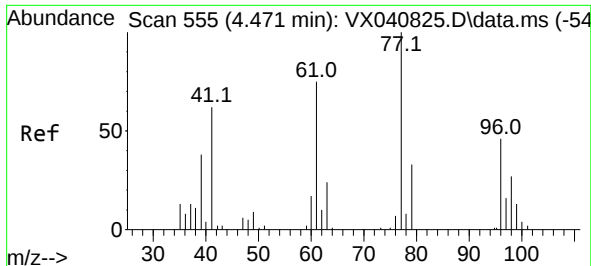
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#30
2-Butanone
Concen: 96.117 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 43 Resp: 49311
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 24.2 20.6 31.0





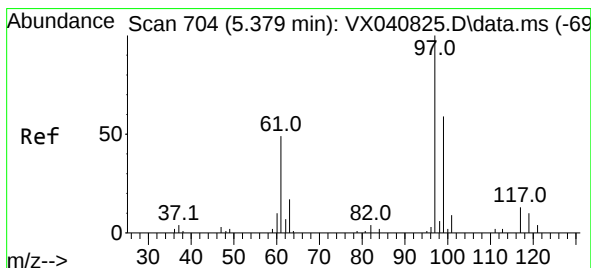
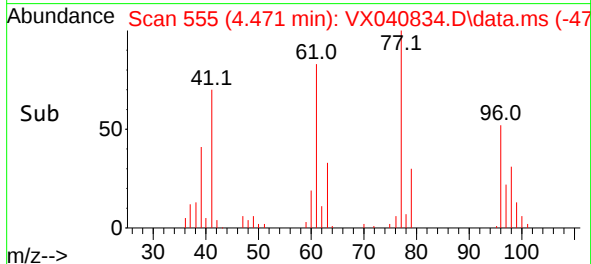
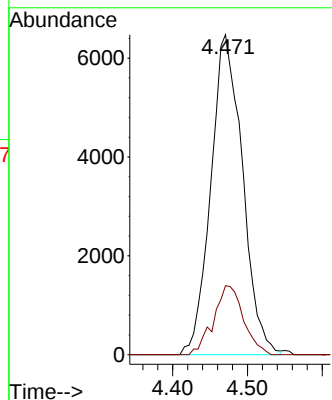
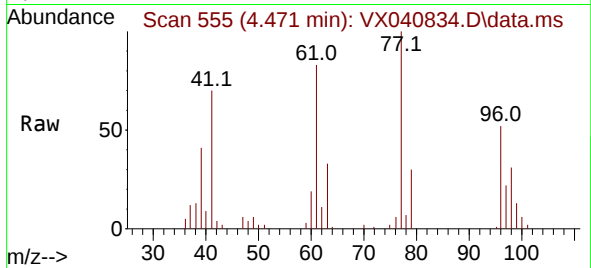
#31
2,2-Dichloropropane
Concen: 19.945 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 77 Resp: 1909
Ion Ratio Lower Upper
77 100
97 20.4 18.2 27.4

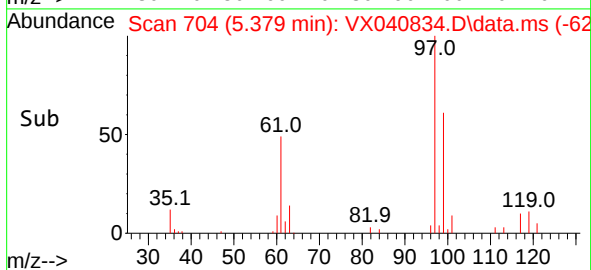
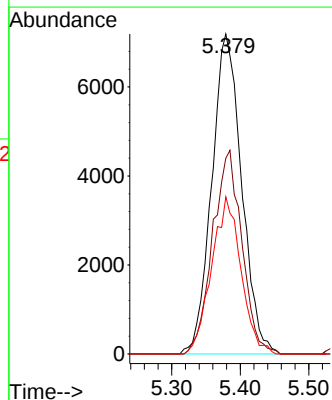
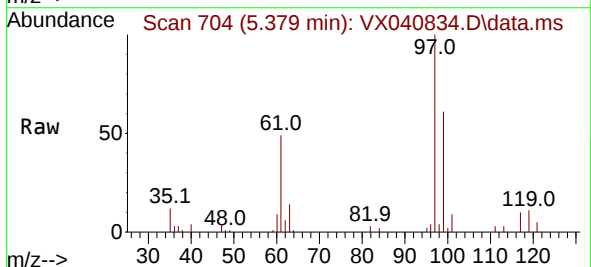
Manual Integrations
APPROVED

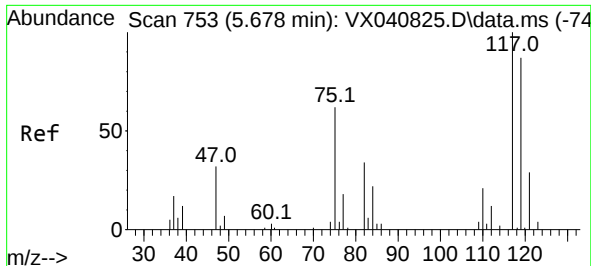
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#32
1,1,1-Trichloroethane
Concen: 20.313 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

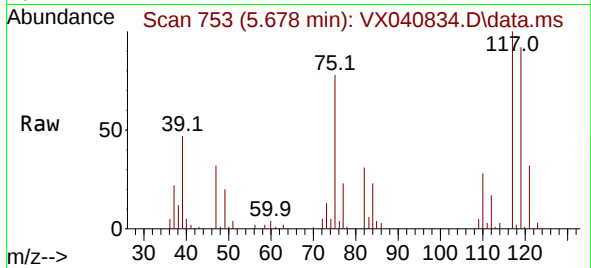
Tgt Ion: 97 Resp: 21746
Ion Ratio Lower Upper
97 100
99 62.4 52.6 79.0
61 47.6 36.9 55.3





#33
Carbon Tetrachloride
Concen: 20.619 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

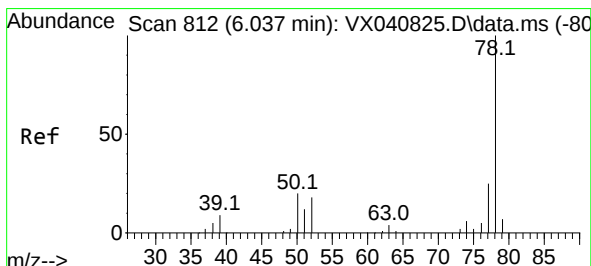
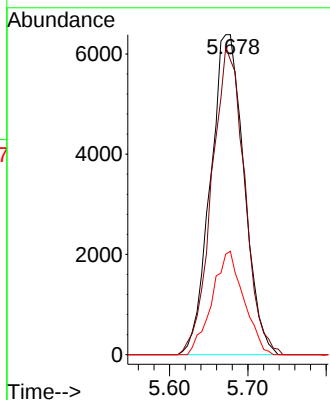
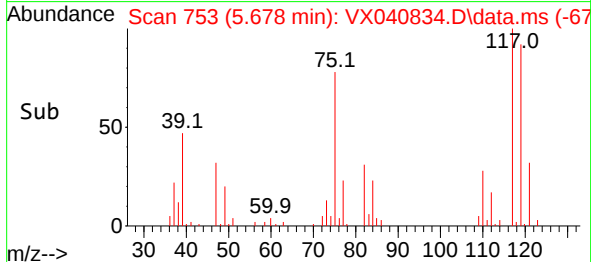
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



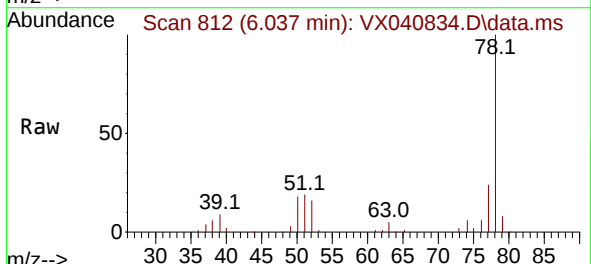
Tgt Ion: 117 Resp: 19054
Ion Ratio Lower Upper
117 100
119 92.1 78.2 117.4
121 32.3 24.7 37.1

Manual Integrations
APPROVED

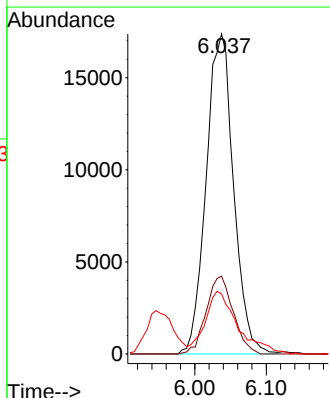
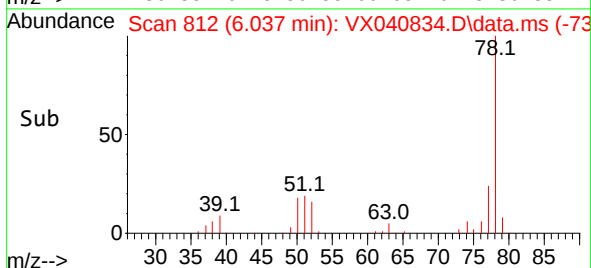
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

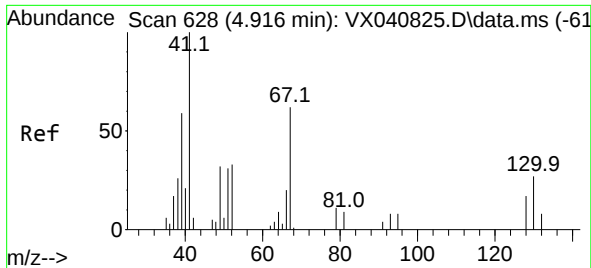


#34
Benzene
Concen: 19.914 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



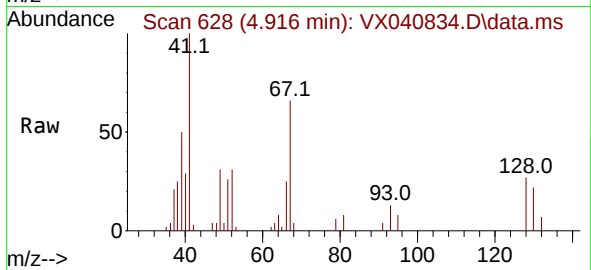
Tgt Ion: 78 Resp: 46318
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9
51 17.8 14.4 21.6





#35
Methacrylonitrile
Concen: 19.468 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

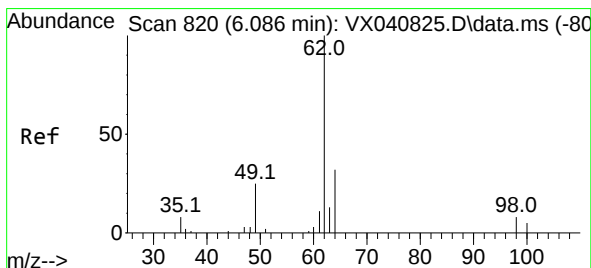
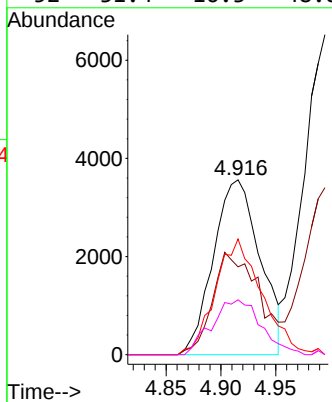
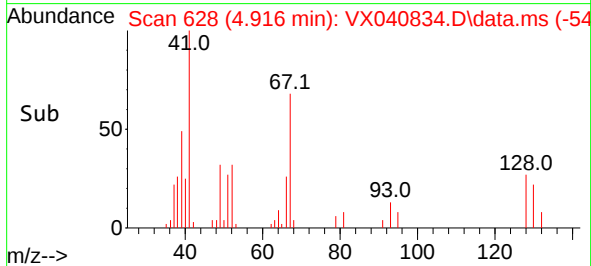
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



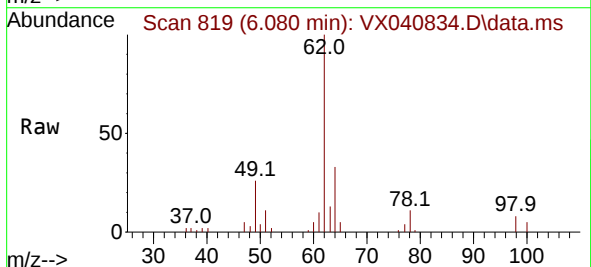
Tgt Ion: 41 Resp: 10570
Ion Ratio Lower Upper
41 100
39 50.3 28.2 84.7
67 66.1 34.5 103.5
52 31.4 16.3 48.8

Manual Integrations
APPROVED

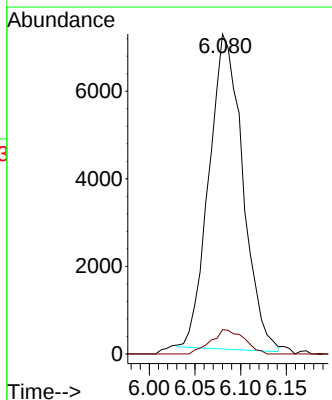
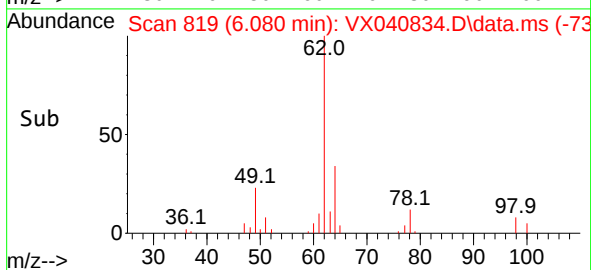
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

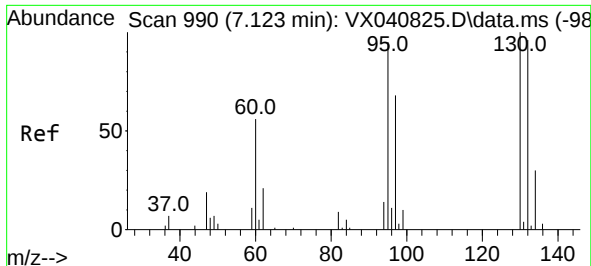


#36
1,2-Dichloroethane
Concen: 18.269 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



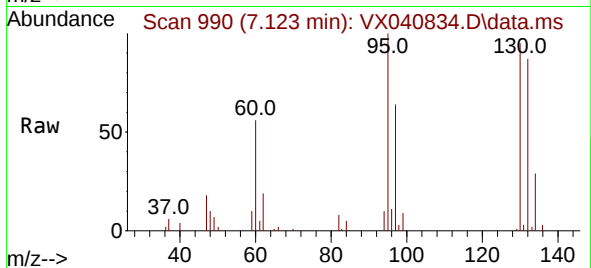
Tgt Ion: 62 Resp: 18463
Ion Ratio Lower Upper
62 100
98 7.6 7.0 10.4





#37
Trichloroethene
Concen: 19.980 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

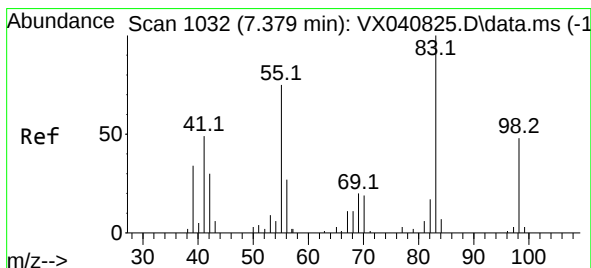
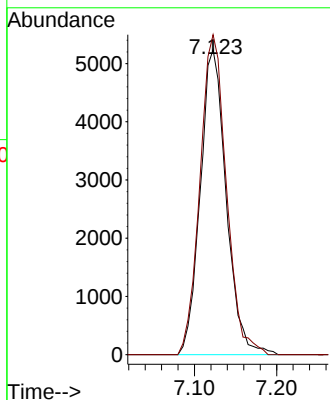
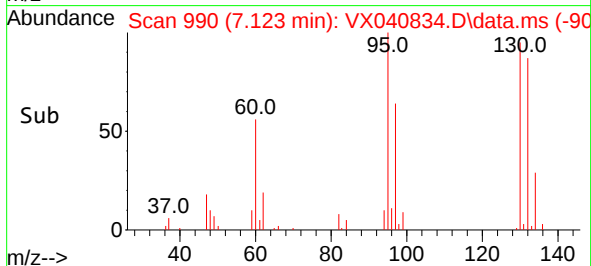
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion:130 Resp: 11480
Ion Ratio Lower Upper
130 100
95 104.9 85.8 128.8

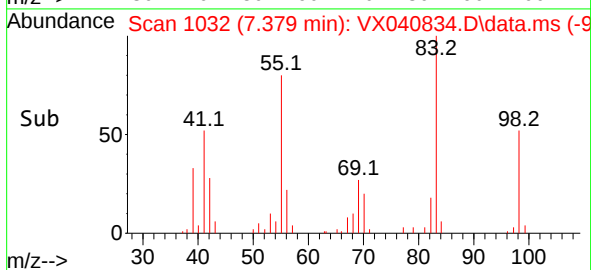
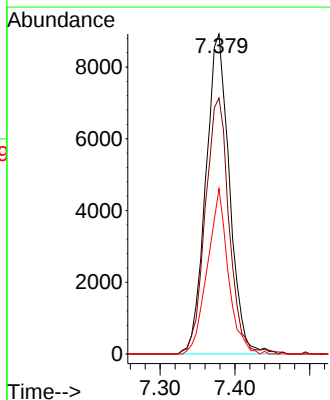
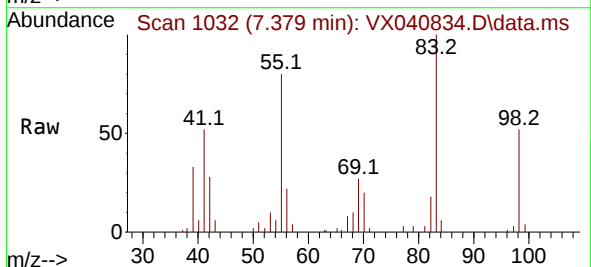
Manual Integrations
APPROVED

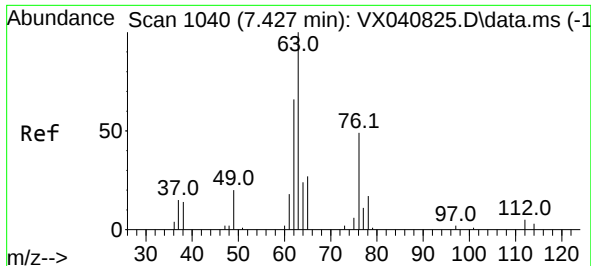
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#38
Methylcyclohexane
Concen: 20.578 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 83 Resp: 19698
Ion Ratio Lower Upper
83 100
55 79.8 38.6 116.0
98 45.3 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.315 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

Tgt Ion: 63 Resp: 11220

Ion Ratio Lower Upper

63 100

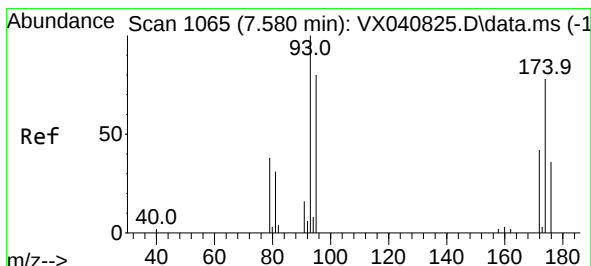
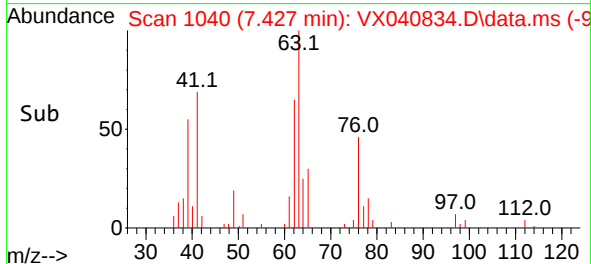
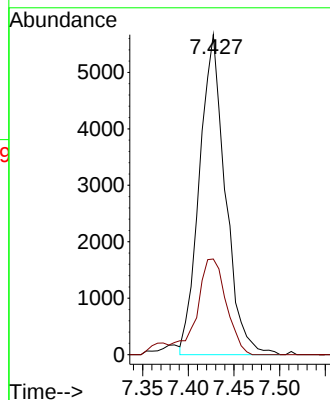
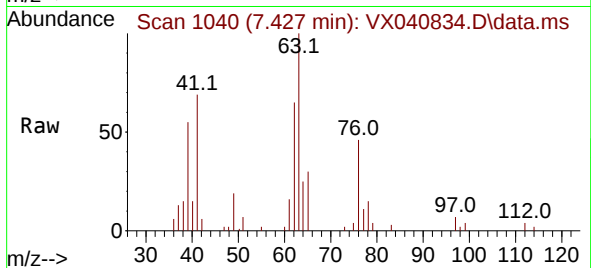
65 29.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#40

Dibromomethane

Concen: 20.238 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

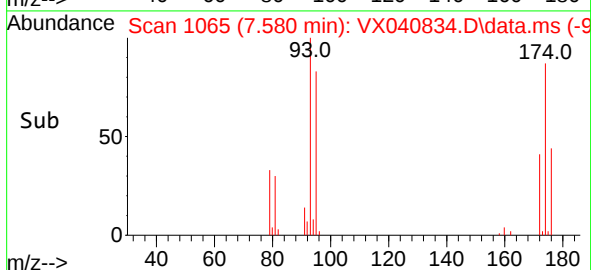
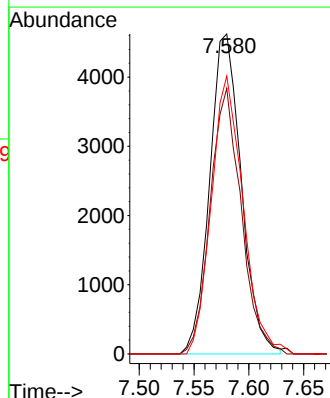
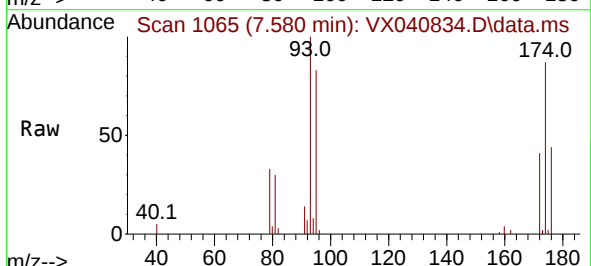
Tgt Ion: 93 Resp: 9273

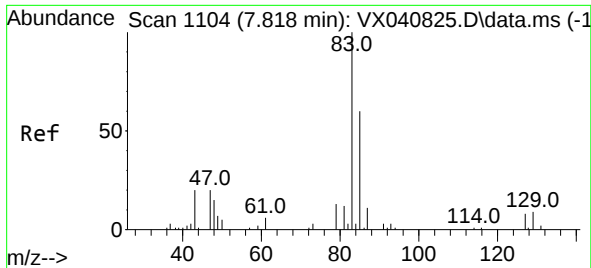
Ion Ratio Lower Upper

93 100

95 81.5 0.0 163.4

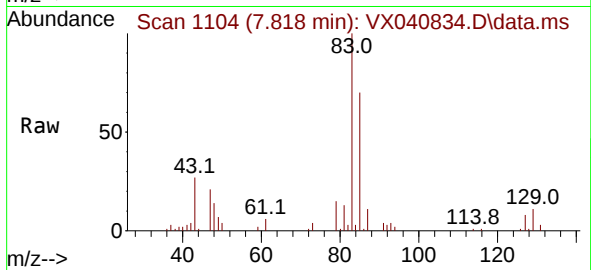
174 87.3 0.0 166.4





#41
Bromodichloromethane
Concen: 19.631 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

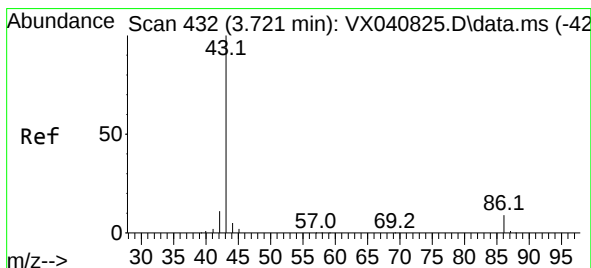
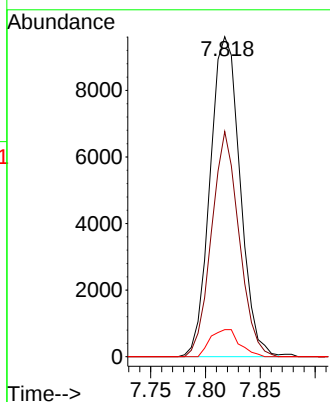
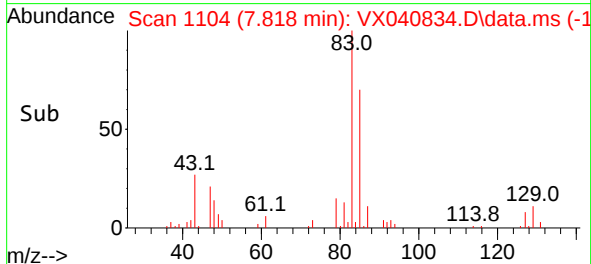
Instrument : MSVOA_X
ClientSampleId : VX0329WBSD01



Tgt Ion: 83 Resp: 18260
Ion Ratio Lower Upper
83 100
85 70.4 50.8 76.2
127 8.5 5.9 8.9

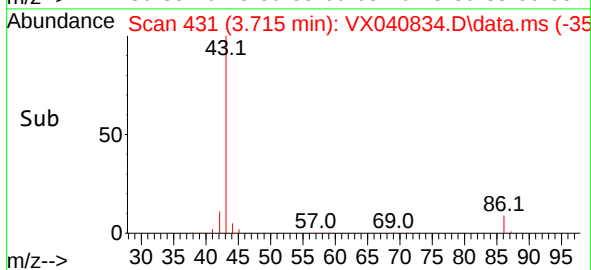
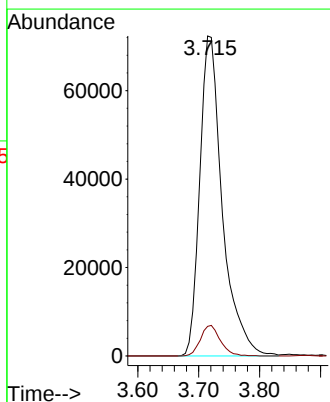
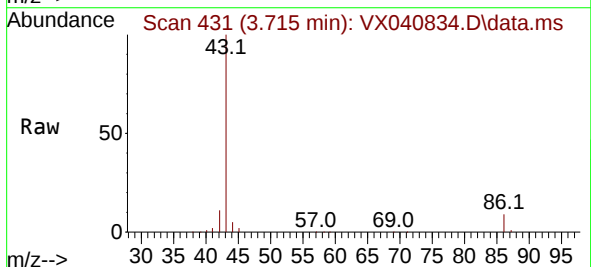
Manual Integrations
APPROVED

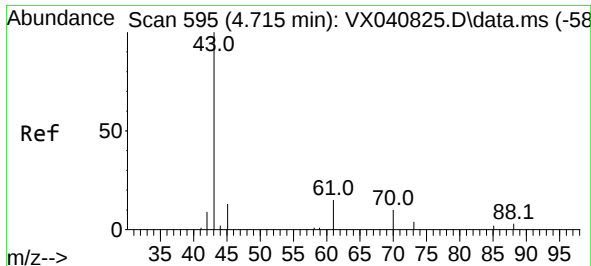
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#42
Vinyl Acetate
Concen: 98.338 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

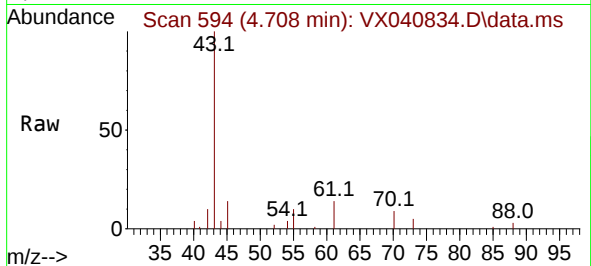
Tgt Ion: 43 Resp: 186474
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





#43
Ethyl Acetate
Concen: 19.942 ug/l
RT: 4.708 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

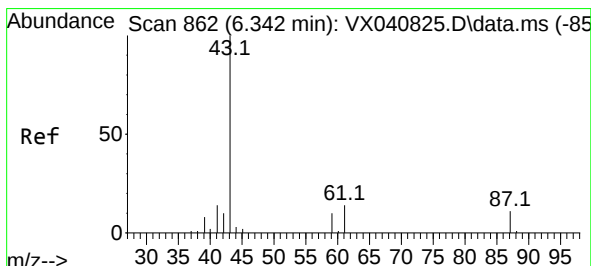
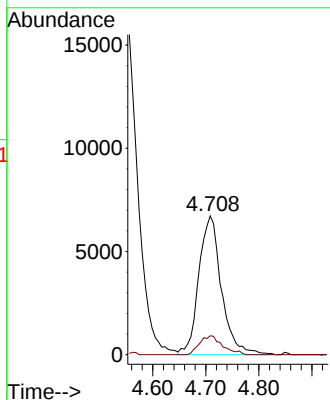
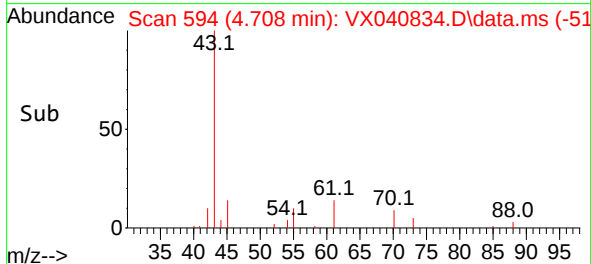
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion: 43 Resp: 1991
Ion Ratio Lower Upper
43 100
45 13.3 11.8 17.8

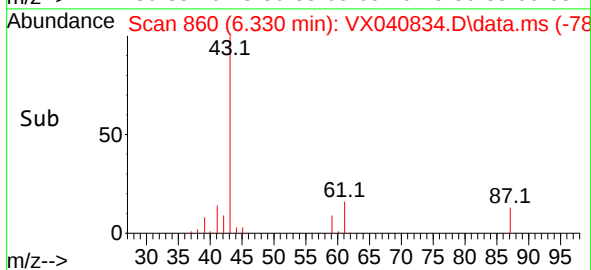
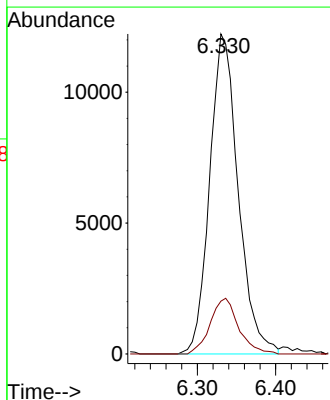
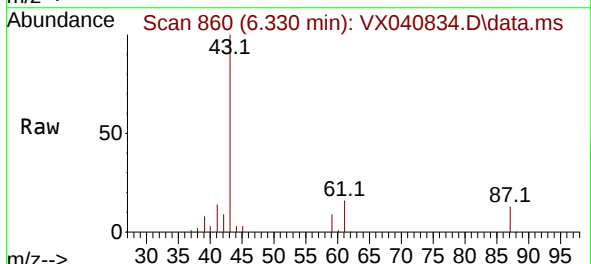
Manual Integrations
APPROVED

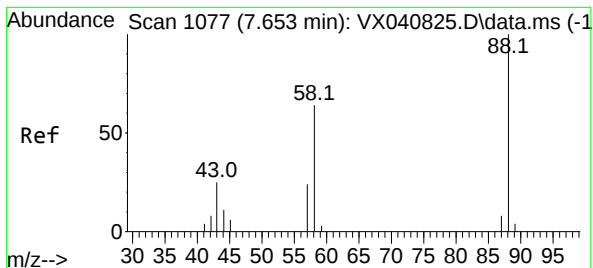
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#44
Isopropyl Acetate
Concen: 19.362 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 43 Resp: 30889
Ion Ratio Lower Upper
43 100
61 17.3 15.6 23.4





#45

1,4-Dioxane

Concen: 392.610 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

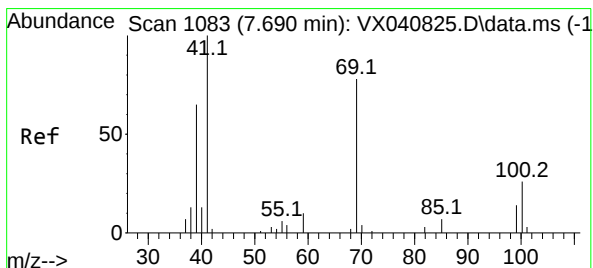
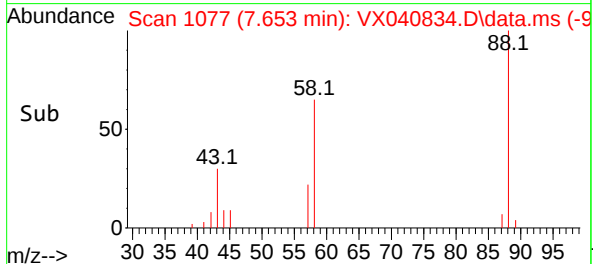
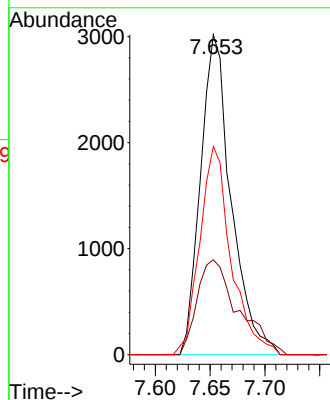
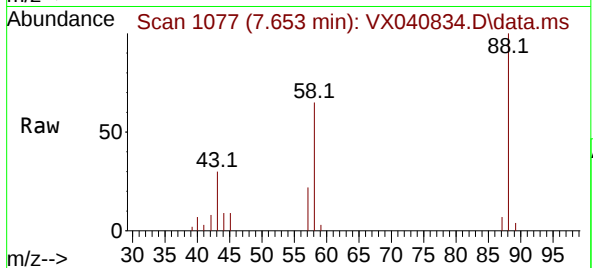
Tgt Ion: 88	Resp: 586
Ion Ratio	Lower Upper
88 100	
43 39.8	28.1 42.1
58 66.4	57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#46

Methyl methacrylate

Concen: 20.043 ug/l

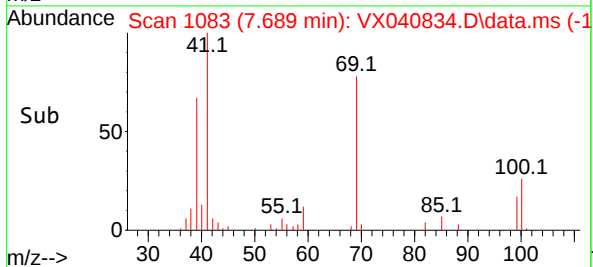
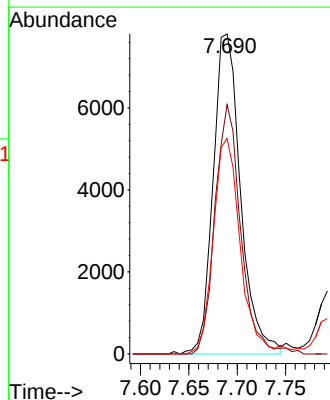
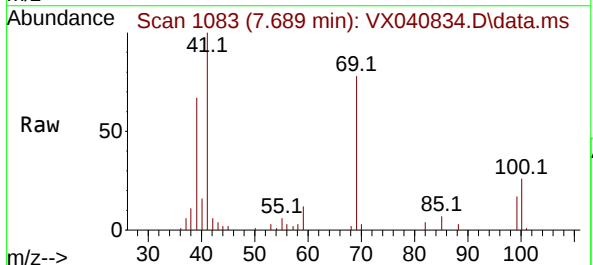
RT: 7.689 min Scan# 1083

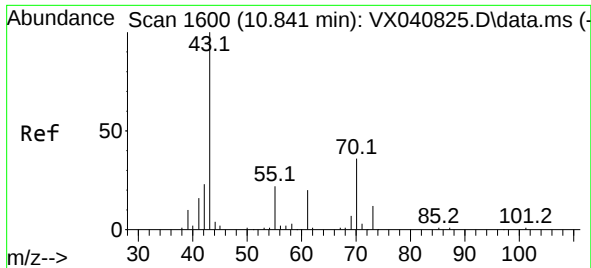
Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Tgt Ion: 41	Resp: 15395
Ion Ratio	Lower Upper
41 100	
69 77.9	39.6 118.8
39 67.4	30.1 90.3





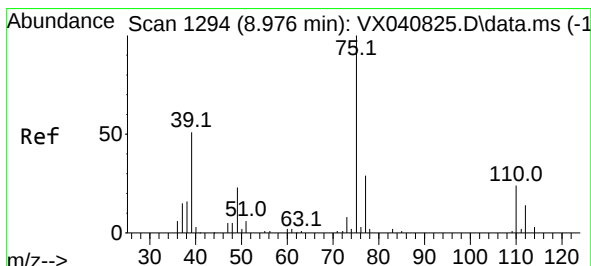
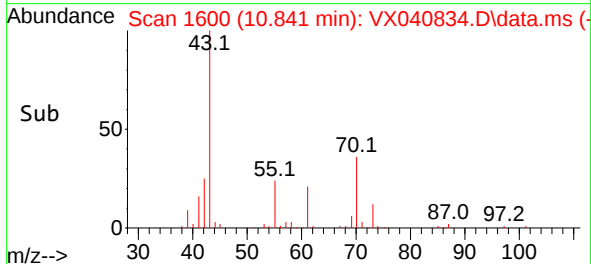
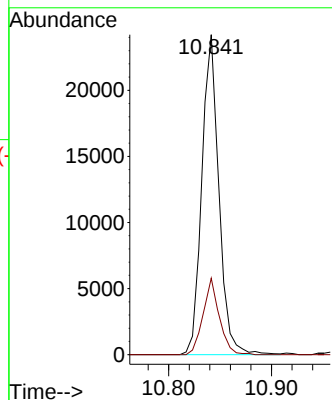
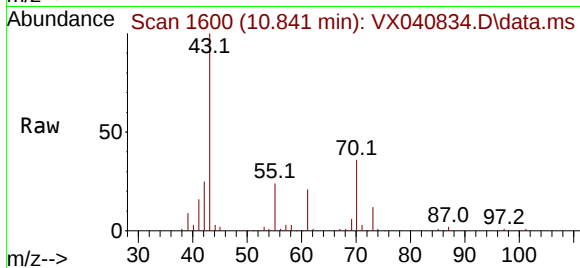
#47
n-amy1 Acetate
Concen: 19.492 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
55 22.5 18.2 27.2

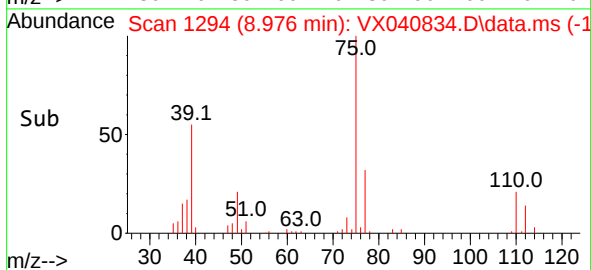
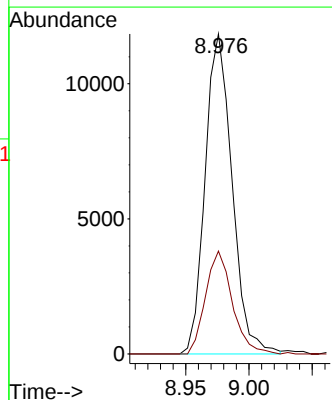
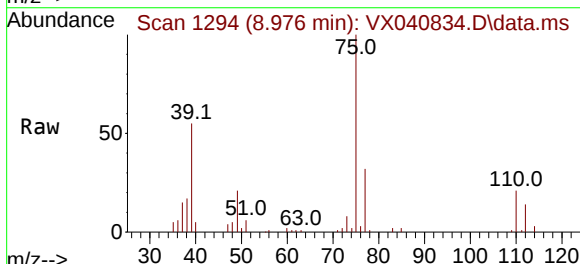
Manual Integrations
APPROVED

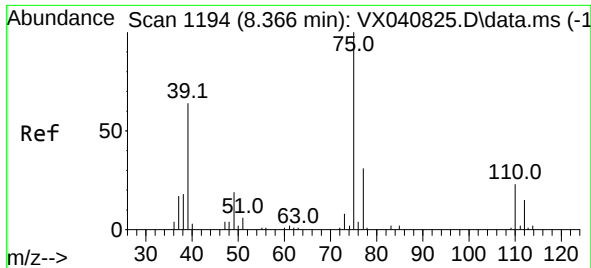
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#48
t-1,3-Dichloropropene
Concen: 19.030 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

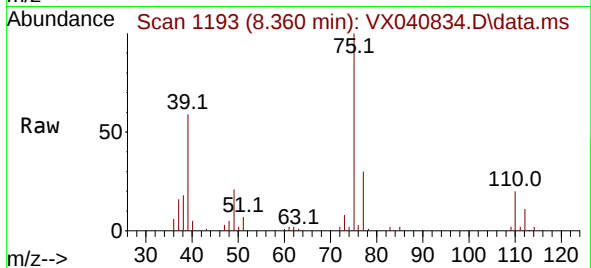
Tgt Ion: 75 Resp: 17560
Ion Ratio Lower Upper
75 100
77 32.2 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.204 ug/l
 RT: 8.360 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX040834.D
 Acq: 29 Mar 2024 11:03

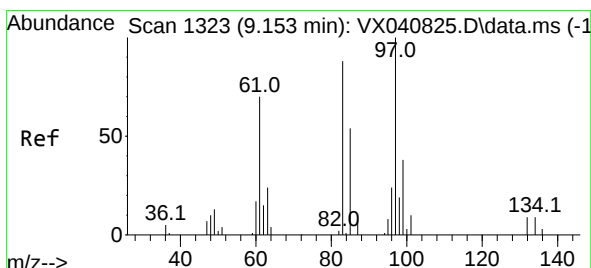
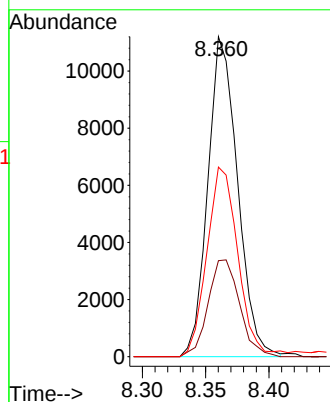
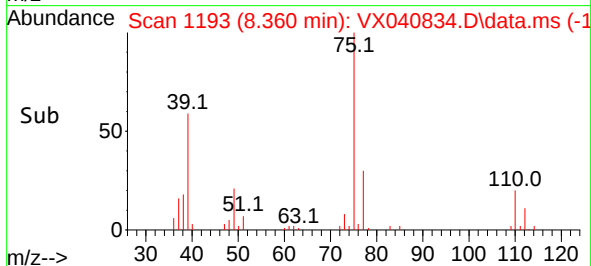
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01



Tgt Ion: 75 Resp: 1830
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.4 36.6
 39 59.3 40.6 60.8

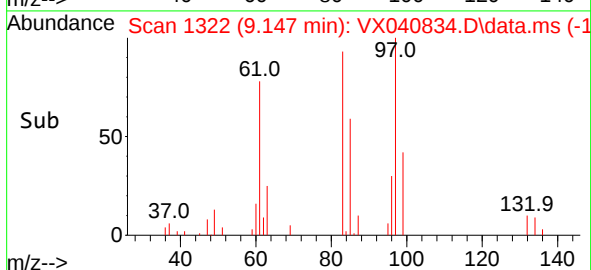
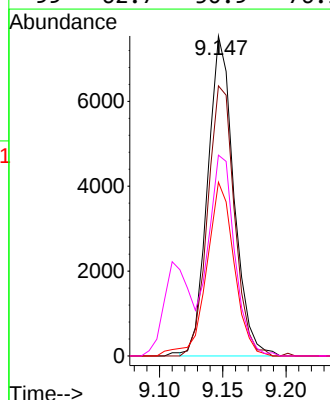
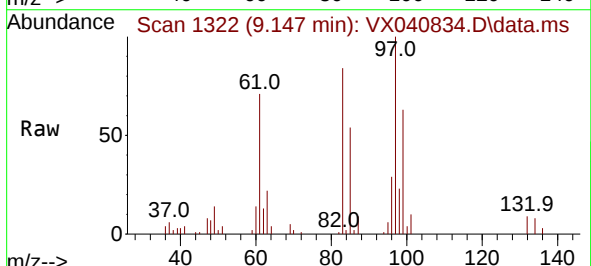
Manual Integrations
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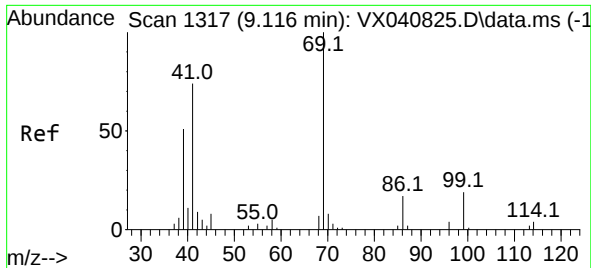
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.311 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX040834.D
 Acq: 29 Mar 2024 11:03

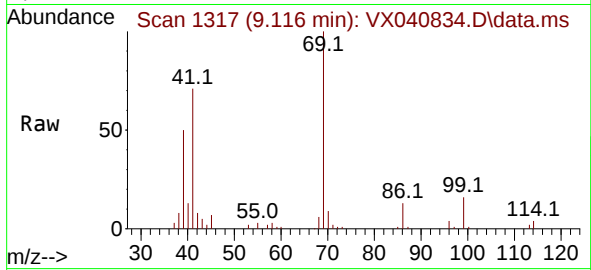
Tgt Ion: 97 Resp: 10851
 Ion Ratio Lower Upper
 97 100
 83 84.4 69.0 103.6
 85 54.3 46.3 69.5
 99 62.7 50.9 76.3





#51
Ethyl methacrylate
Concen: 18.760 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

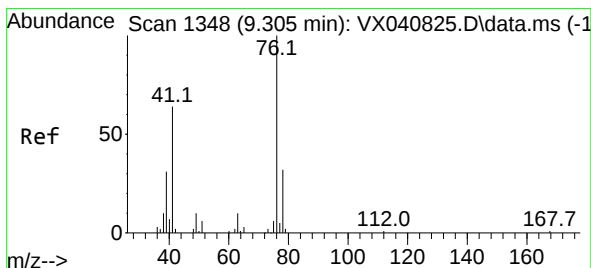
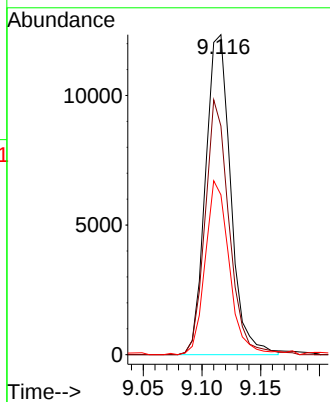
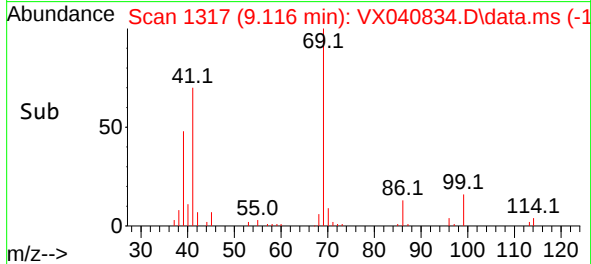
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion: 69 Resp: 1841
Ion Ratio Lower Upper
69 100
41 71.5 36.2 108.6
39 50.0 21.1 63.4

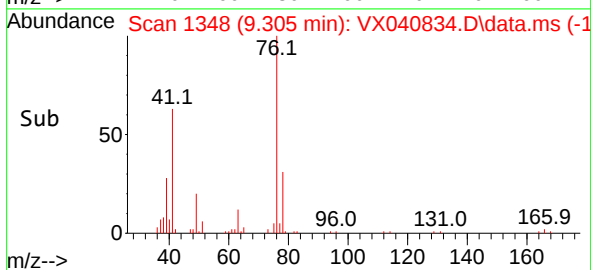
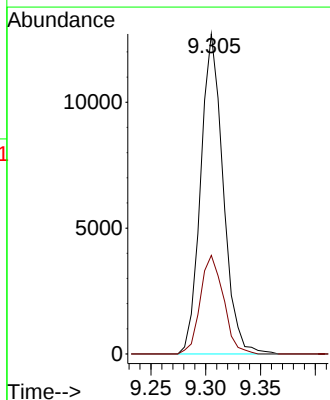
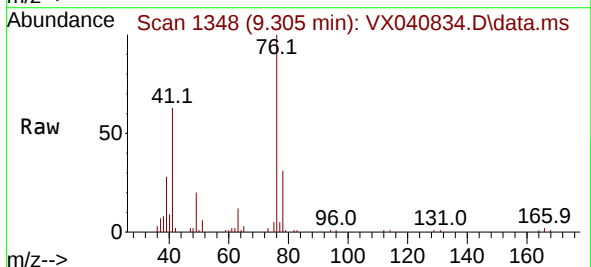
Manual Integrations
APPROVED

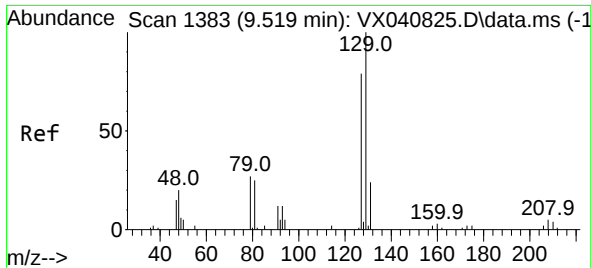
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#52
1,3-Dichloropropane
Concen: 18.785 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 76 Resp: 18142
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.0





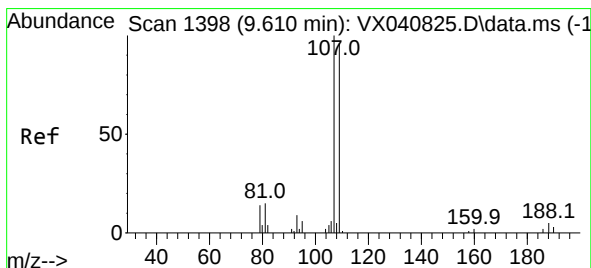
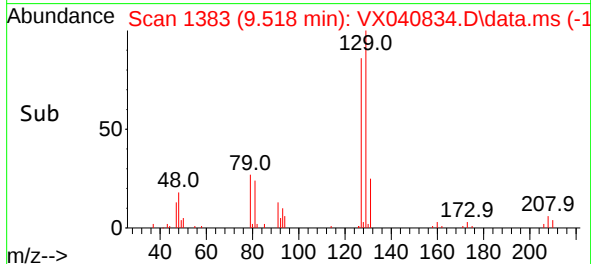
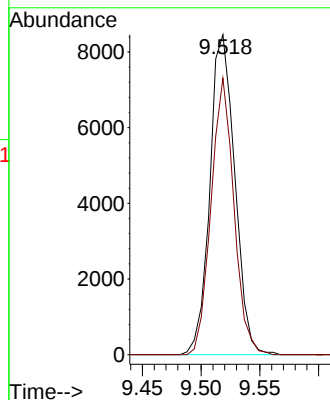
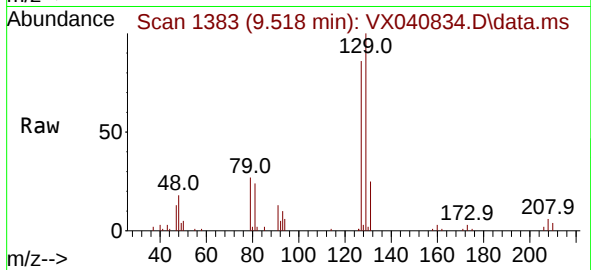
#53
Dibromochloromethane
Concen: 18.544 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion:129 Resp: 1248
Ion Ratio Lower Upper
129 100
127 79.2 38.3 114.9

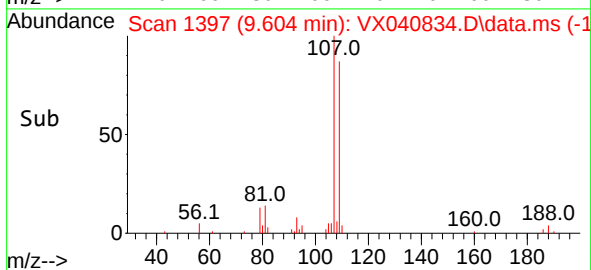
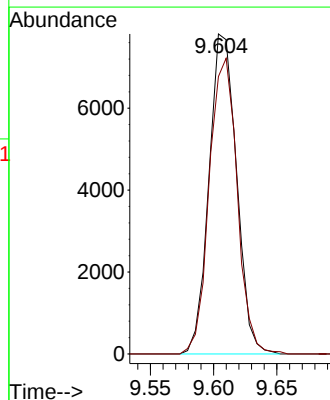
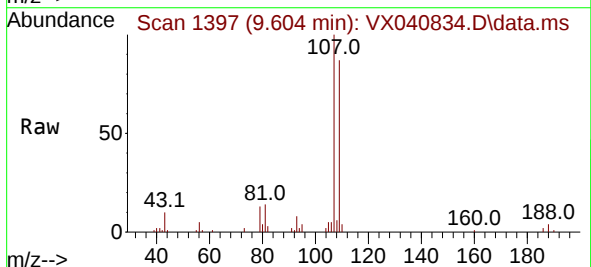
Manual Integrations
APPROVED

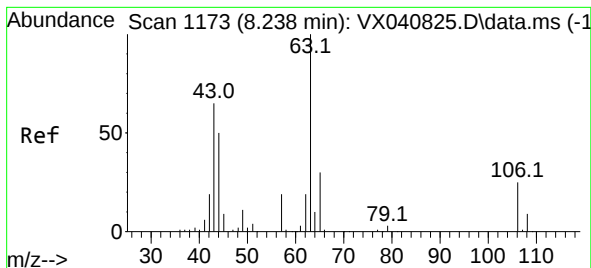
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#54
1,2-Dibromoethane
Concen: 19.033 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion:107 Resp: 11837
Ion Ratio Lower Upper
107 100
109 93.5 75.1 112.7





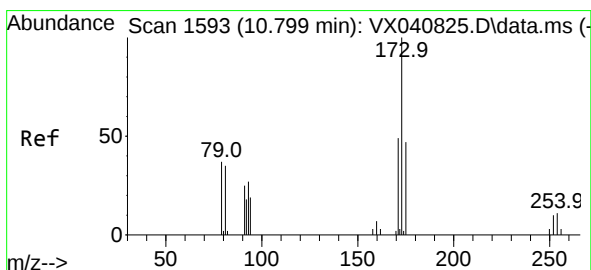
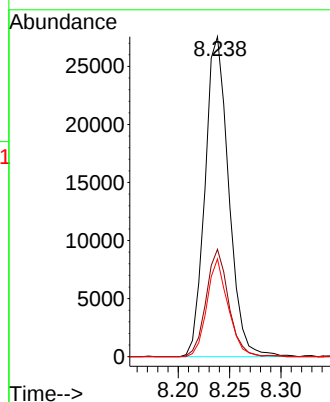
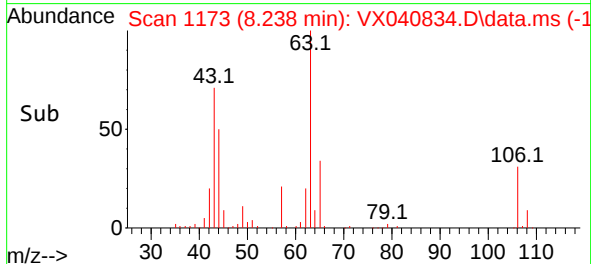
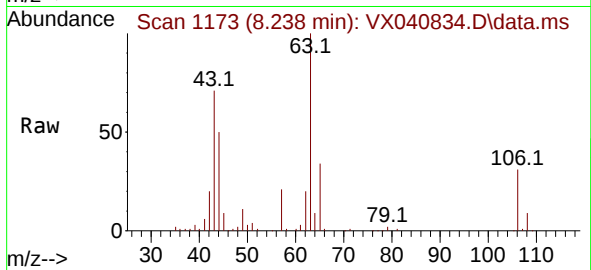
#55
2-Chloroethyl vinyl ether
Concen: 92.354 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 63 Resp: 4433
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.6
106 27.2 20.6 31.0

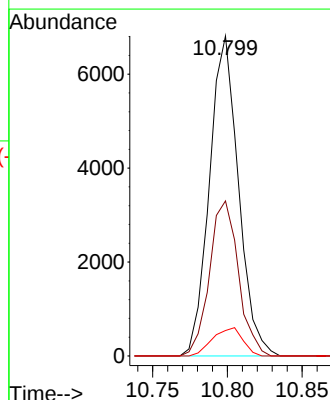
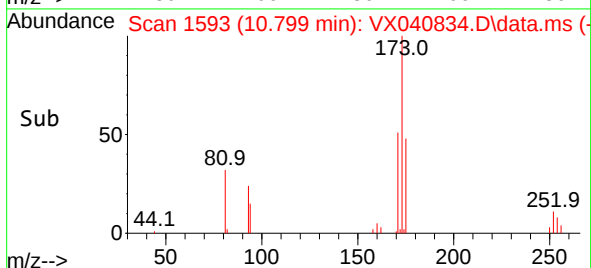
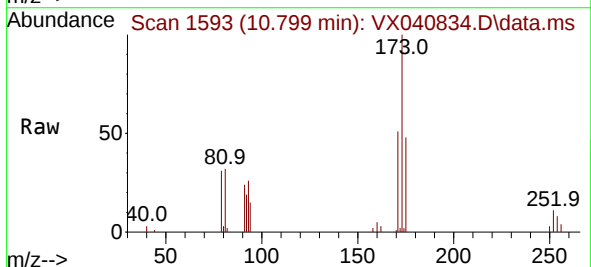
Manual Integrations
APPROVED

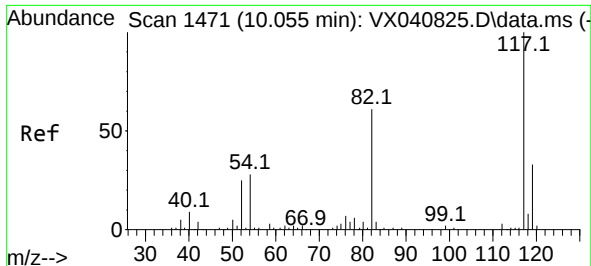
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#56
Bromoform
Concen: 19.625 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion:173 Resp: 9186
Ion Ratio Lower Upper
173 100
175 48.3 37.6 56.4
254 9.2 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

Tgt Ion: 117 Resp: 36170

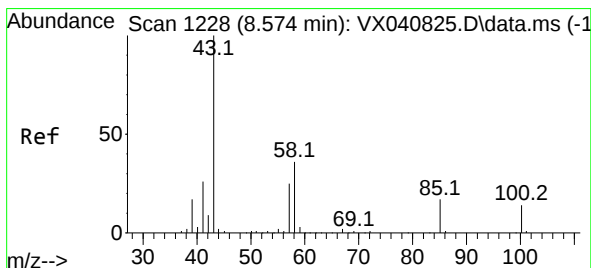
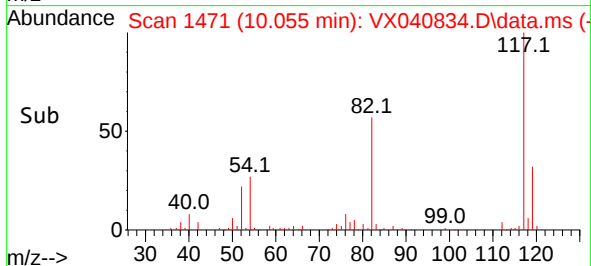
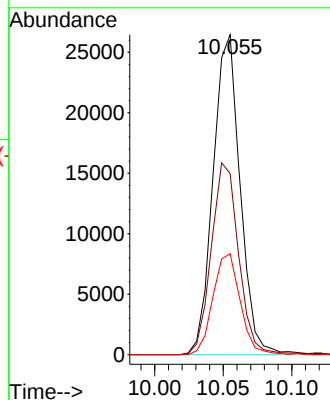
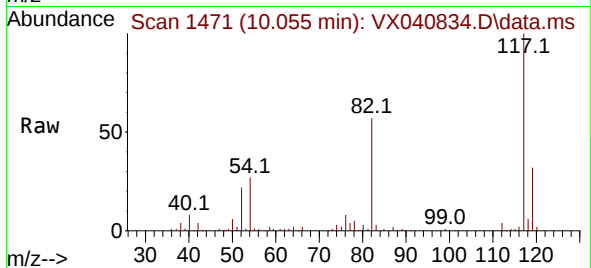
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.0	70.6
119	31.8	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#58

4-Methyl-2-Pentanone

Concen: 93.049 ug/l

RT: 8.567 min Scan# 1227

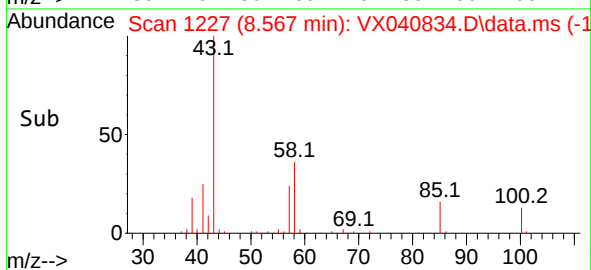
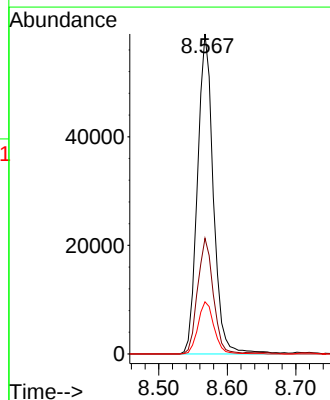
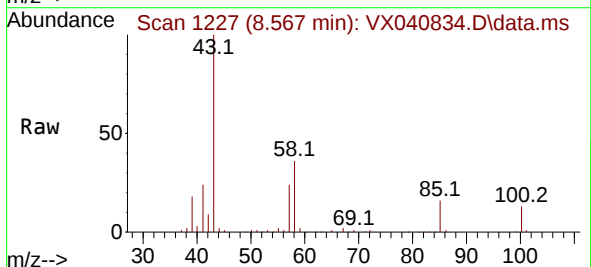
Delta R.T. -0.006 min

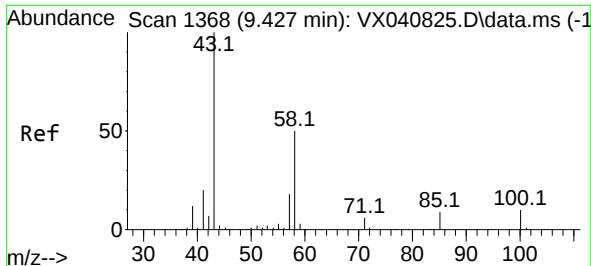
Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Tgt Ion: 43 Resp: 95069

Ion	Ratio	Lower	Upper
43	100		
58	35.6	30.1	45.1
85	16.5	13.9	20.9





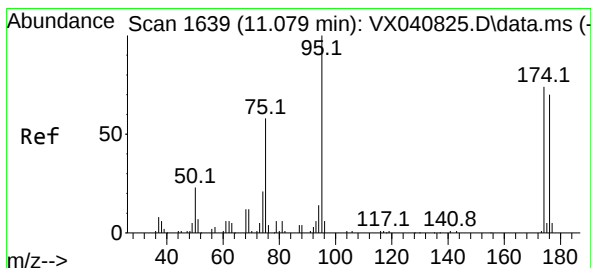
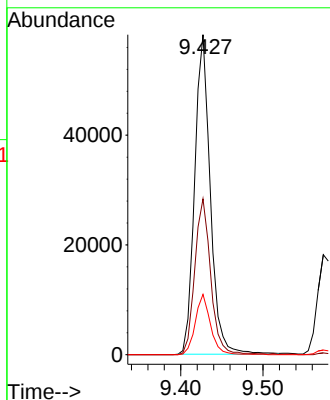
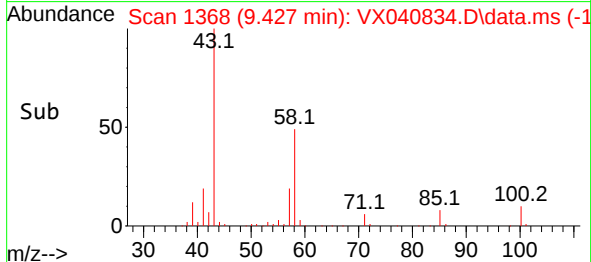
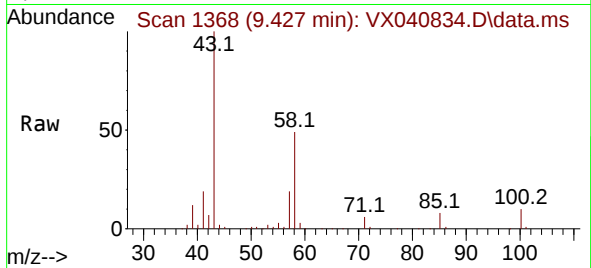
#59
2-Hexanone
Concen: 94.884 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 43 Resp: 77259
Ion Ratio Lower Upper
43 100
58 49.2 42.7 64.1
57 18.3 14.8 22.2

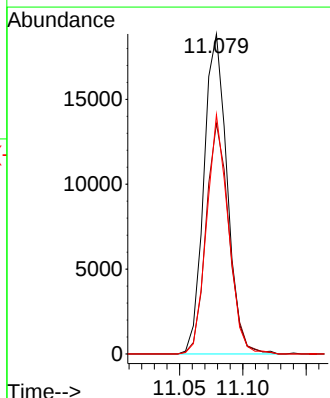
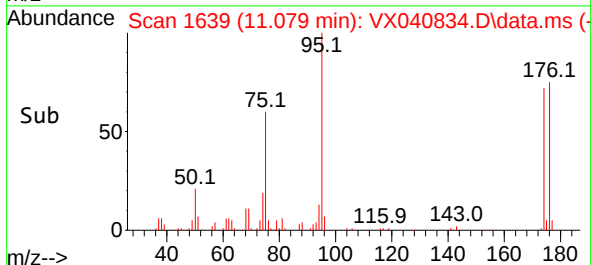
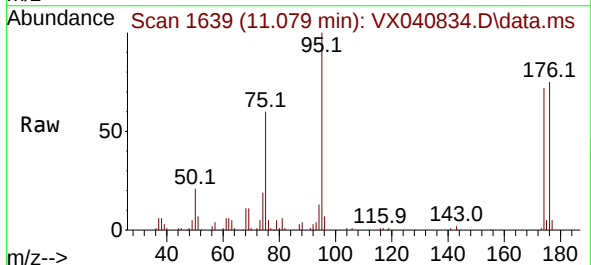
Manual Integrations
APPROVED

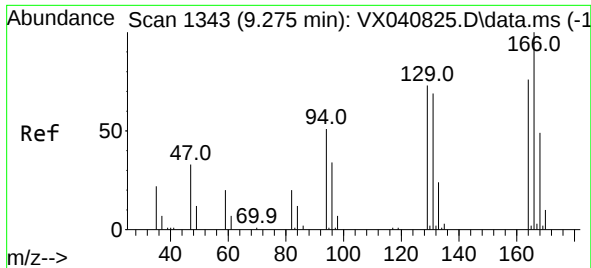
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#60
4-Bromofluorobenzene
Concen: 30.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

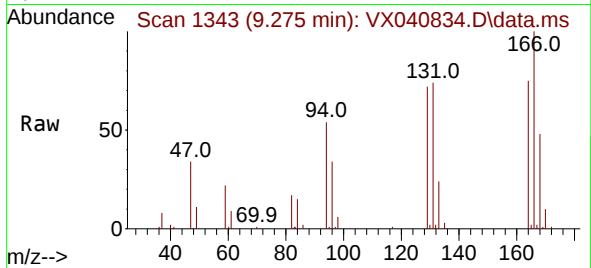
Tgt Ion: 95 Resp: 24076
Ion Ratio Lower Upper
95 100
174 71.3 55.4 83.2
176 70.0 52.6 78.8





#61
Tetrachloroethene
Concen: 19.423 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

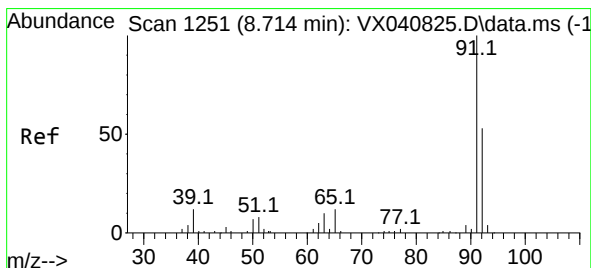
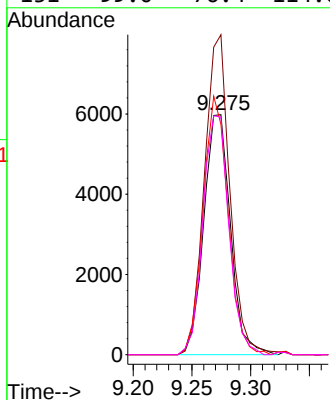
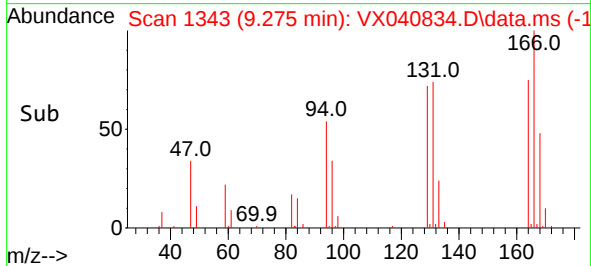
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion:164 Resp: 9419
Ion Ratio Lower Upper
164 100
166 133.4 104.0 156.0
129 96.0 82.0 123.0
131 99.0 76.4 114.6

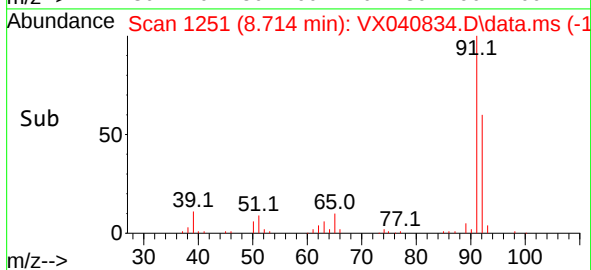
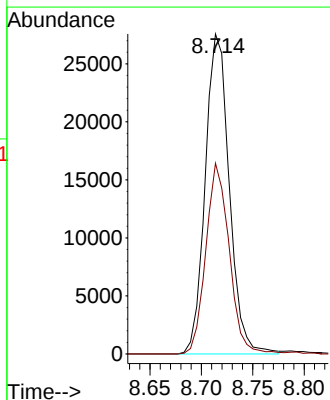
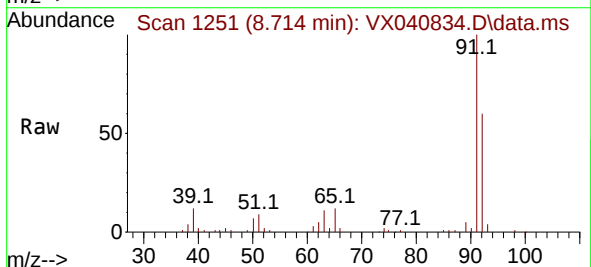
Manual Integrations
APPROVED

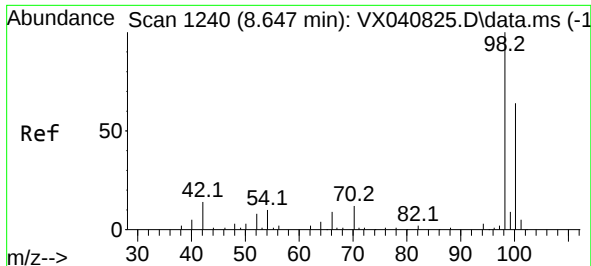
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#62
Toluene
Concen: 18.353 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

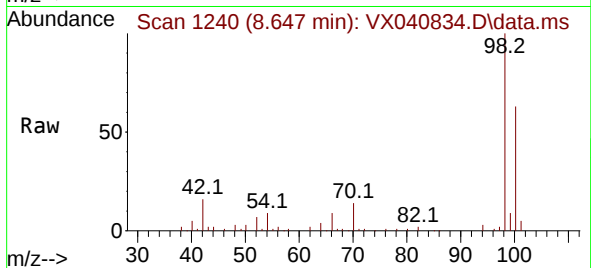
Tgt Ion: 91 Resp: 44905
Ion Ratio Lower Upper
91 100
92 57.9 45.9 68.9





#63
Toluene-d8
Concen: 28.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

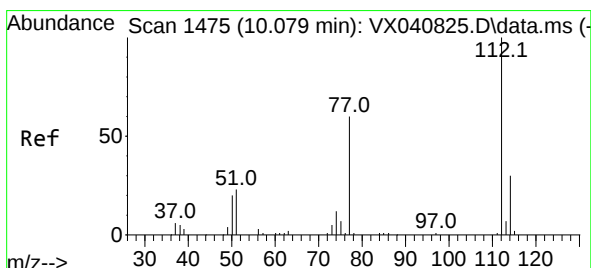
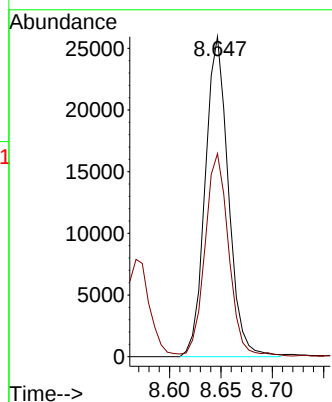
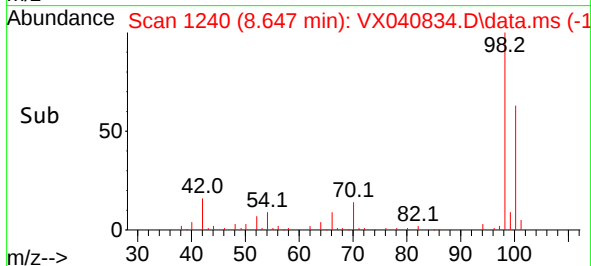
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion: 98 Resp: 40738
Ion Ratio Lower Upper
98 100
100 62.5 51.0 76.4

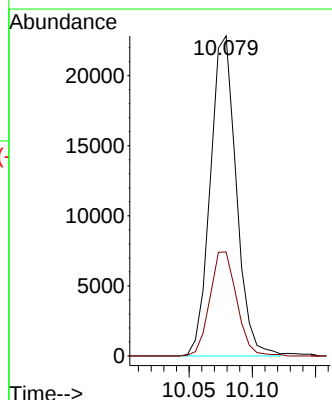
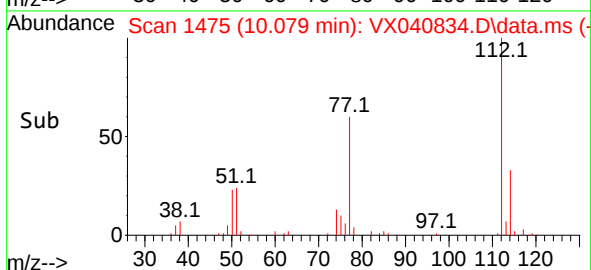
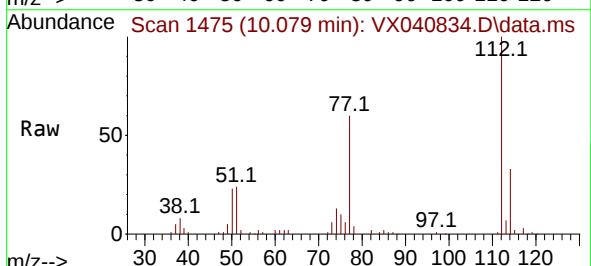
Manual Integrations
APPROVED

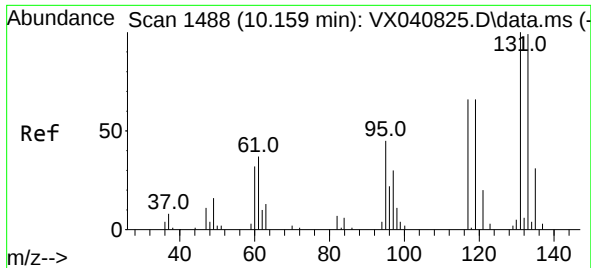
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#64
Chlorobenzene
Concen: 20.610 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion:112 Resp: 32598
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9





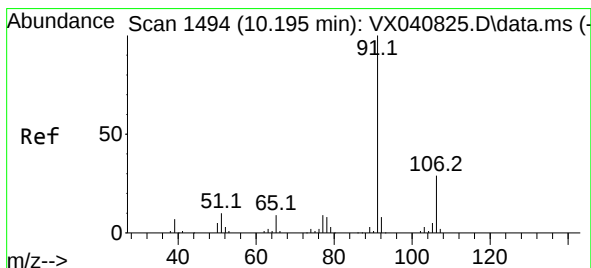
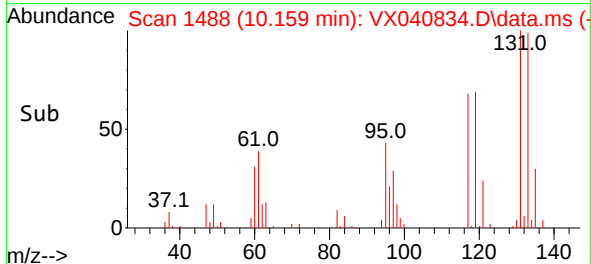
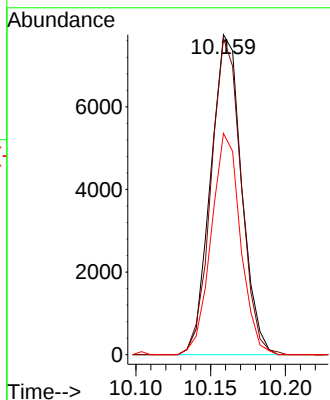
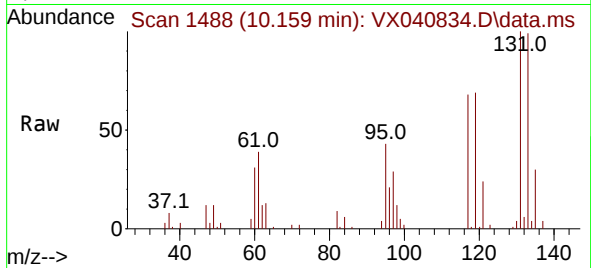
#65
1,1,1,2-Tetrachloroethane
Concen: 20.123 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion:131 Resp: 11154
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.8
119 65.3 0.0 135.4

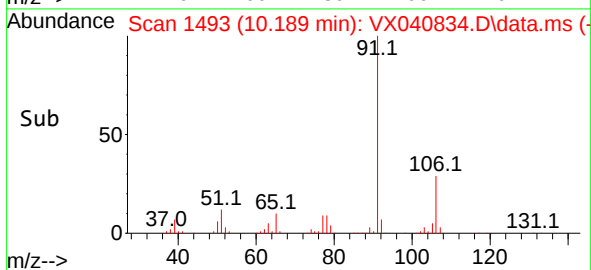
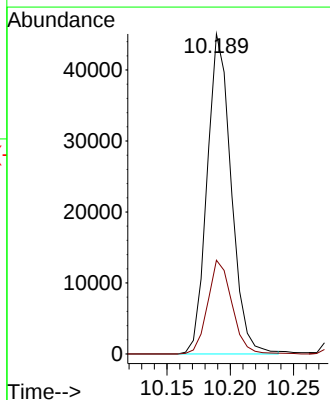
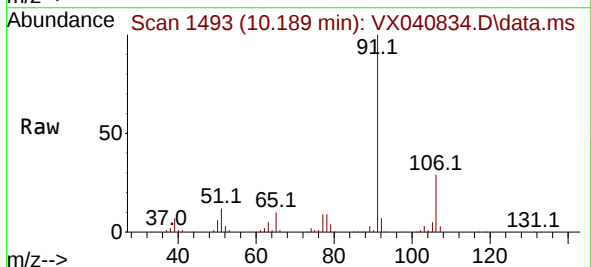
Manual Integrations
APPROVED

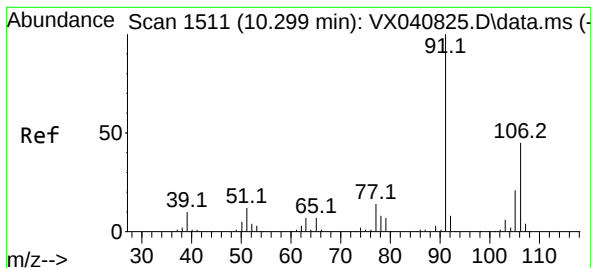
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#66
Ethyl Benzene
Concen: 20.766 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion: 91 Resp: 59721
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6





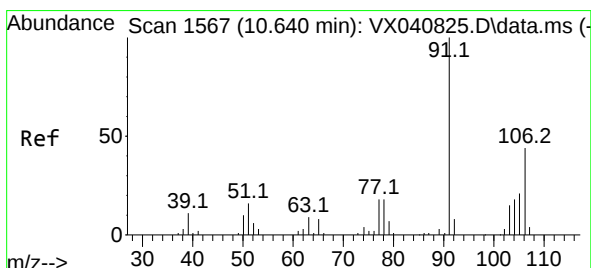
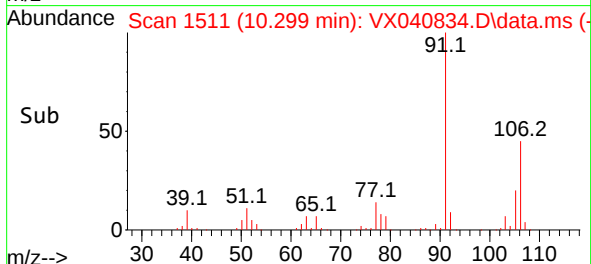
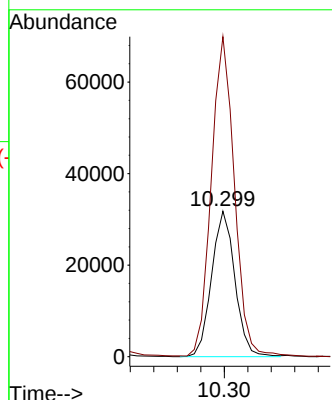
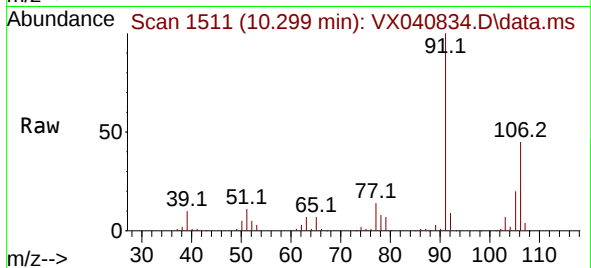
#67
m/p-Xylenes
Concen: 41.520 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion:106 Resp: 4383
Ion Ratio Lower Upper
106 100
91 217.3 169.4 254.0

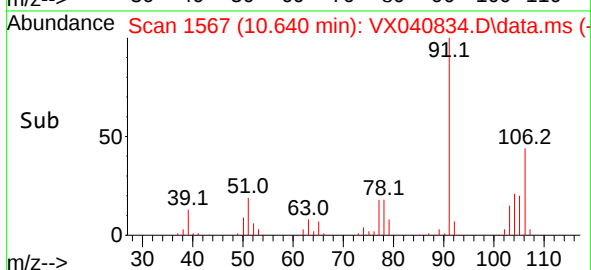
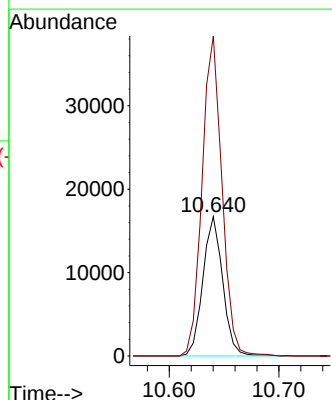
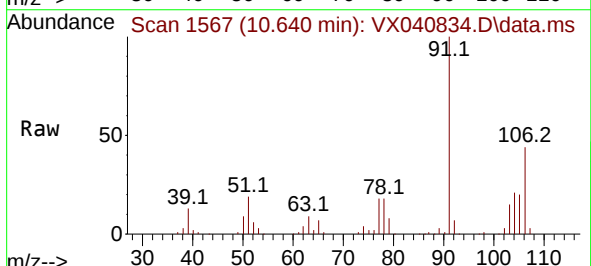
Manual Integrations
APPROVED

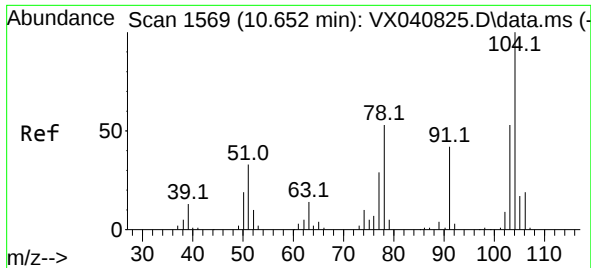
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#68
o-Xylene
Concen: 21.094 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion:106 Resp: 20981
Ion Ratio Lower Upper
106 100
91 230.2 111.2 333.6





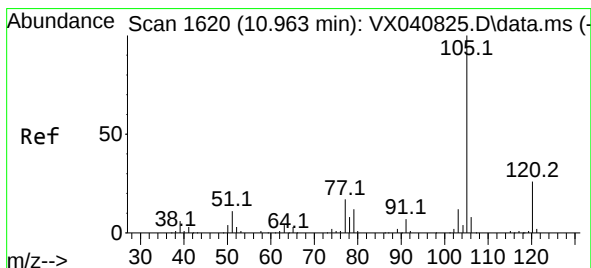
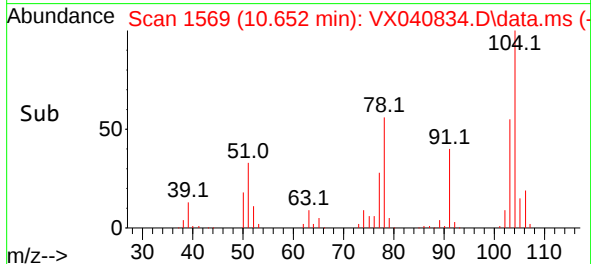
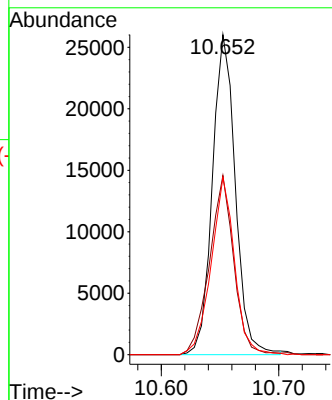
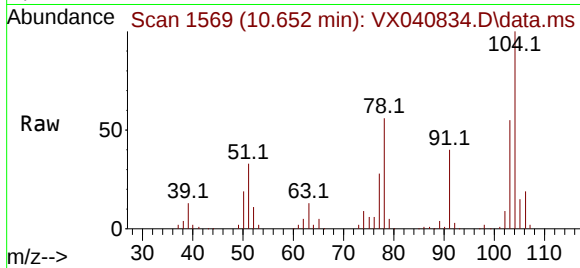
#69
Styrene
Concen: 20.490 ug/l
RT: 10.652 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion:104 Resp: 3536
Ion Ratio Lower Upper
104 100
78 59.1 43.7 65.5
103 56.4 44.6 67.0

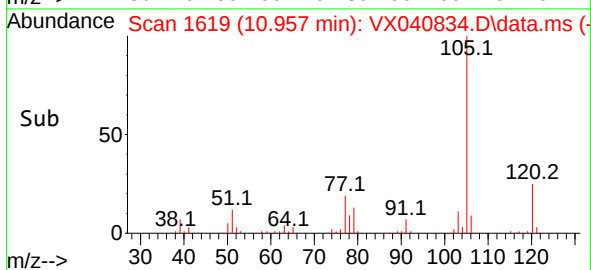
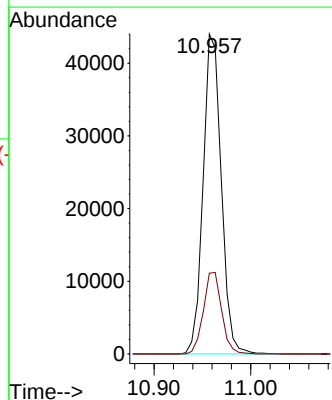
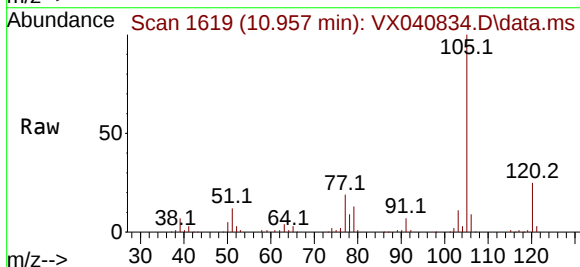
Manual Integrations
APPROVED

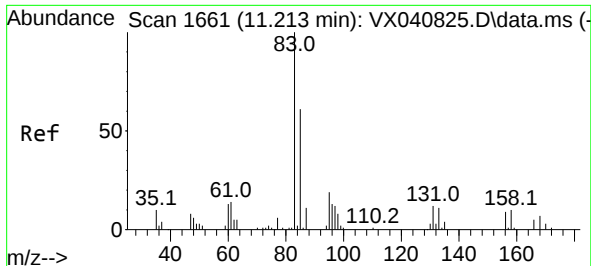
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#70
Isopropylbenzene
Concen: 21.217 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

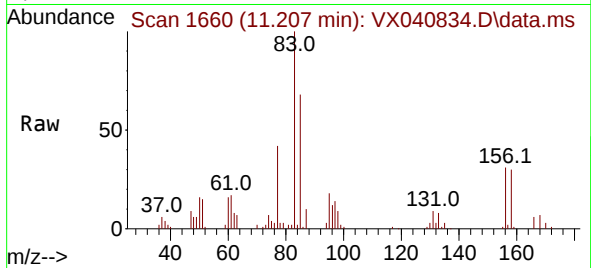
Tgt Ion:105 Resp: 57489
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.652 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

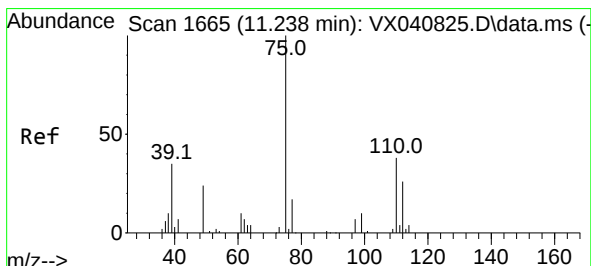
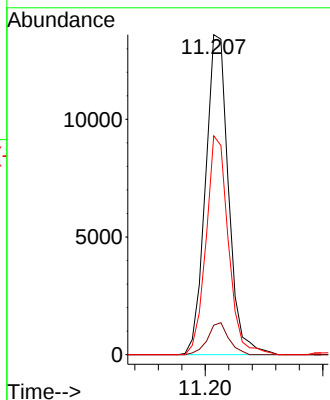
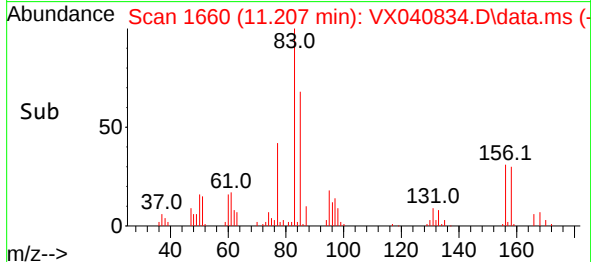
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



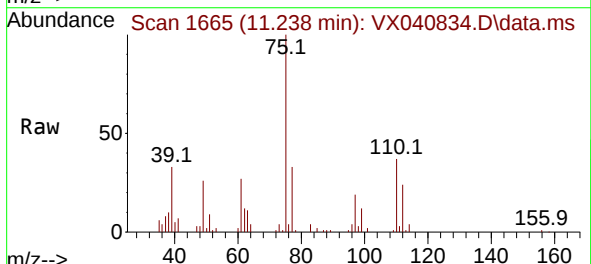
Tgt Ion: 83 Resp: 1849
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.3 32.5 97.4

Manual Integrations
APPROVED

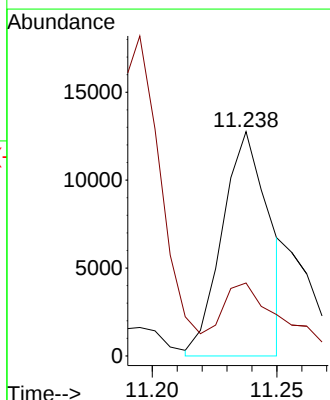
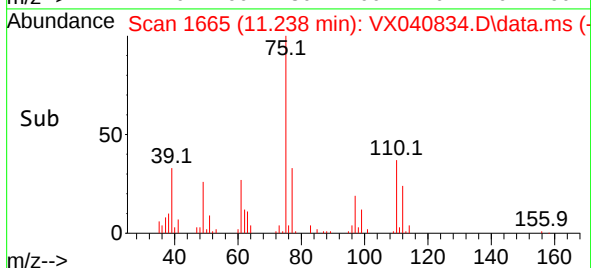
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

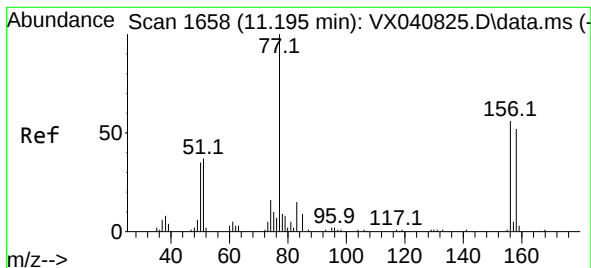


#72
1,2,3-Trichloropropane
Concen: 20.894 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



Tgt Ion: 75 Resp: 16645
Ion Ratio Lower Upper
75 100
77 43.1 0.0 76.4





#73

Bromobenzene

Concen: 20.864 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

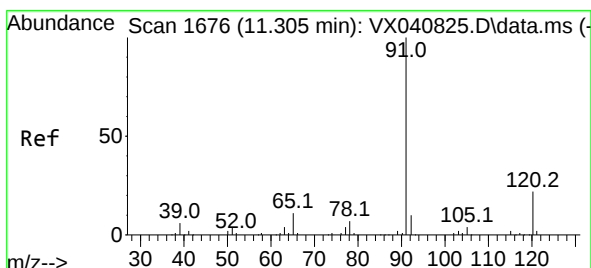
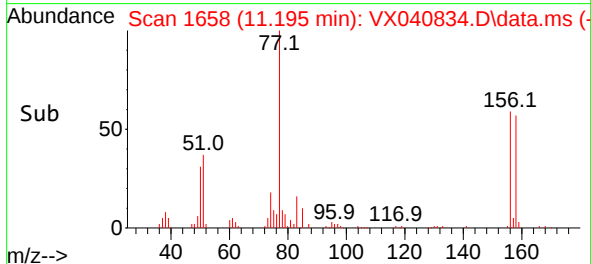
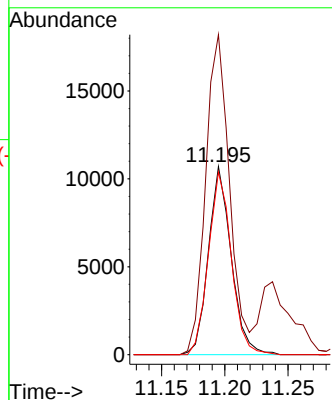
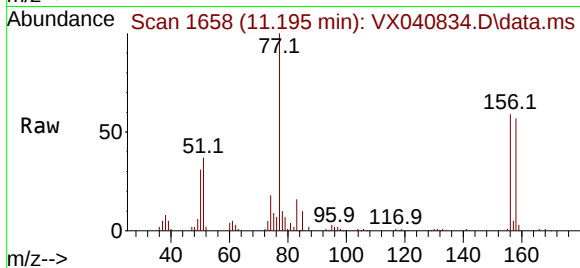
Tgt Ion:	156	Resp:	13480
Ion Ratio	Lower	Upper	
156	100		
77	177.3	0.0	363.2
158	97.4	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#74

n-propylbenzene

Concen: 21.267 ug/l

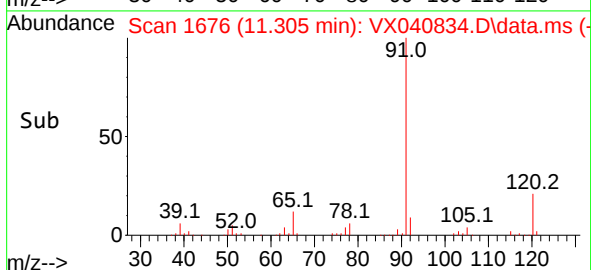
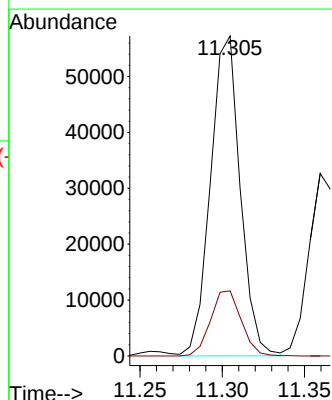
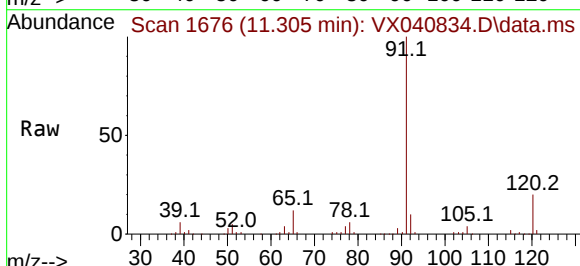
RT: 11.305 min Scan# 1676

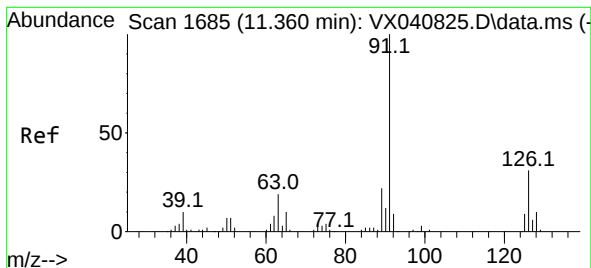
Delta R.T. -0.000 min

Lab File: VX040834.D

Acq: 29 Mar 2024 11:03

Tgt Ion:	91	Resp:	71938
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	43.4





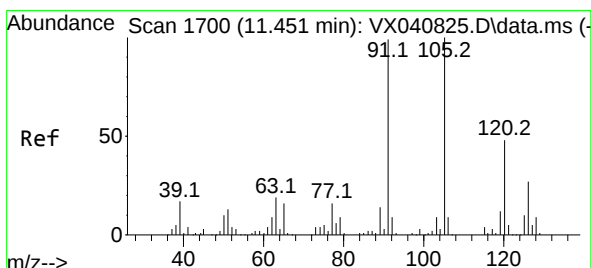
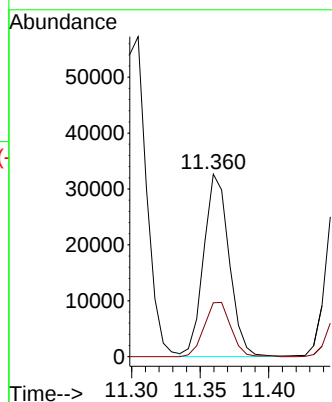
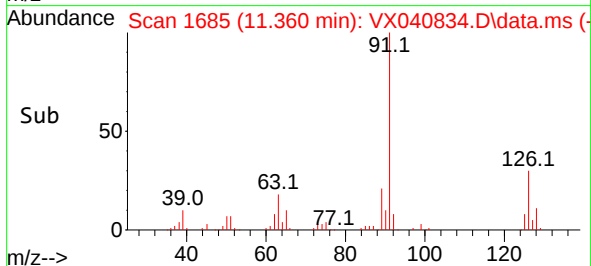
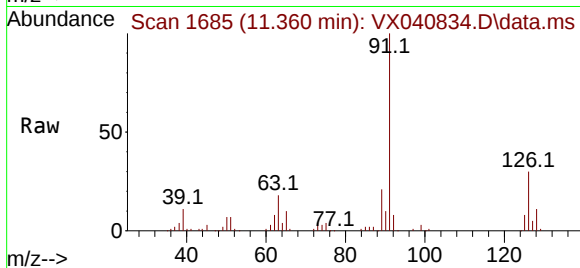
#75
2-Chlorotoluene
Concen: 21.114 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 91 Resp: 4223
Ion Ratio Lower Upper
91 100
126 31.0 0.0 64.2

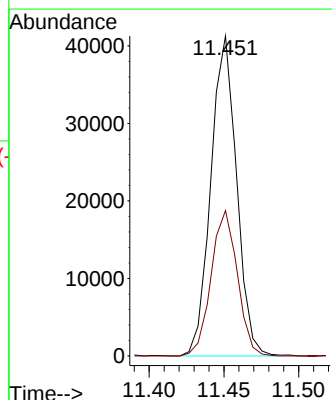
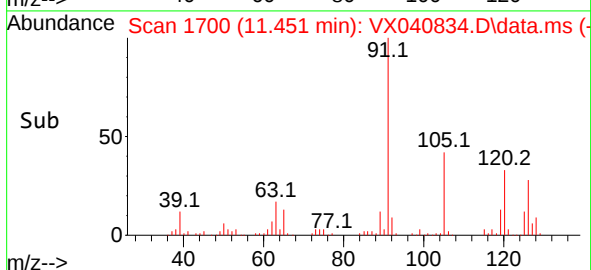
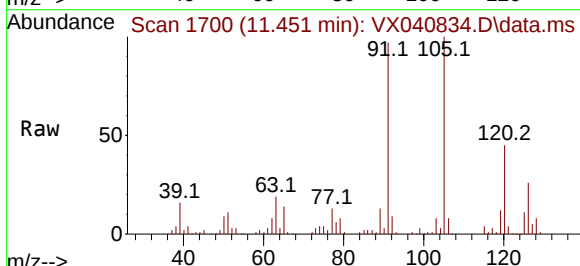
Manual Integrations
APPROVED

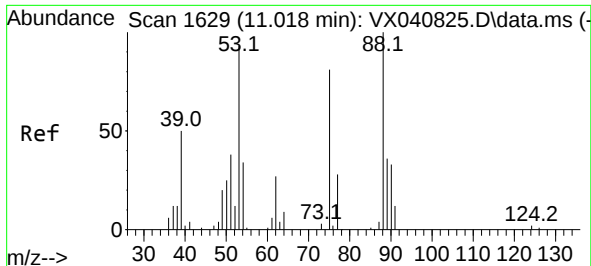
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.093 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

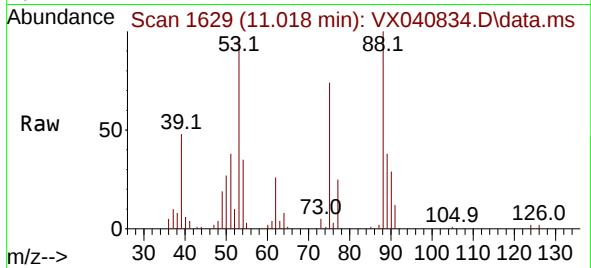
Tgt Ion:105 Resp: 49456
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.397 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

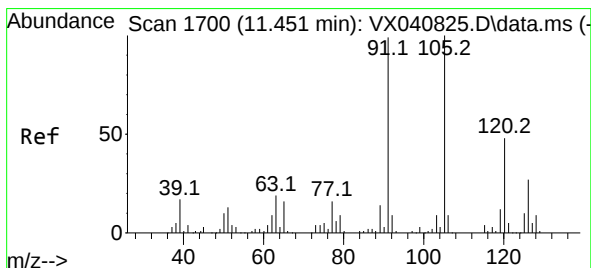
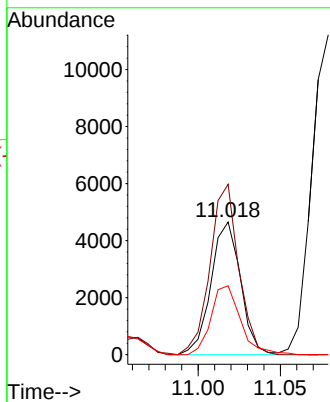
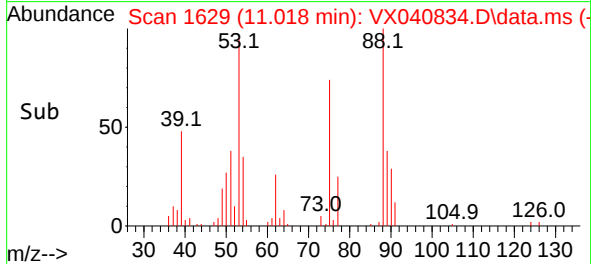
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion: 75 Resp: 583
Ion Ratio Lower Upper
75 100
53 128.5 46.9 140.8
89 52.0 21.3 63.7

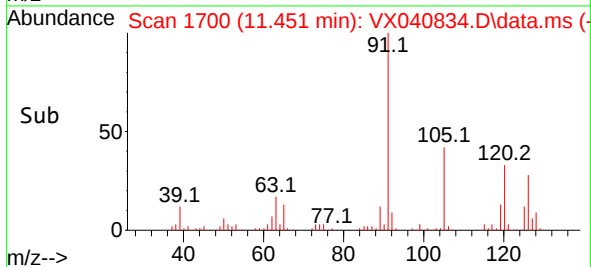
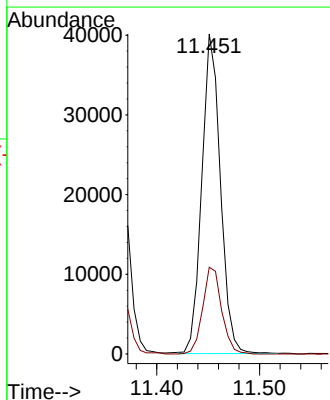
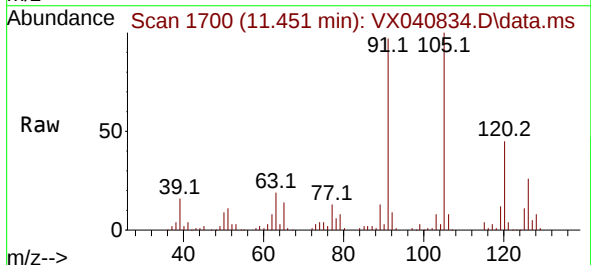
Manual Integrations
APPROVED

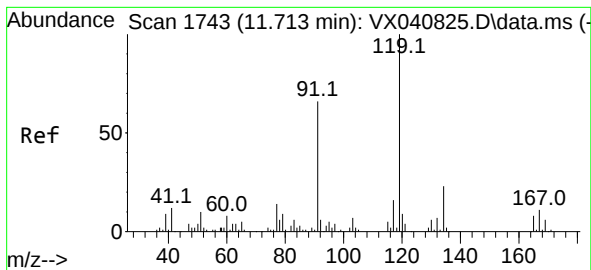
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#78
4-Chlorotoluene
Concen: 21.291 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

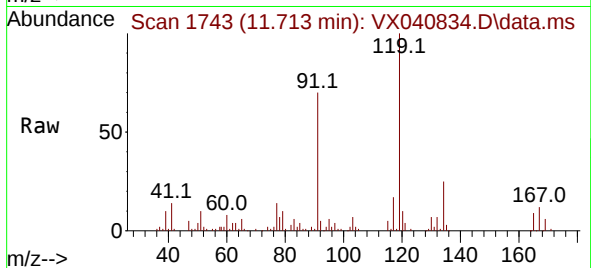
Tgt Ion: 91 Resp: 50608
Ion Ratio Lower Upper
91 100
126 27.5 0.0 57.4





#79
tert-butylbenzene
Concen: 19.723 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

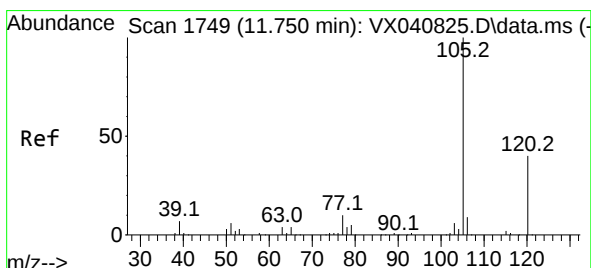
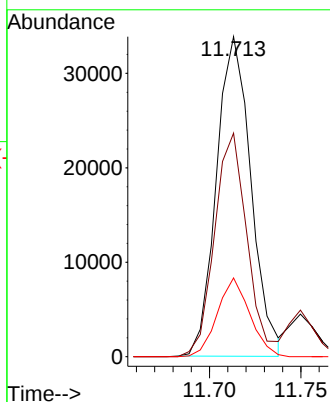
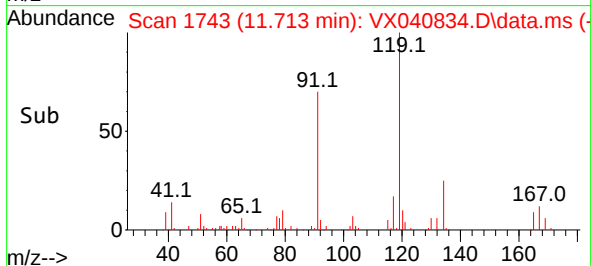
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



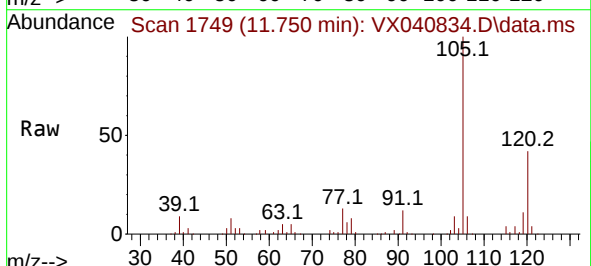
Tgt Ion:119 Resp: 44498
Ion Ratio Lower Upper
119 100
91 66.3 0.0 125.6
134 23.2 0.0 43.8

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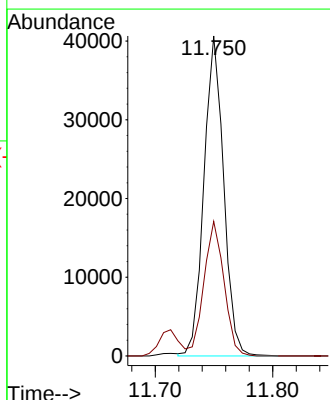
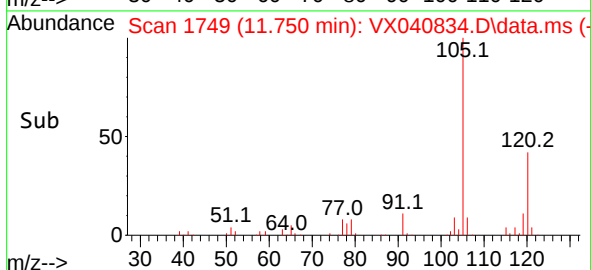
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

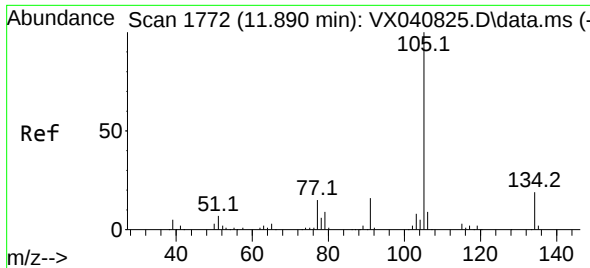


#80
1,2,4-Trimethylbenzene
Concen: 20.356 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



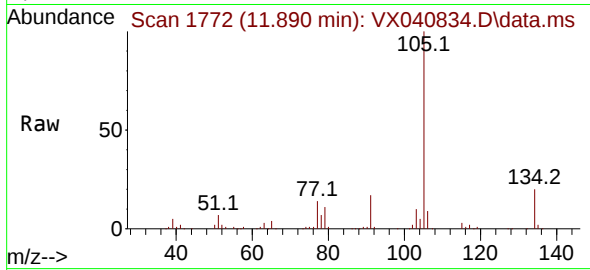
Tgt Ion:105 Resp: 47298
Ion Ratio Lower Upper
105 100
120 42.9 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.495 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040834.D
 Acq: 29 Mar 2024 11:03

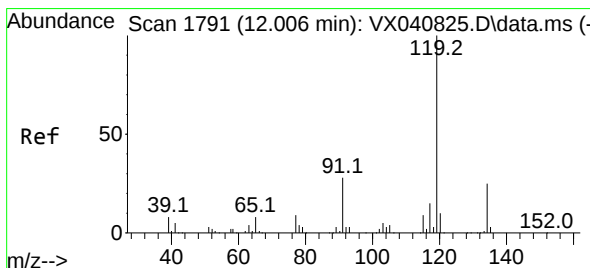
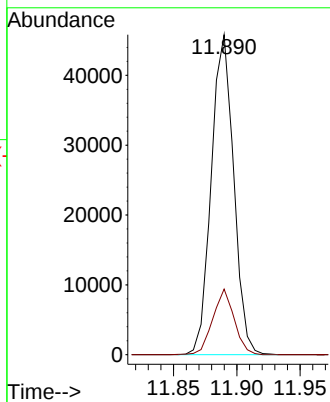
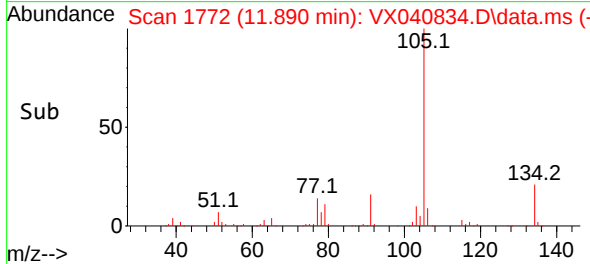
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01



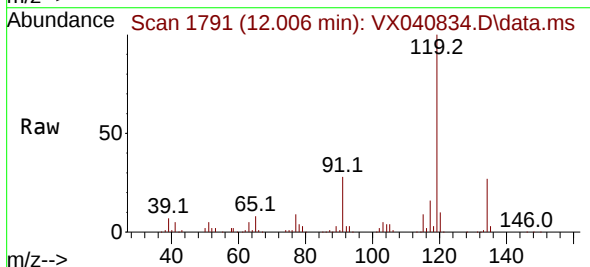
Tgt Ion:105 Resp: 5640
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4

Manual Integrations
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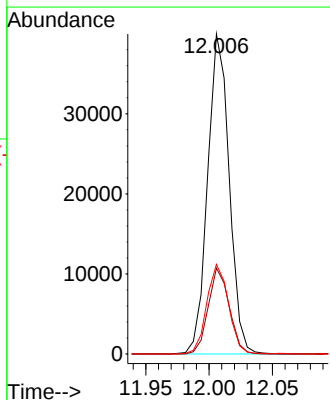
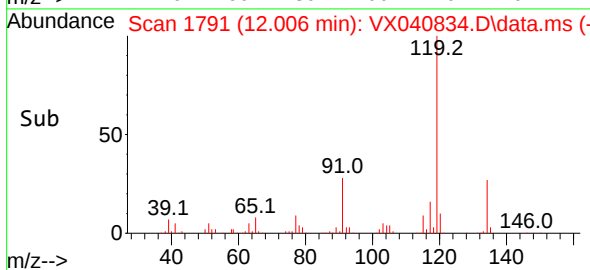
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024

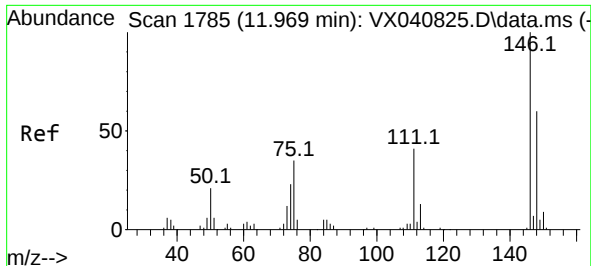


#82
 p-Isopropyltoluene
 Concen: 19.344 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040834.D
 Acq: 29 Mar 2024 11:03



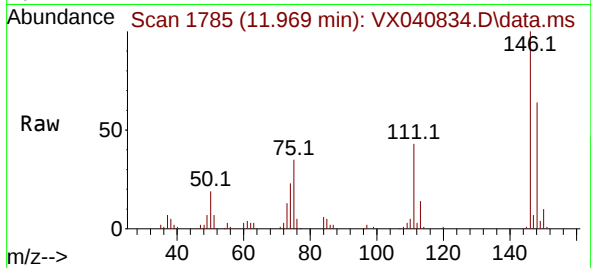
Tgt Ion:119 Resp: 47387
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 28.2 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 19.528 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

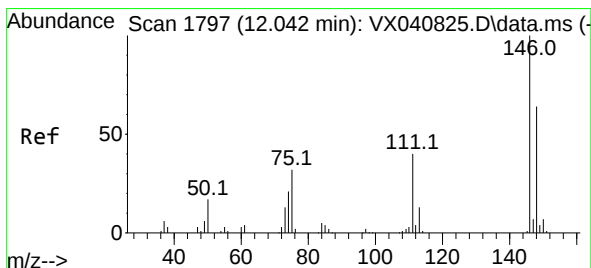
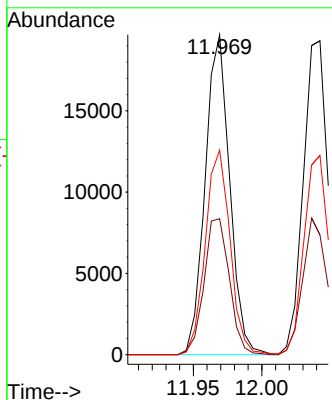
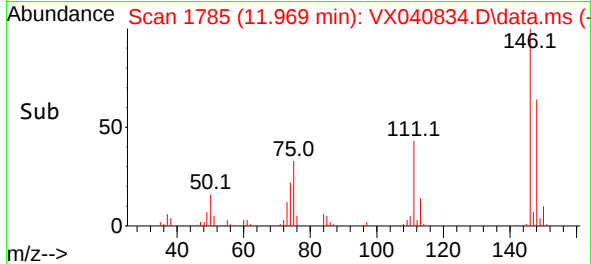
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



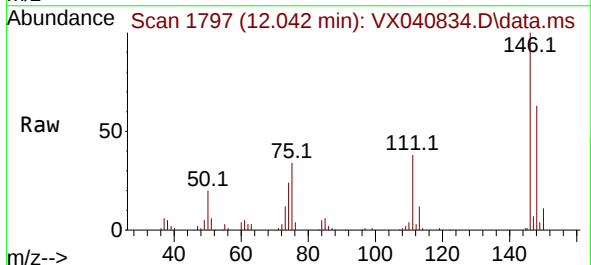
Tgt Ion:146 Resp: 24499
Ion Ratio Lower Upper
146 100
111 43.9 22.3 66.9
148 64.6 32.8 98.3

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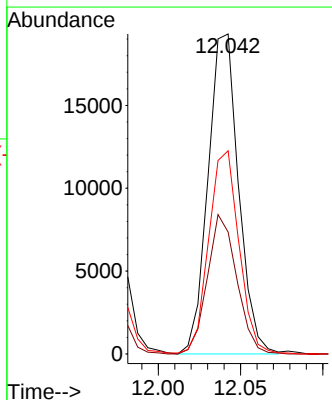
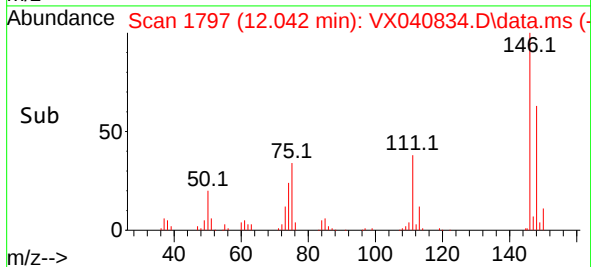
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

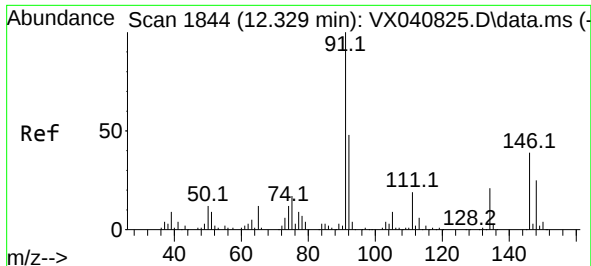


#84
1,4-Dichlorobenzene
Concen: 19.300 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



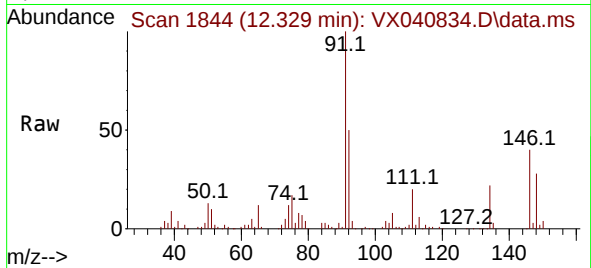
Tgt Ion:146 Resp: 24952
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 63.0 31.8 95.4





#85
n-Butylbenzene
Concen: 19.059 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

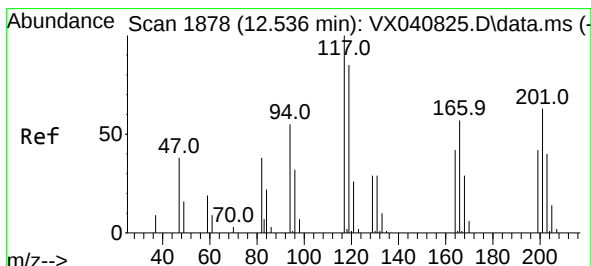
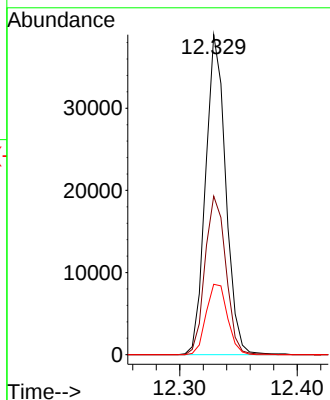
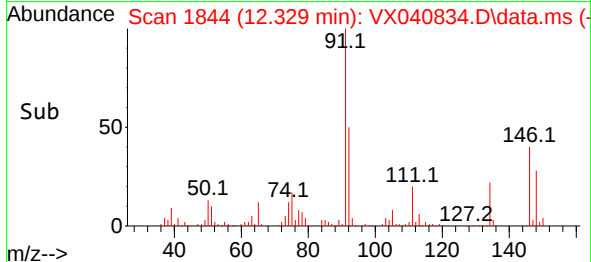
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion: 91 Resp: 4643
Ion Ratio Lower Upper
91 100
92 51.4 0.0 106.2
134 23.4 0.0 48.8

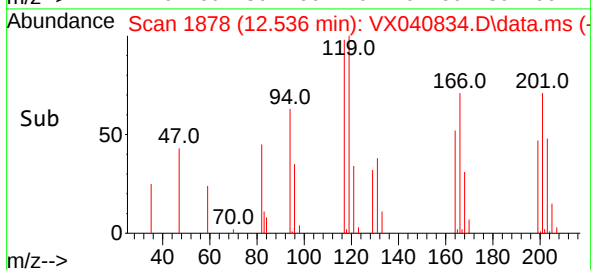
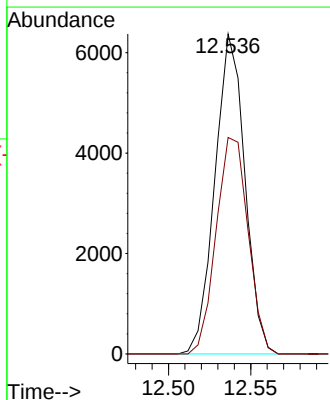
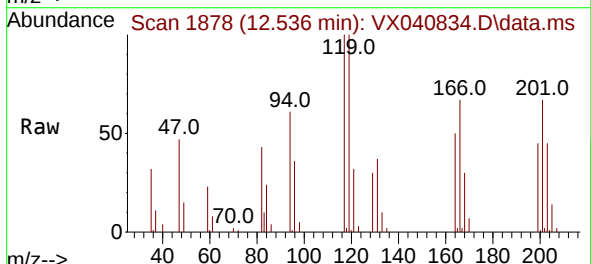
Manual Integrations
APPROVED

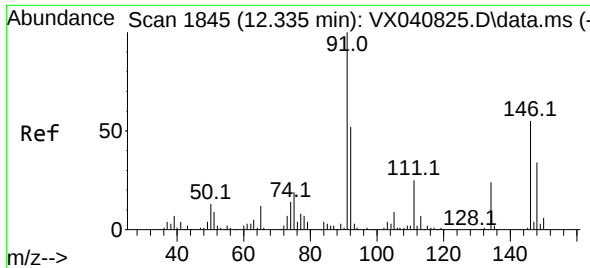
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#86
Hexachloroethane
Concen: 18.544 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

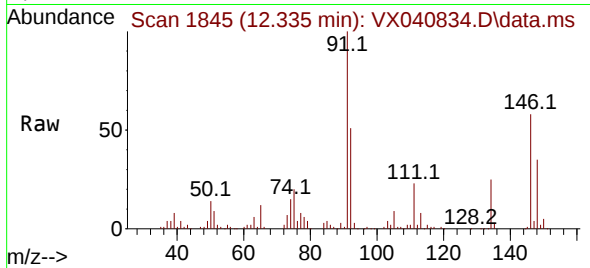
Tgt Ion:117 Resp: 8071
Ion Ratio Lower Upper
117 100
201 72.2 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.052 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

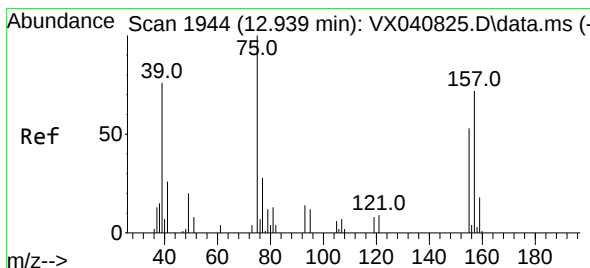
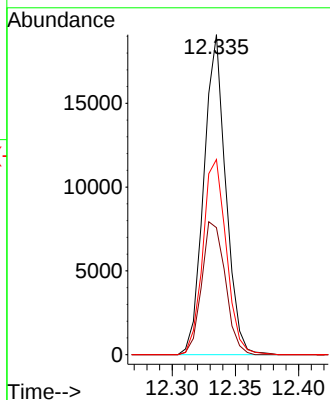
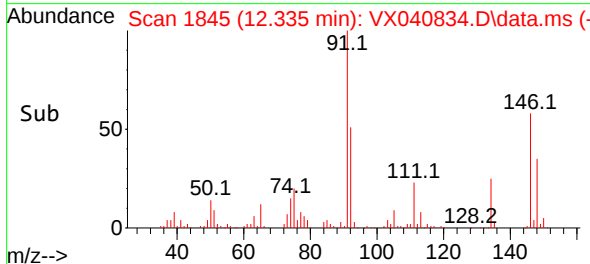
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion:146 Resp: 23120
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.2
148 65.2 31.9 95.7

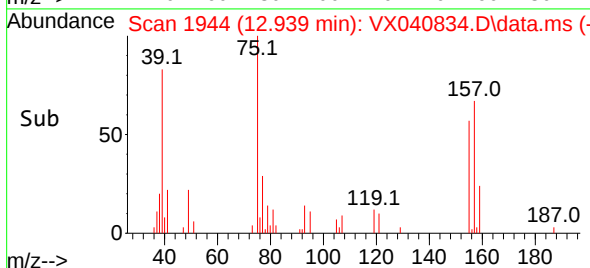
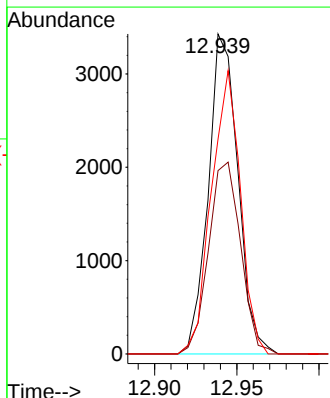
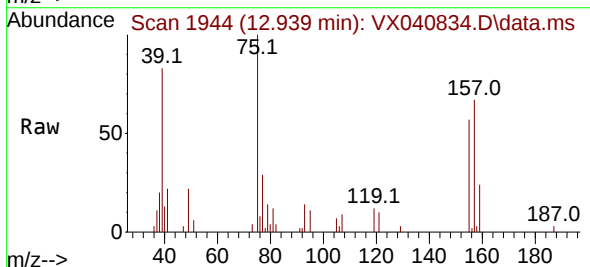
Manual Integrations
APPROVED

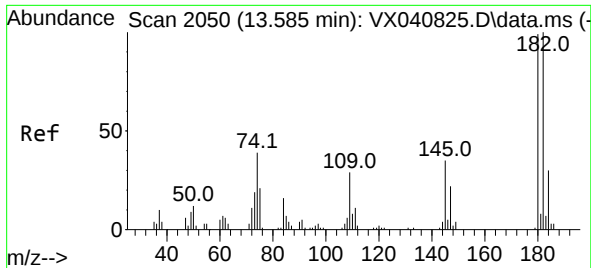
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.763 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

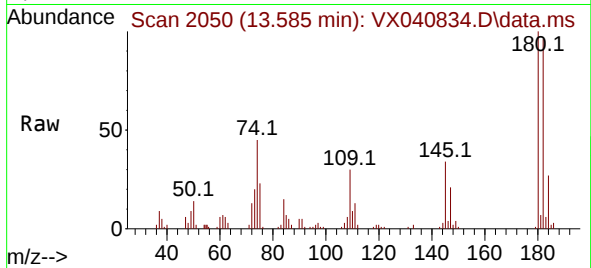
Tgt Ion: 75 Resp: 4302
Ion Ratio Lower Upper
75 100
155 64.7 58.2 87.4
157 86.6 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 18.893 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

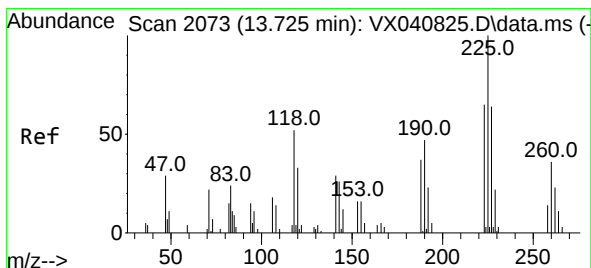
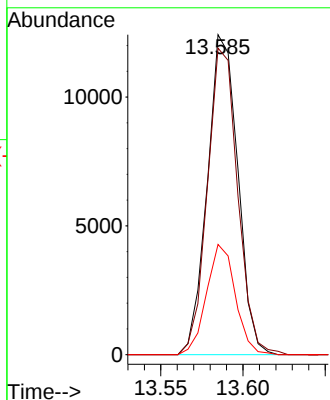
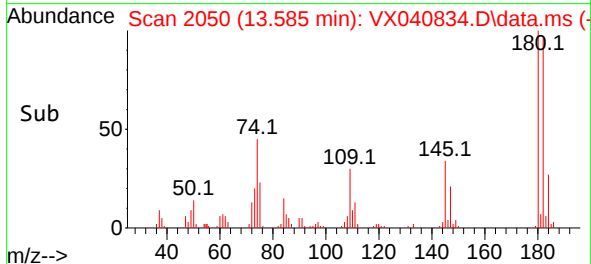
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



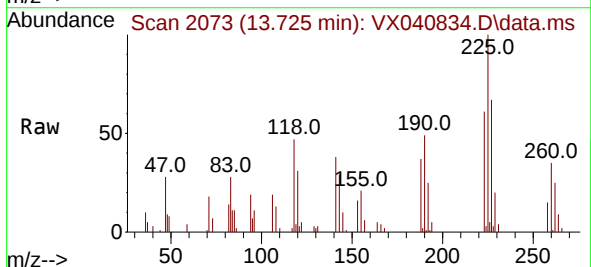
Tgt Ion:180 Resp: 1599
Ion Ratio Lower Upper
180 100
182 95.0 74.5 111.7
145 32.7 26.6 40.0

Manual Integrations
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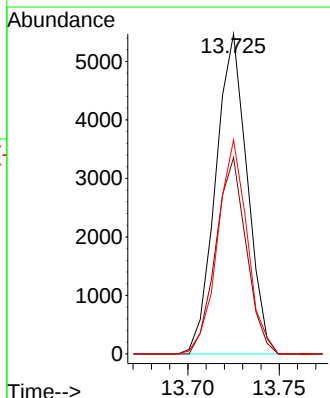
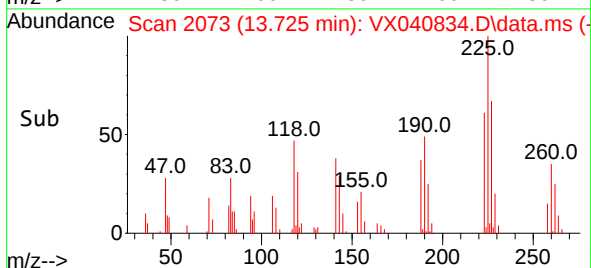
Reviewed By :John Carbone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

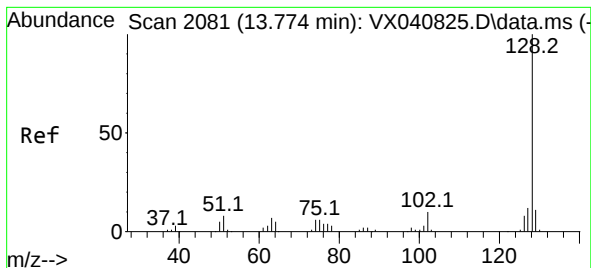


#90
Hexachlorobutadiene
Concen: 20.646 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03



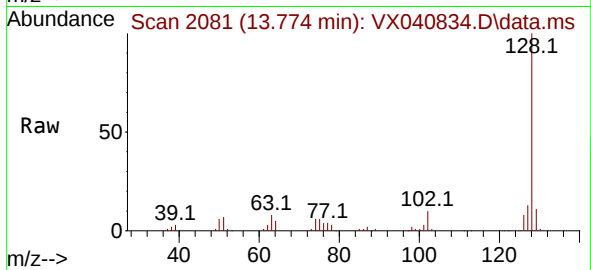
Tgt Ion:225 Resp: 6555
Ion Ratio Lower Upper
225 100
223 59.2 0.0 124.4
227 62.9 0.0 124.4





#91
Naphthalene
Concen: 19.230 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

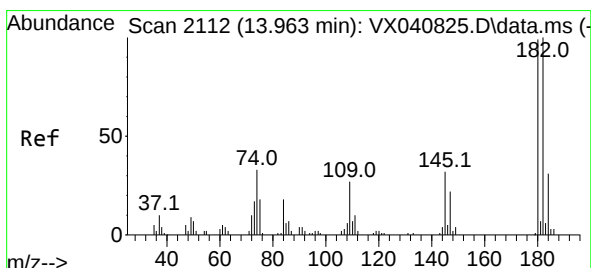
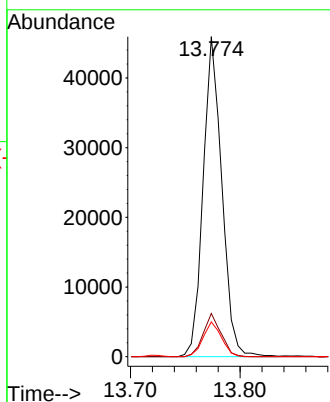
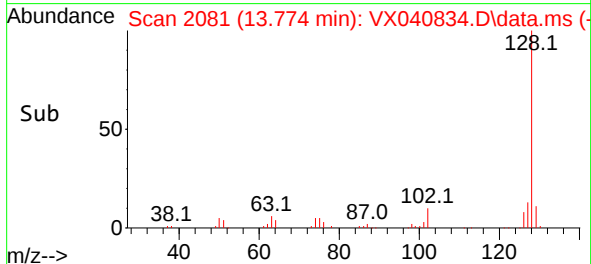
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01



Tgt Ion:128 Resp: 5444
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.211 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040834.D
Acq: 29 Mar 2024 11:03

Tgt Ion:180 Resp: 16310
Ion Ratio Lower Upper
180 100
182 91.6 0.0 191.6
145 33.5 0.0 69.6

