

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040586.D
 Acq On : 05 Mar 2024 14:03
 Operator : JC/MD
 Sample : VX0305WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 06 00:11:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	15935	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90496	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	78909	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	47435	29.805	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.367%	
60) 4-Bromofluorobenzene	11.079	95	45311	33.476	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	111.600%	
63) Toluene-d8	8.647	98	114779	32.914	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	109.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	22235	20.573	ug/l	92
3) Chloromethane	1.295	50	21335	19.266	ug/l	97
4) Vinyl Chloride	1.374	62	23253	19.430	ug/l	98
5) Bromomethane	1.605	94	16612	22.727	ug/l	98
6) Chloroethane	1.685	64	13336	18.967	ug/l	99
7) Trichlorofluoromethane	1.886	101	35671	19.577	ug/l	98
8) Diethyl Ether	2.130	74	11631	18.800	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	20458	20.497	ug/l	96
10) 1,1-Dichloroethene	2.319	96	19056	20.054	ug/l	98
11) Methyl Iodide	2.453	142	21542	18.744	ug/l	91
12) Methyl Acetate	2.703	43	29560	18.885	ug/l	99
13) Acrolein	2.233	56	27329	92.611	ug/l	97
14) Acrylonitrile	3.063	53	58320	94.619	ug/l	97
15) Acetone	2.380	58	16881	95.815	ug/l	85
16) Carbon Disulfide	2.508	76	51897	19.872	ug/l	97
17) Allyl chloride	2.660	41	33754	19.248	ug/l	91
18) Methylene Chloride	2.788	84	21876	20.164	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	20226	19.496	ug/l	99
20) Diisopropyl ether	3.764	45	67136	19.143	ug/l	92
21) 1,1-Dichloroethane	3.605	63	39470	19.558	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	23390	19.415	ug/l	95
23) tert-Butyl Alcohol	2.959	59	28000	96.147	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	67751	19.319	ug/l	92
25) Chloroform	5.093	83	41608	18.837	ug/l	94
26) Cyclohexane	5.465	56	31984	19.638	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	30773	19.645	ug/l	98
30) 2-Butanone	4.550	43	90519	94.699	ug/l	99
31) 2,2-Dichloropropane	4.465	77	33135	19.599	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	37796	19.149	ug/l	98
33) Carbon Tetrachloride	5.672	117	32539	19.594	ug/l	91
34) Benzene	6.038	78	82776	19.575	ug/l	99
35) Methacrylonitrile	4.916	41	19604	19.978	ug/l	90
36) 1,2-Dichloroethane	6.086	62	37286	19.071	ug/l	96
37) Trichloroethene	7.123	130	21516	18.934	ug/l	97
38) Methylcyclohexane	7.379	83	35083	20.800	ug/l	97
39) 1,2-Dichloropropane	7.428	63	21011	19.515	ug/l	97
40) Dibromomethane	7.574	93	17411	20.585	ug/l	97
41) Bromodichloromethane	7.818	83	32365	19.234	ug/l #	96
42) Vinyl Acetate	3.721	43	314826	95.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	33085	18.378	ug/l	98
44) Isopropyl Acetate	6.336	43	53787	18.718	ug/l	96
45) 1,4-Dioxane	7.653	88	11357	384.487	ug/l	94
46) Methyl methacrylate	7.690	41	27781	19.465	ug/l	93
47) n-amyl Acetate	10.842	43	48300	19.503	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	34377	19.329	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	35314	19.492	ug/l #	88
50) 1,1,2-Trichloroethane	9.153	97	20887	18.591	ug/l	94
51) Ethyl methacrylate	9.116	69	31285	17.687	ug/l	96
52) 1,3-Dichloropropane	9.305	76	35619	18.580	ug/l	99
53) Dibromochloromethane	9.519	129	22337	17.440	ug/l	99
54) 1,2-Dibromoethane	9.610	107	23253	18.704	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	82808	91.931	ug/l	100
56) Bromoform	10.799	173	15969	17.579	ug/l #	96
58) 4-Methyl-2-Pentanone	8.568	43	183773	104.589	ug/l	99
59) 2-Hexanone	9.427	43	132432	93.309	ug/l	97
61) Tetrachloroethene	9.275	164	18500	19.753	ug/l	97
62) Toluene	8.714	91	93048	21.410	ug/l	99
64) Chlorobenzene	10.080	112	53280	20.058	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	18614	18.372	ug/l	99
66) Ethyl Benzene	10.195	91	98211	19.599	ug/l	99
67) m/p-Xylenes	10.299	106	72442	39.149	ug/l	95
68) o-Xylene	10.640	106	35885	20.145	ug/l	97
69) Styrene	10.653	104	58440	19.527	ug/l	98
70) Isopropylbenzene	10.964	105	106949	22.220	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	35930	21.293	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	31989m	21.069	ug/l	
73) Bromobenzene	11.195	156	24912	21.863	ug/l	93
74) n-propylbenzene	11.305	91	130362	21.929	ug/l	100
75) 2-Chlorotoluene	11.360	91	77421	21.946	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	90775	21.422	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9933	21.052	ug/l	81
78) 4-Chlorotoluene	11.451	91	91869	21.830	ug/l	98
79) tert-butylbenzene	11.713	119	85765	21.685	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	92102	22.060	ug/l	95
81) sec-Butylbenzene	11.890	105	113287	21.695	ug/l	98
82) p-Isopropyltoluene	12.006	119	93564	21.890	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	48226	21.751	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	49008	21.615	ug/l	99
85) n-Butylbenzene	12.335	91	90090	21.661	ug/l	98
86) Hexachloroethane	12.536	117	15217	20.403	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	46623	21.639	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9505	21.066	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	31312	21.584	ug/l	99
90) Hexachlorobutadiene	13.725	225	13277	22.634	ug/l	97
91) Naphthalene	13.774	128	98923	20.905	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	31284	21.870	ug/l	99

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

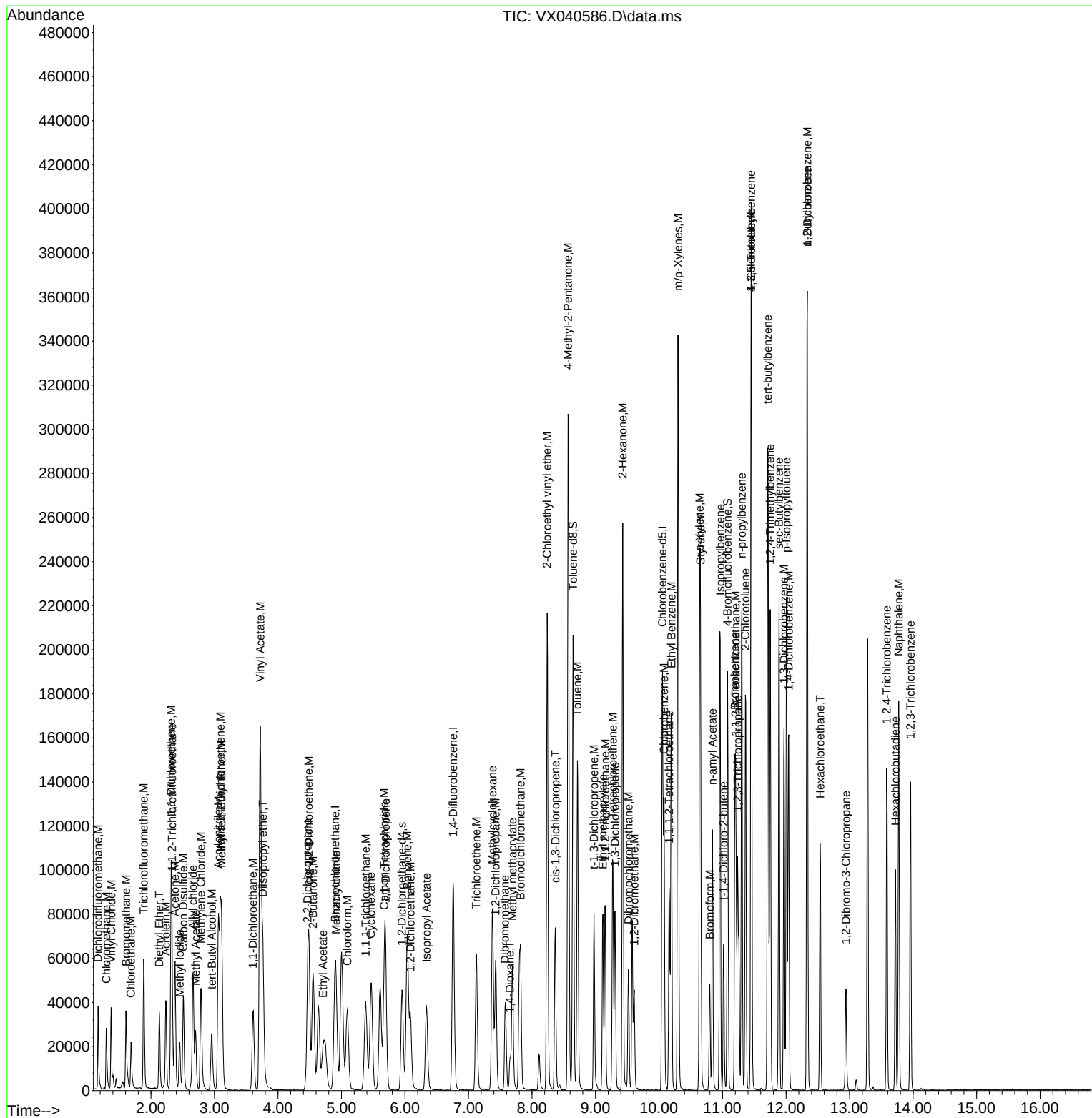
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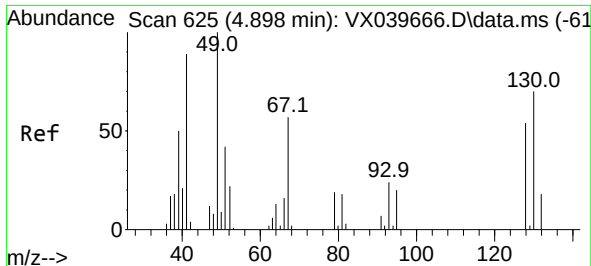
Instrument :
MSVOA_X
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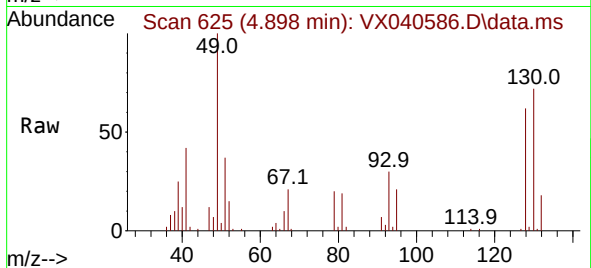
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

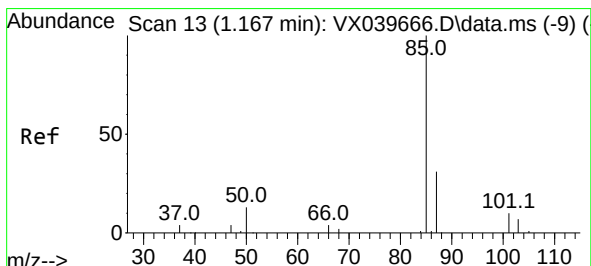
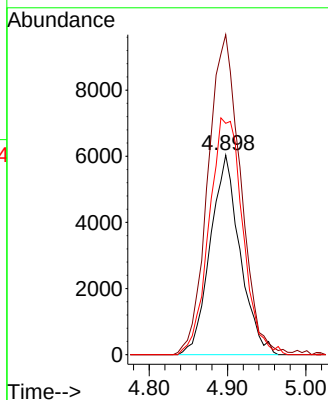
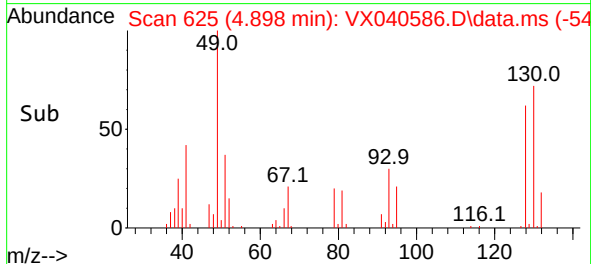
Instrument :
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ClientSampleId :
VX0305WBS01



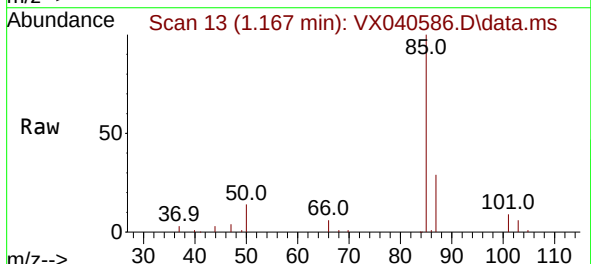
Tgt Ion:128 Resp: 1593
Ion Ratio Lower Upper
128 100
49 176.1 0.0 444.0
130 133.6 0.0 297.8

Manual Integrations
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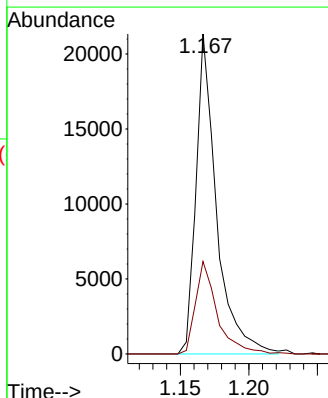
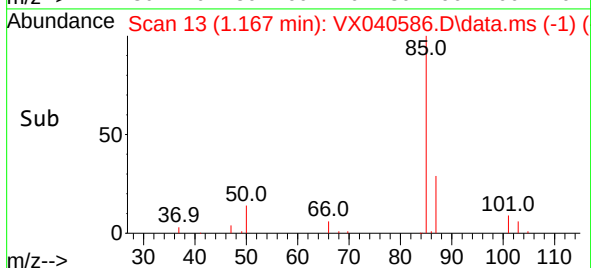
Reviewed By :John Carlone 03/06/2024
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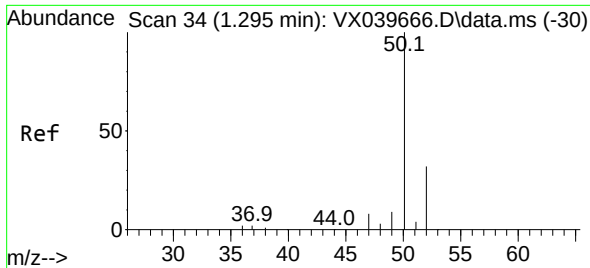


#2
Dichlorodifluoromethane
Concen: 20.573 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03



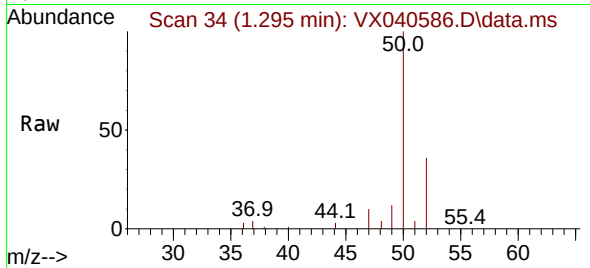
Tgt Ion: 85 Resp: 22235
Ion Ratio Lower Upper
85 100
87 28.9 16.7 50.1





#3
Chloromethane
Concen: 19.266 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

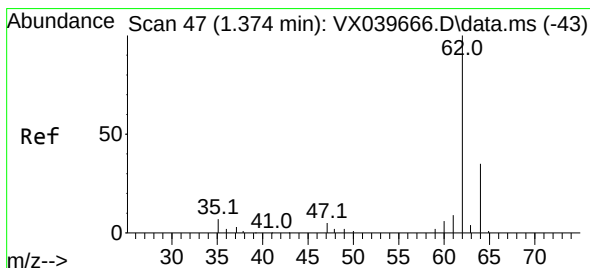
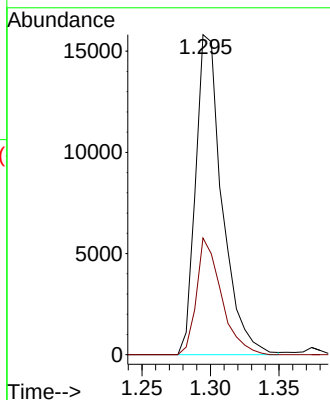
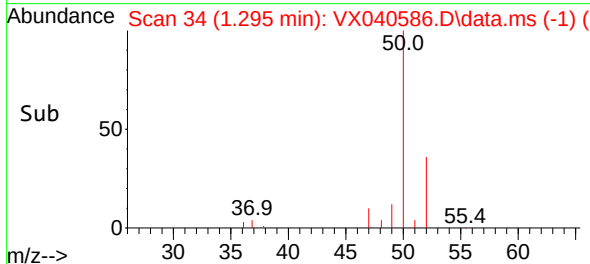
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ClientSampleId :
VX0305WBS01



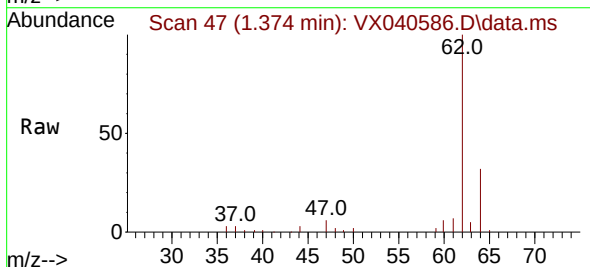
Tgt Ion: 50 Resp: 2133
Ion Ratio Lower Upper
50 100
52 36.5 27.8 41.8

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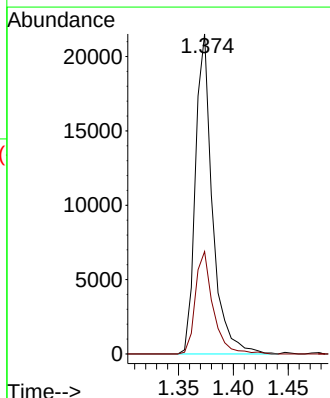
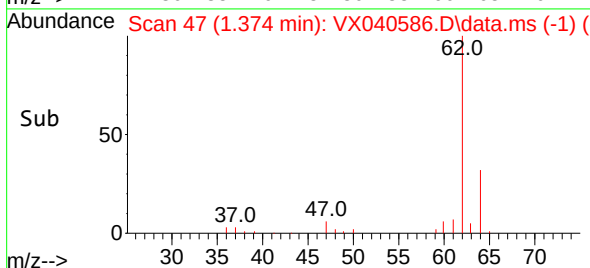
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

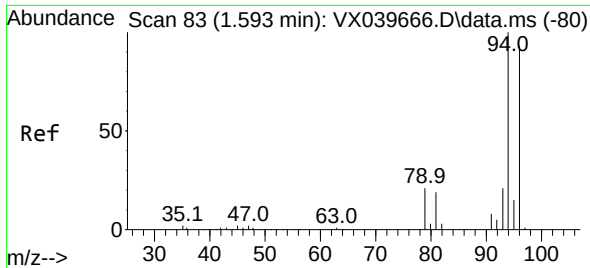


#4
Vinyl Chloride
Concen: 19.430 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03



Tgt Ion: 62 Resp: 23253
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5





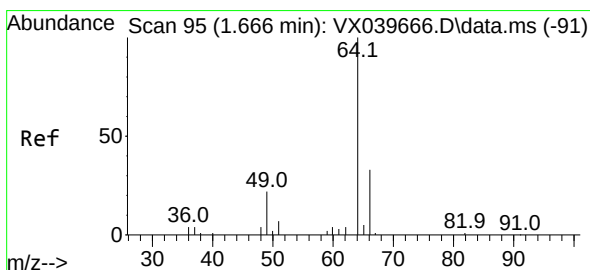
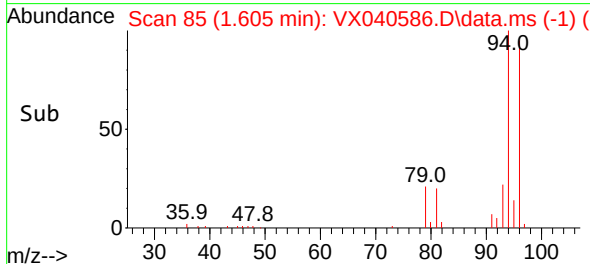
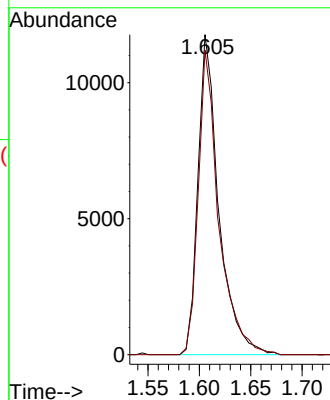
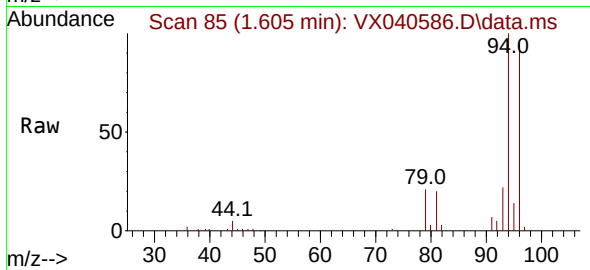
#5
Bromomethane
Concen: 22.727 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1661
Ion Ratio Lower Upper
94 100
96 95.1 74.9 112.3

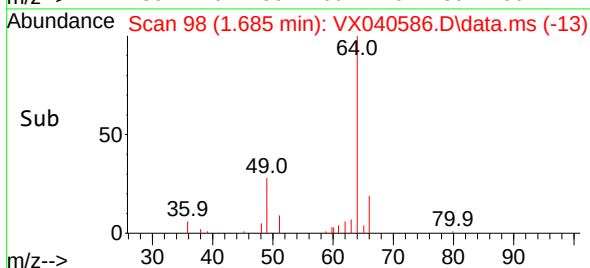
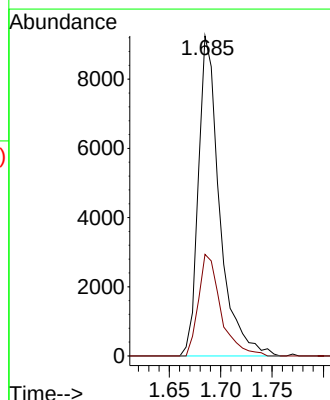
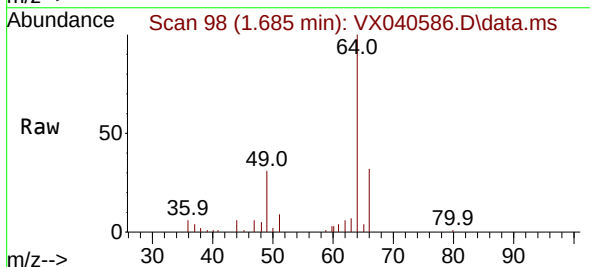
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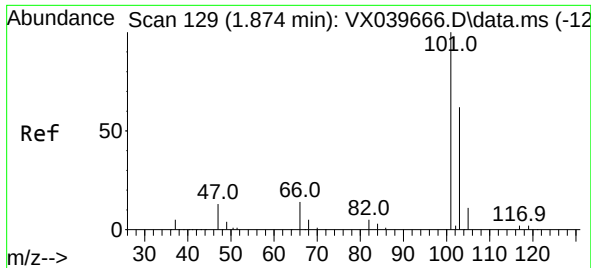
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#6
Chloroethane
Concen: 18.967 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.019 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

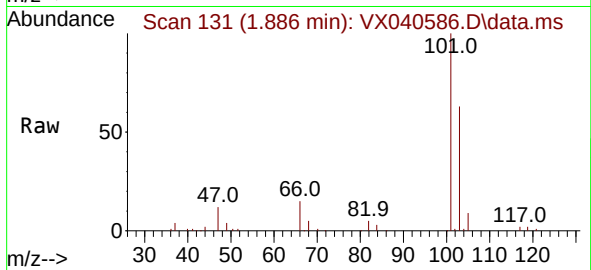
Tgt Ion: 64 Resp: 13336
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 19.577 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040586.D
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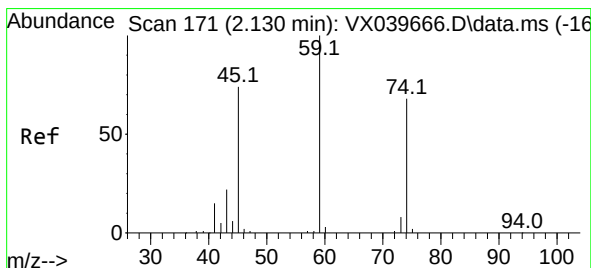
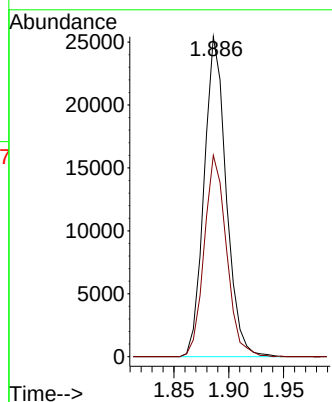
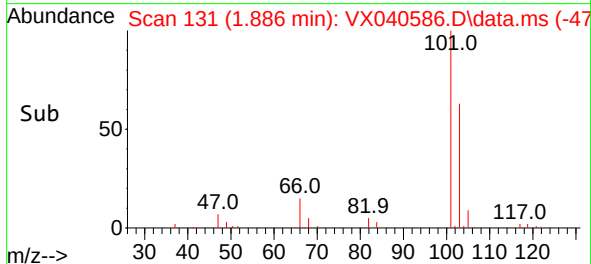
Instrument :
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 ClientSampleId :
 VX0305WBS01



Tgt Ion:101 Resp: 3567
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.1 73.7

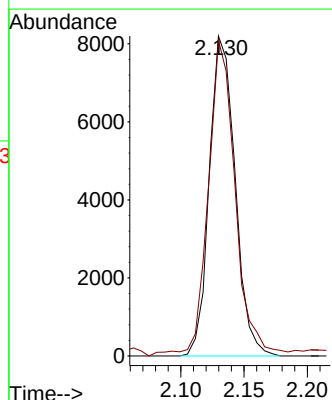
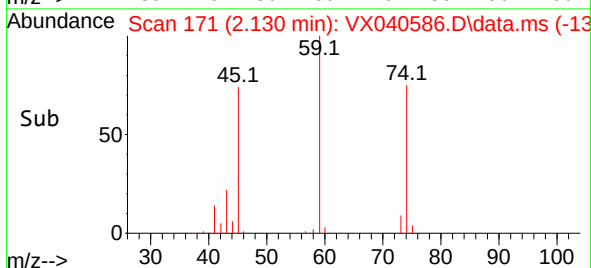
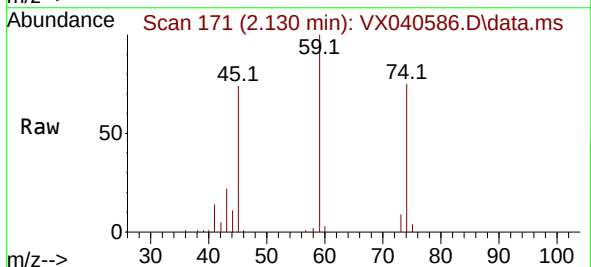
Manual Integrations
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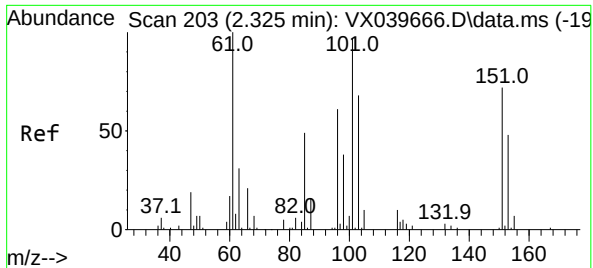
Reviewed By :John Carlone 03/06/2024
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#8
 Diethyl Ether
 Concen: 18.800 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03

Tgt Ion: 74 Resp: 11631
 Ion Ratio Lower Upper
 74 100
 45 98.9 20.5 184.5





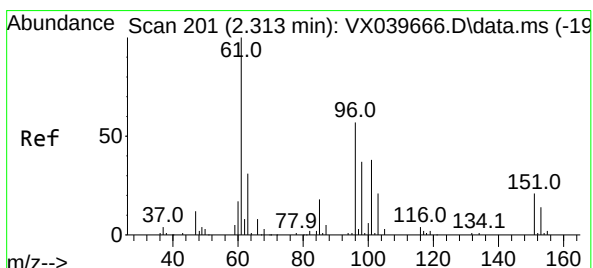
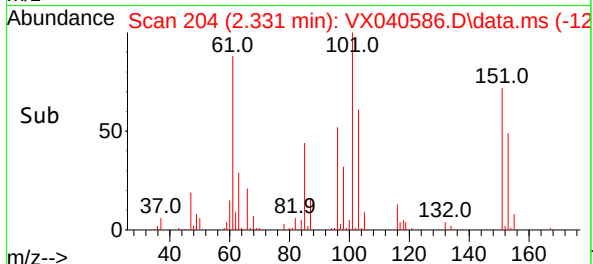
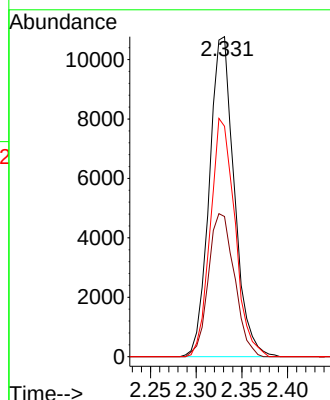
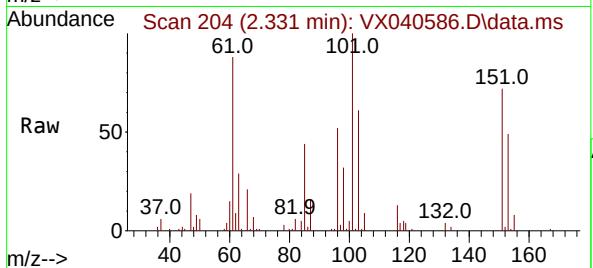
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.497 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 20458
Ion Ratio Lower Upper
101 100
85 46.6 0.0 95.2
151 73.5 0.0 136.8

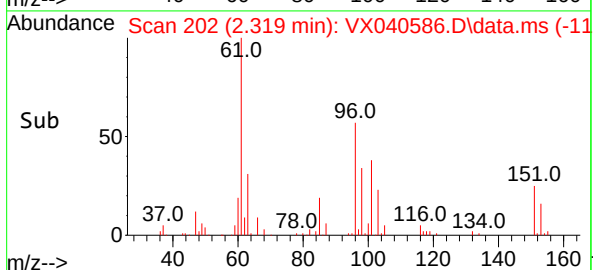
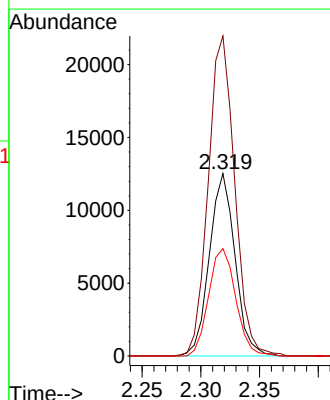
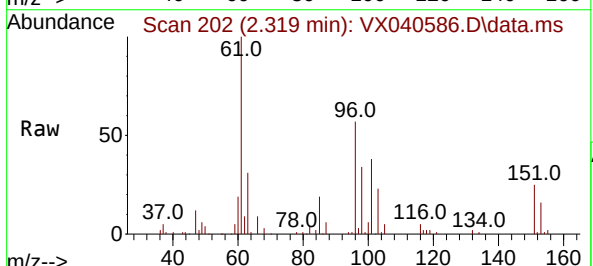
Manual Integrations
APPROVED

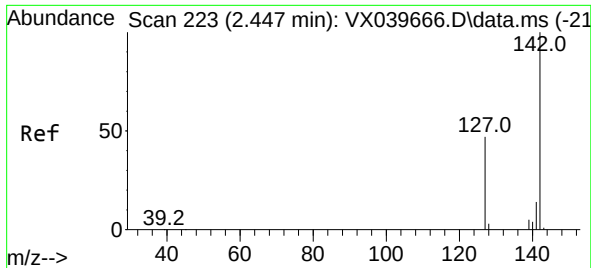
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
1,1-Dichloroethene
Concen: 20.054 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

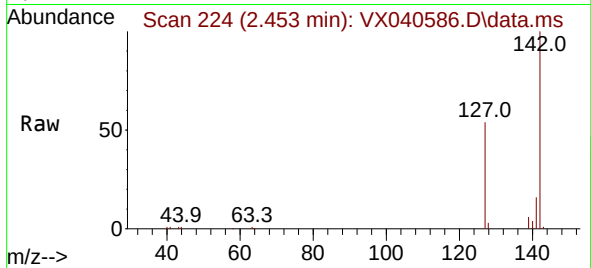
Tgt Ion: 96 Resp: 19056
Ion Ratio Lower Upper
96 100
61 174.8 138.3 207.5
98 58.9 49.8 74.6





#11
Methyl Iodide
Concen: 18.744 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

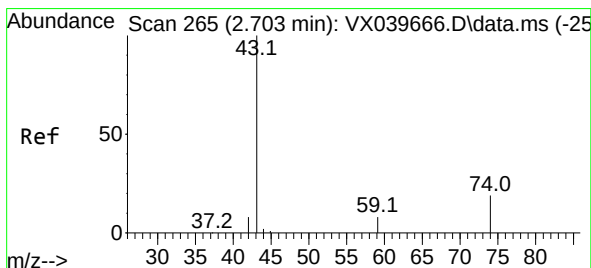
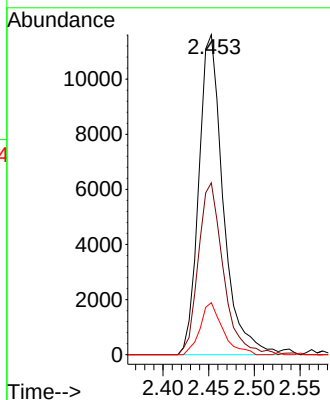
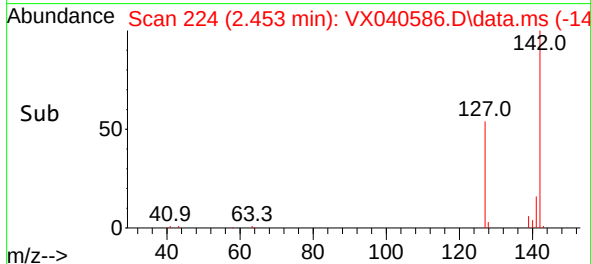
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion:142 Resp: 2154
Ion Ratio Lower Upper
142 100
127 53.9 23.8 71.4
141 16.0 6.9 20.6

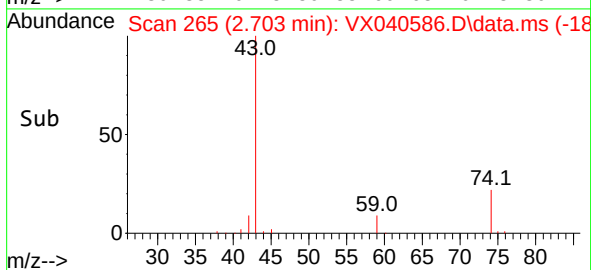
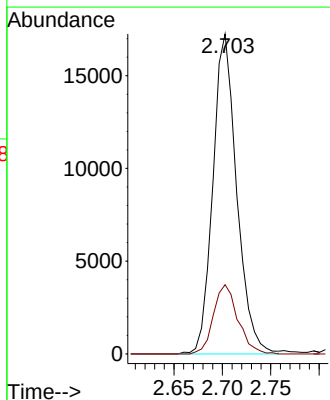
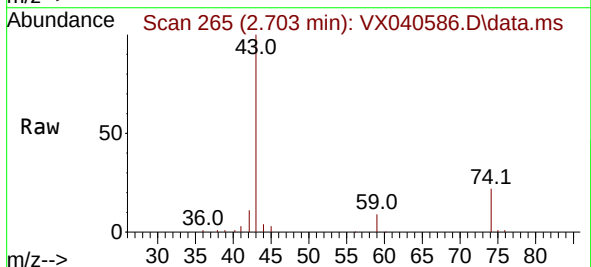
Manual Integrations
APPROVED

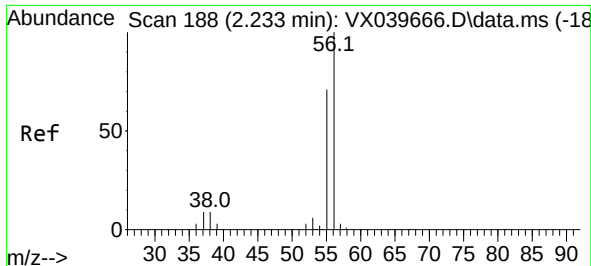
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#12
Methyl Acetate
Concen: 18.885 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

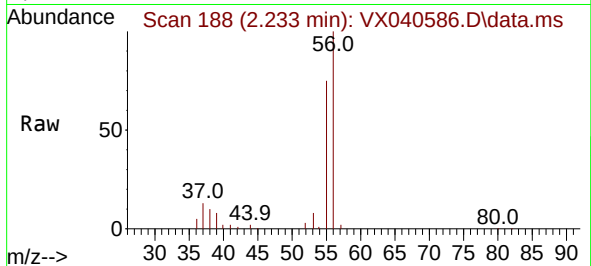
Tgt Ion: 43 Resp: 29560
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





#13
Acrolein
Concen: 92.611 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

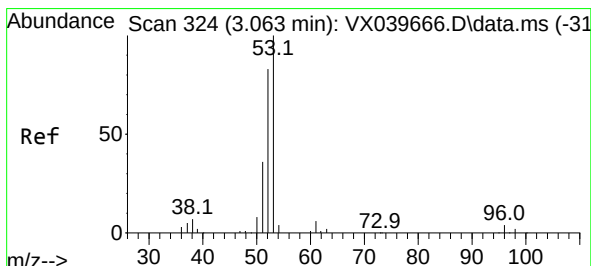
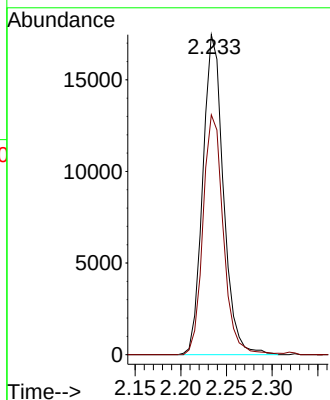
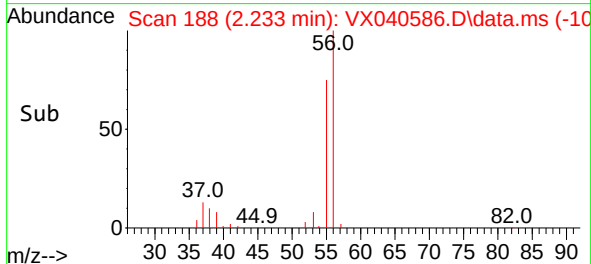
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



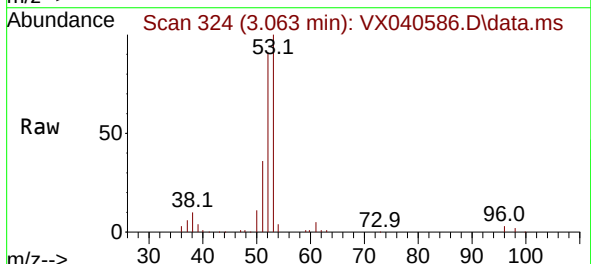
Tgt Ion: 56 Resp: 27329
Ion Ratio Lower Upper
56 100
55 74.1 57.2 85.8

Manual Integrations
APPROVED

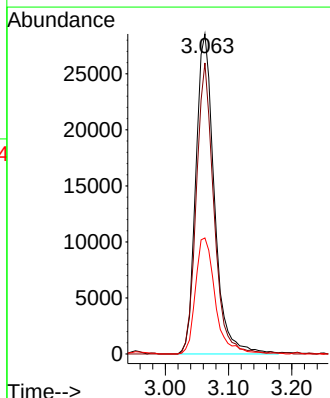
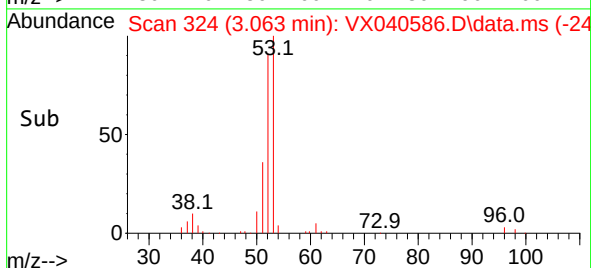
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

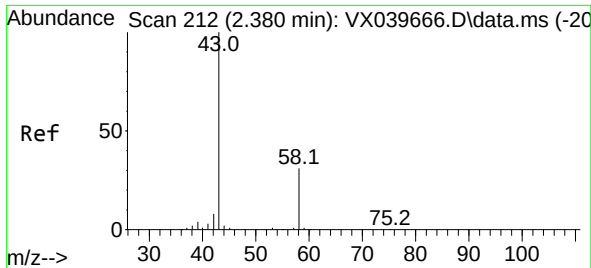


#14
Acrylonitrile
Concen: 94.619 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03



Tgt Ion: 53 Resp: 58320
Ion Ratio Lower Upper
53 100
52 86.1 41.9 125.6
51 38.7 18.3 54.9





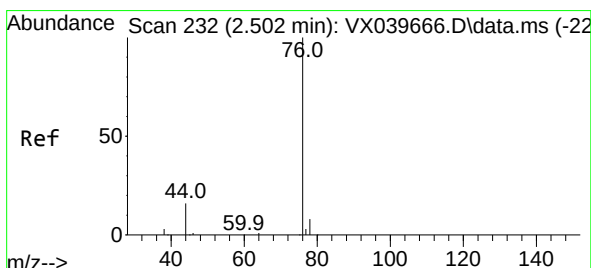
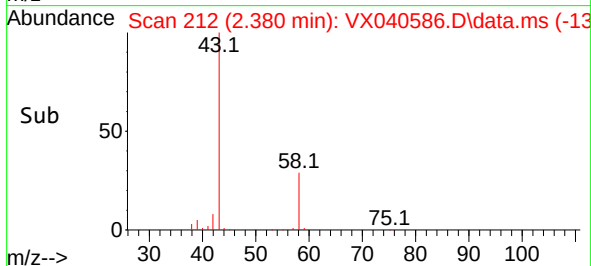
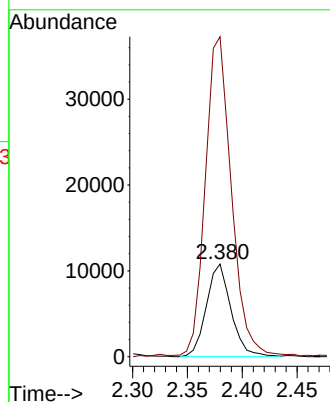
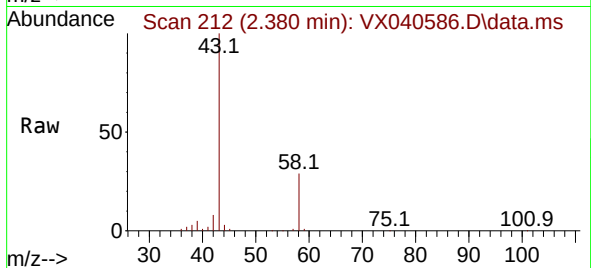
#15
Acetone
Concen: 95.815 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument : MSVOA_X
ClientSampleId : VX0305WBS01

Tgt Ion: 58 Resp: 1688
Ion Ratio Lower Upper
58 100
43 343.4 249.9 374.9

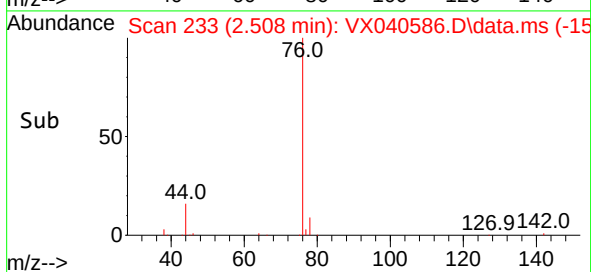
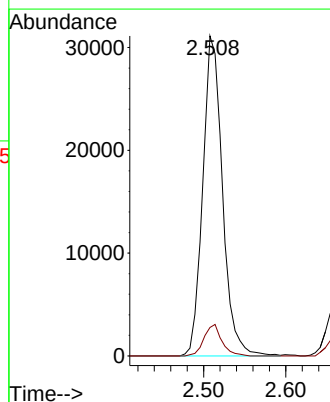
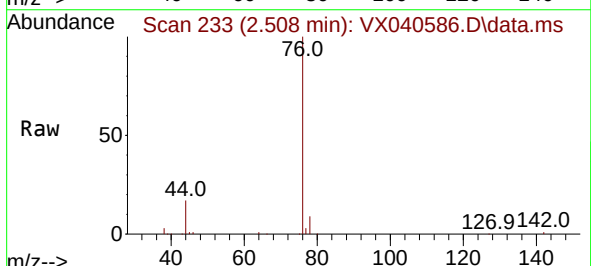
Manual Integrations
APPROVED

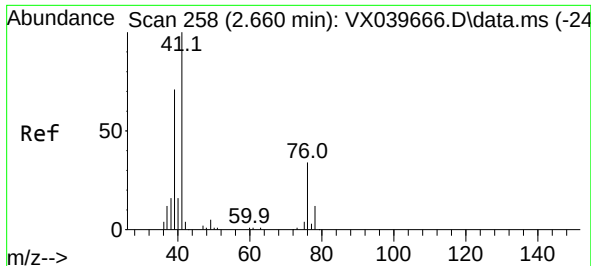
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#16
Carbon Disulfide
Concen: 19.872 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

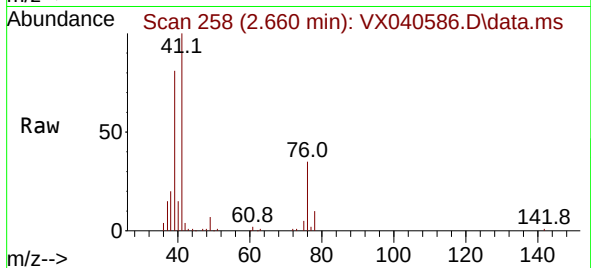
Tgt Ion: 76 Resp: 51897
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0





#17
 Allyl chloride
 Concen: 19.248 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03

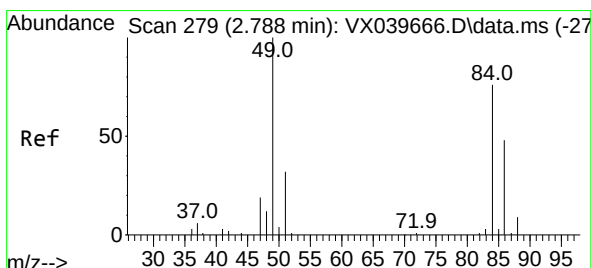
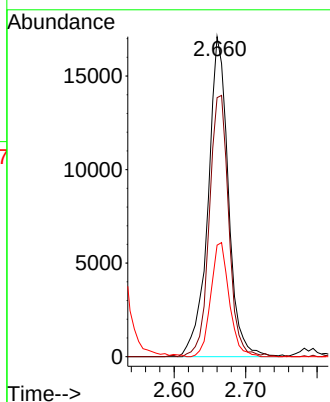
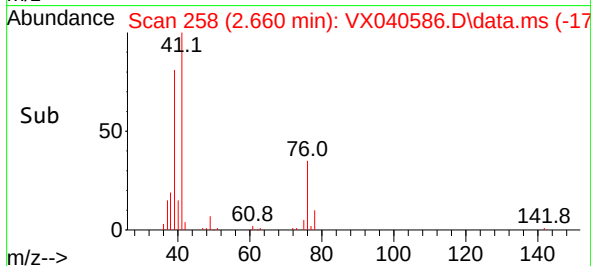
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01



Tgt Ion: 41 Resp: 33754
 Ion Ratio Lower Upper
 41 100
 39 80.9 36.5 109.5
 76 34.9 19.7 59.0

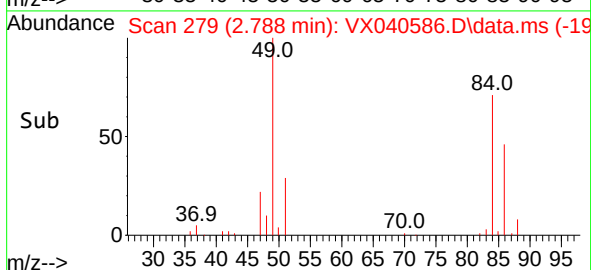
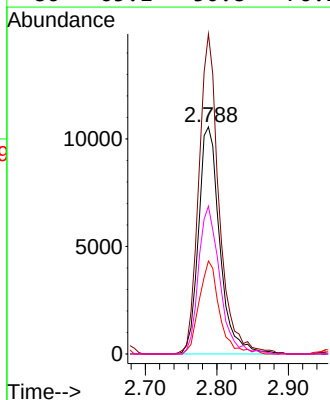
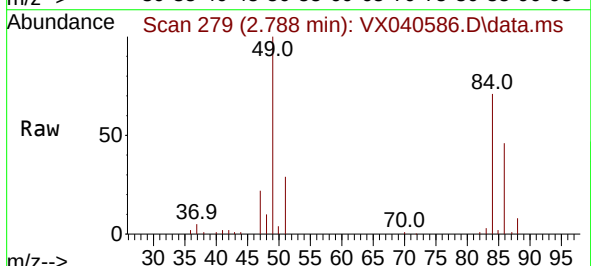
Manual Integrations
 APPROVED

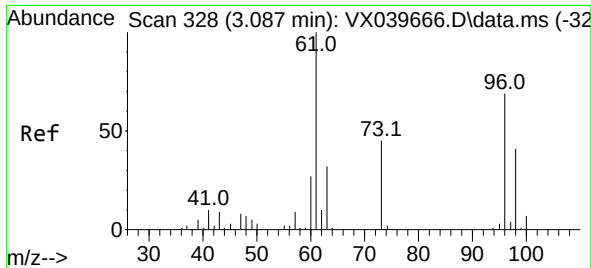
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#18
 Methylene Chloride
 Concen: 20.164 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03

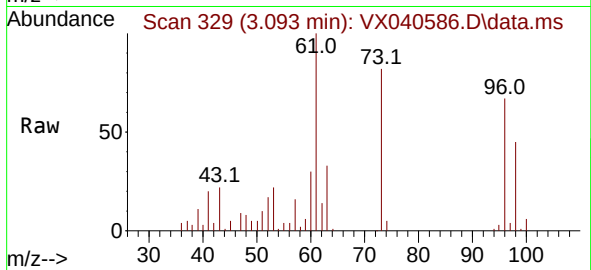
Tgt Ion: 84 Resp: 21876
 Ion Ratio Lower Upper
 84 100
 49 140.9 103.8 155.8
 51 41.0 31.8 47.6
 86 65.1 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 19.496 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

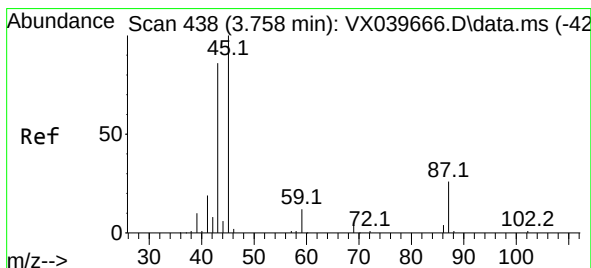
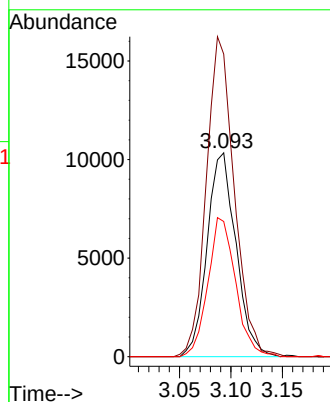
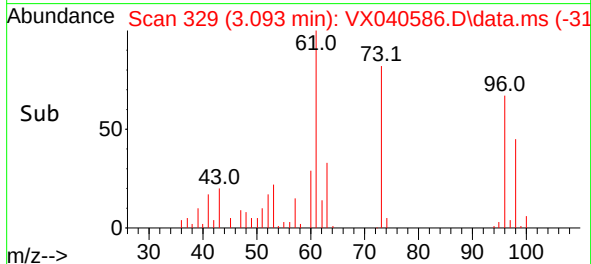
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 96 Resp: 20220
Ion Ratio Lower Upper
96 100
61 147.3 117.9 176.9
98 66.3 51.0 76.6

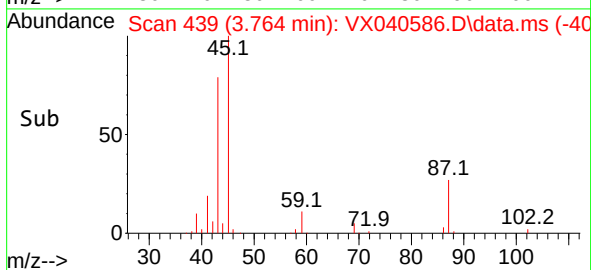
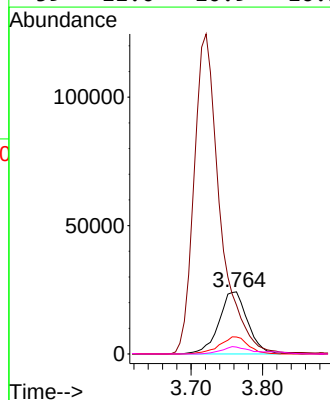
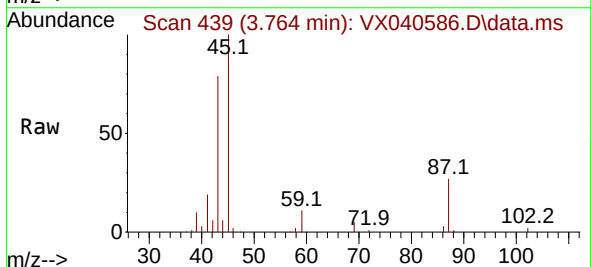
Manual Integrations
APPROVED

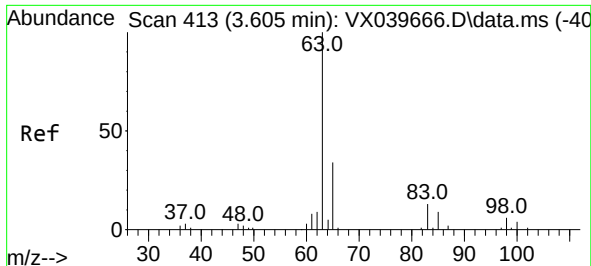
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Diisopropyl ether
Concen: 19.143 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 45 Resp: 67136
Ion Ratio Lower Upper
45 100
43 75.6 67.7 101.5
87 27.5 21.5 32.3
59 11.0 10.9 16.3





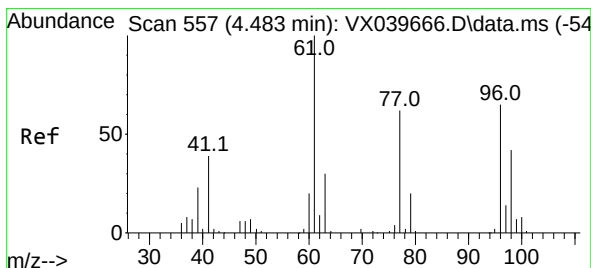
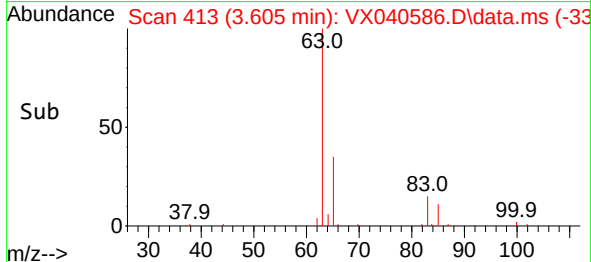
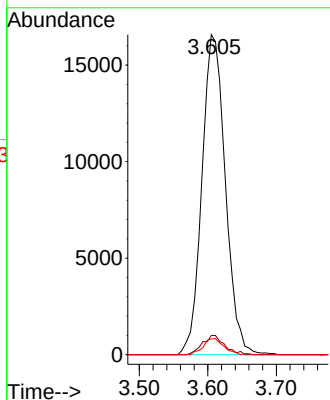
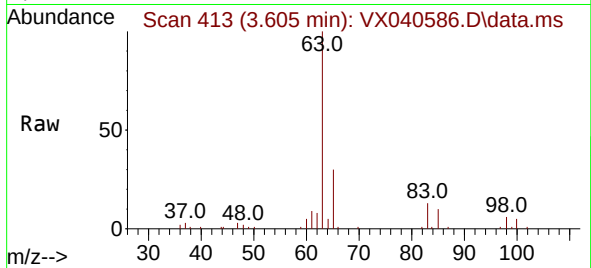
#21
1,1-Dichloroethane
Concen: 19.558 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 63 Resp: 39470
Ion Ratio Lower Upper
63 100
98 6.0 2.9 8.8
100 5.0 2.0 5.8

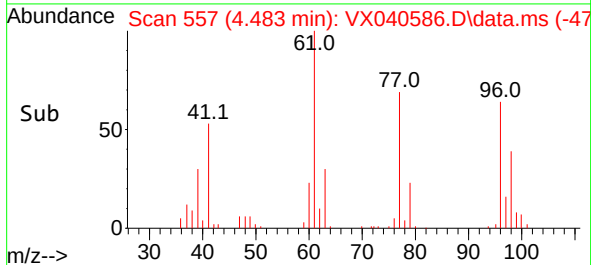
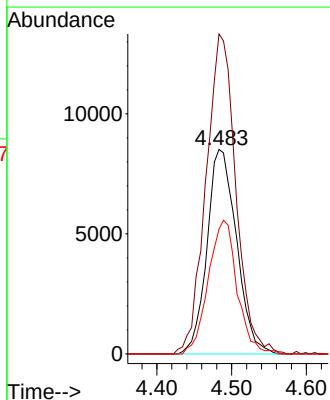
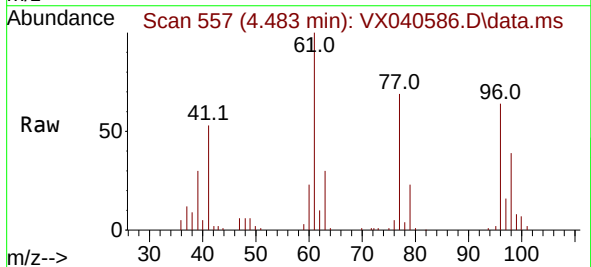
Manual Integrations
APPROVED

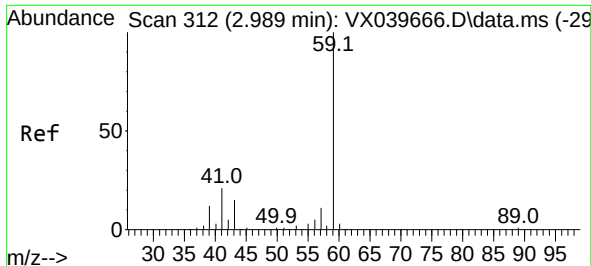
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
cis-1,2-Dichloroethene
Concen: 19.415 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

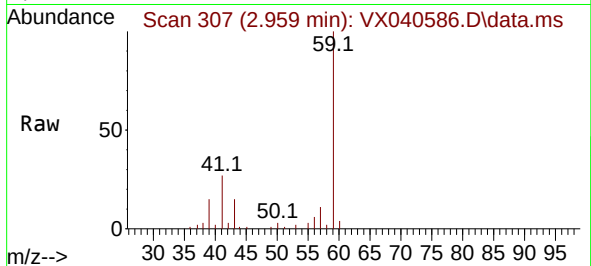
Tgt Ion: 96 Resp: 23390
Ion Ratio Lower Upper
96 100
61 158.0 119.8 179.6
98 63.2 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 96.147 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

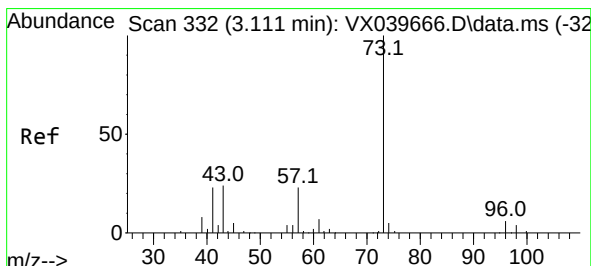
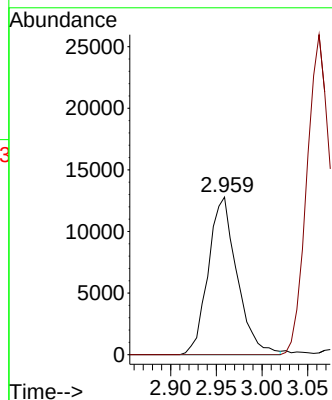
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 59 Resp: 28000
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

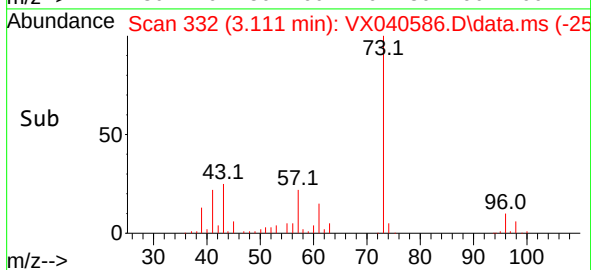
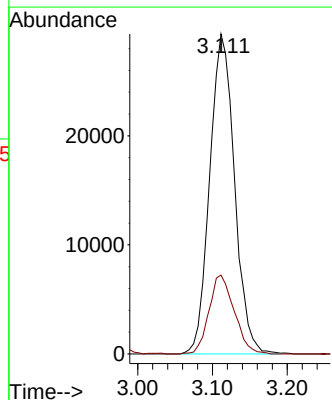
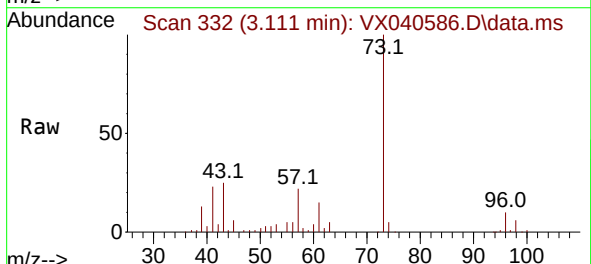
Manual Integrations
APPROVED

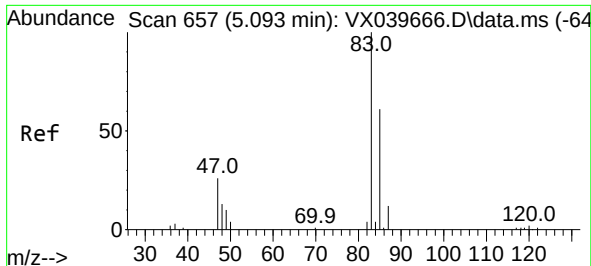
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#24
Methyl tert-Butyl Ether
Concen: 19.319 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 73 Resp: 67751
Ion Ratio Lower Upper
73 100
43 25.0 17.0 25.6





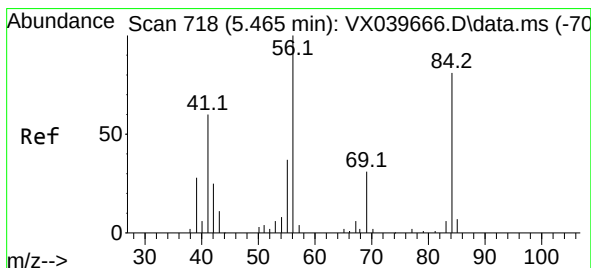
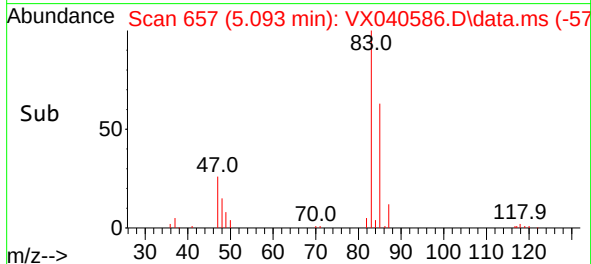
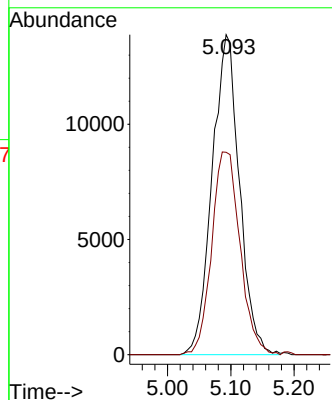
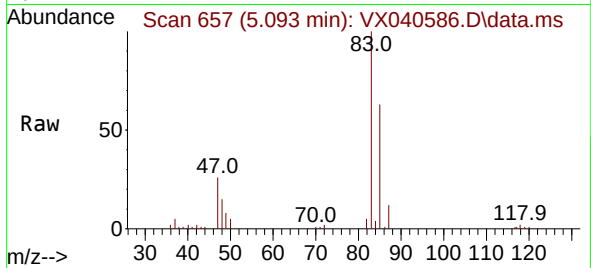
#25
Chloroform
Concen: 18.837 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 83 Resp: 41608
Ion Ratio Lower Upper
83 100
85 63.3 54.6 81.8

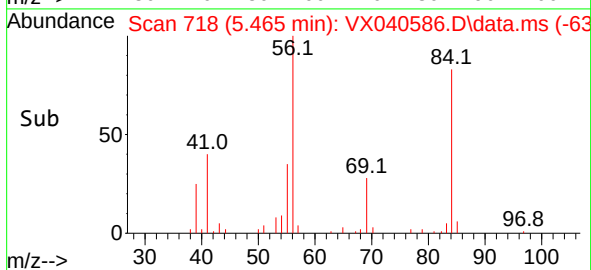
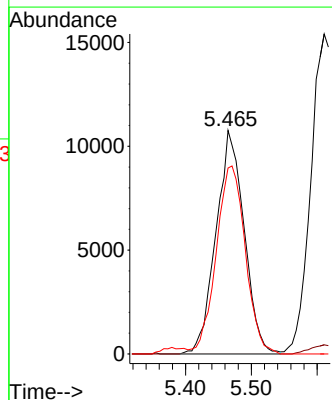
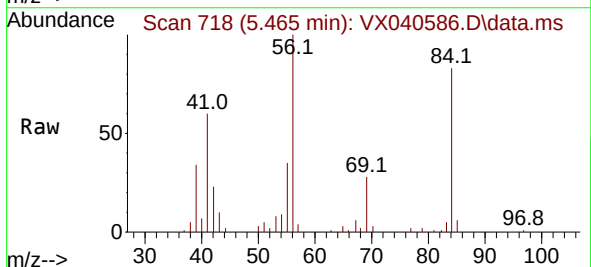
Manual Integrations
APPROVED

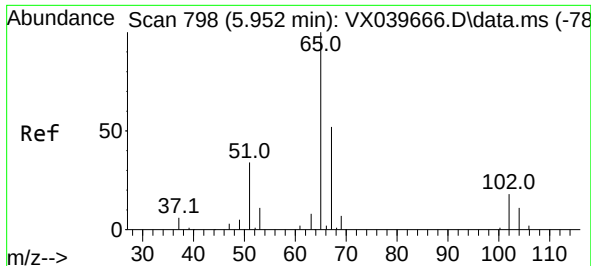
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
Cyclohexane
Concen: 19.638 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

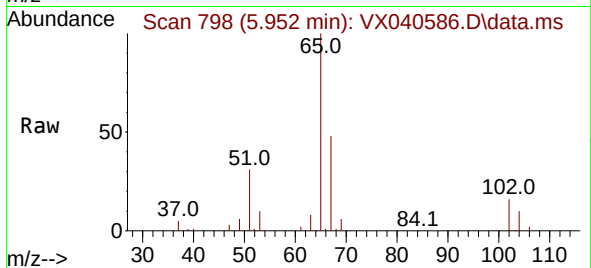
Tgt Ion: 56 Resp: 31984
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.3 67.2 100.8





#27
 1,2-Dichloroethane-d4
 Concen: 29.805 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03

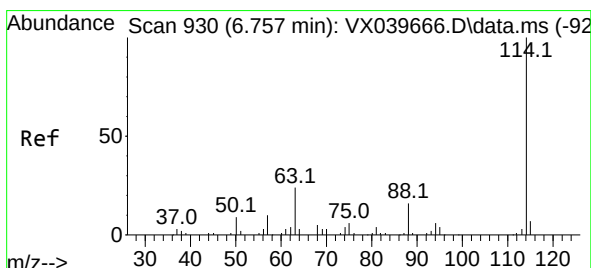
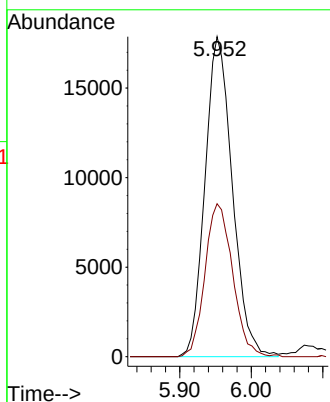
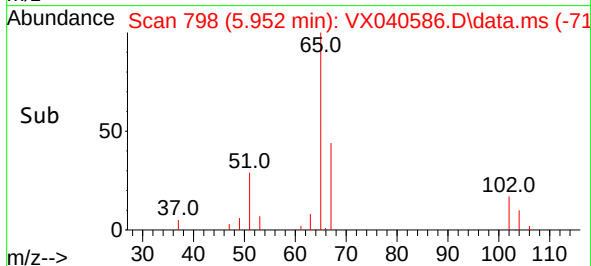
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01



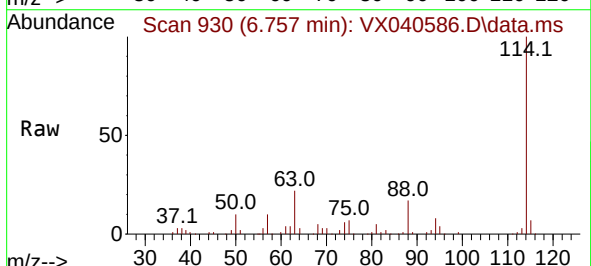
Tgt Ion: 65 Resp: 47435
 Ion Ratio Lower Upper
 65 100
 67 48.2 42.5 63.7

Manual Integrations
 APPROVED

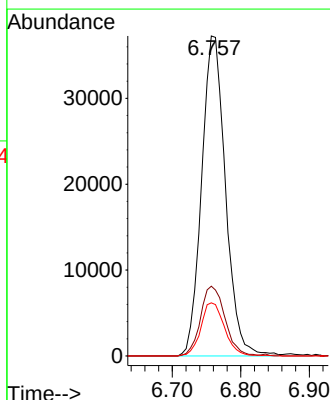
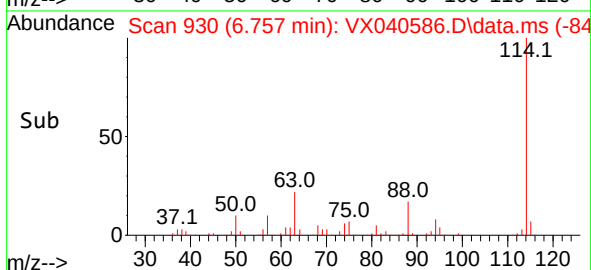
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

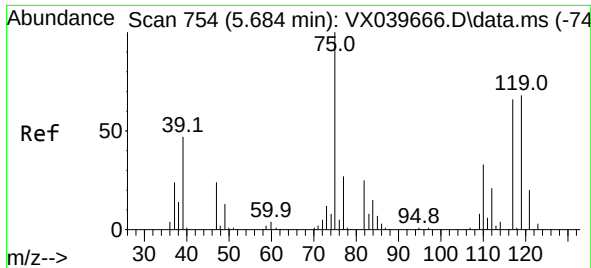


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03



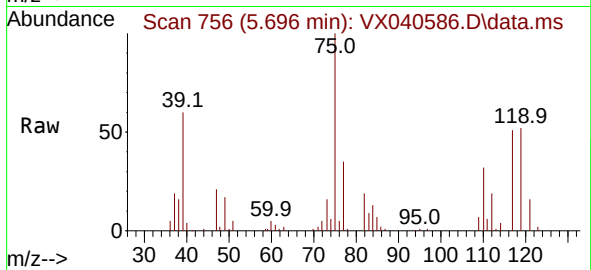
Tgt Ion:114 Resp: 90496
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.0 25.4
 88 16.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.645 ug/l
RT: 5.696 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

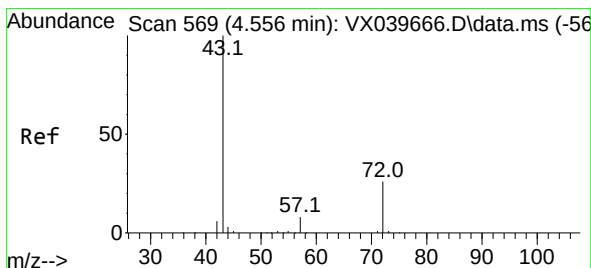
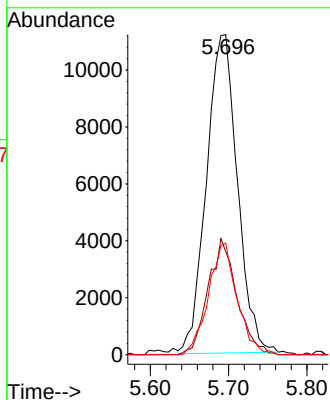
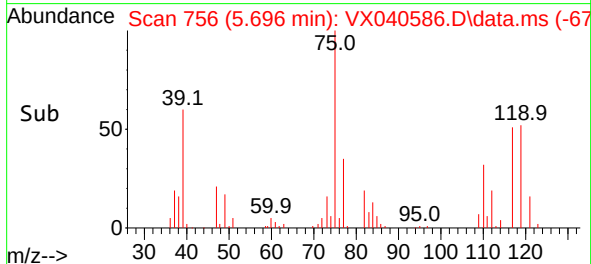
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 75 Resp: 3077
Ion Ratio Lower Upper
75 100
110 33.9 0.0 71.2
77 32.2 0.0 62.6

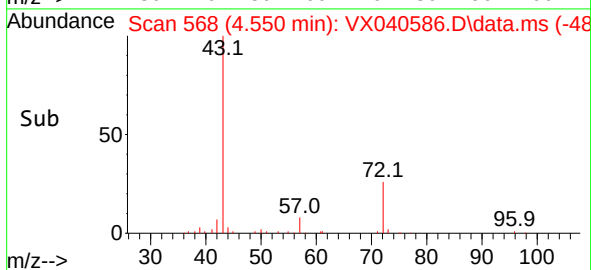
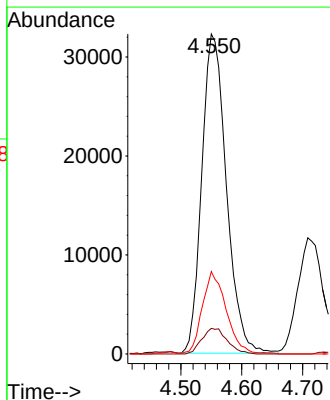
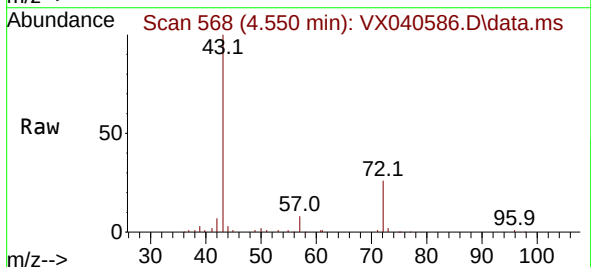
Manual Integrations
APPROVED

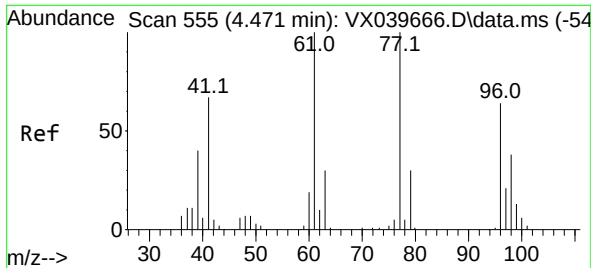
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#30
2-Butanone
Concen: 94.699 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 43 Resp: 90519
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 25.2 20.6 31.0





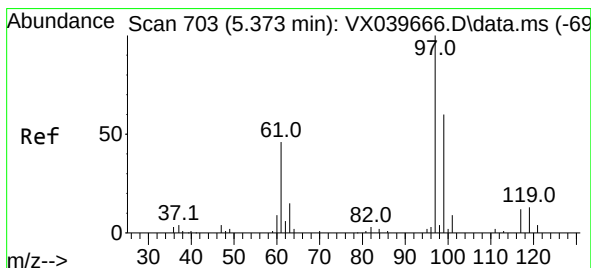
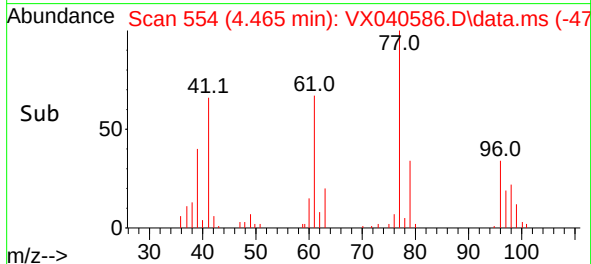
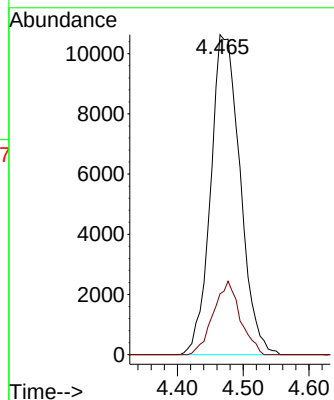
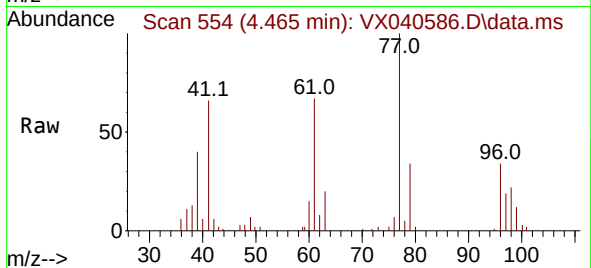
#31
2,2-Dichloropropane
Concen: 19.599 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 77 Resp: 3313
Ion Ratio Lower Upper
77 100
97 21.1 18.2 27.4

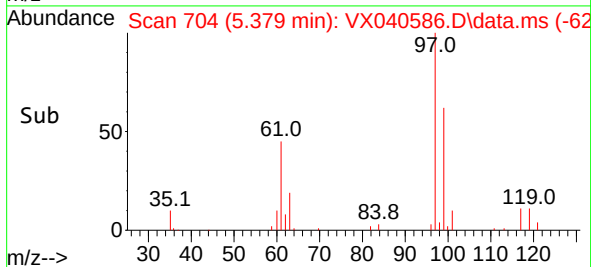
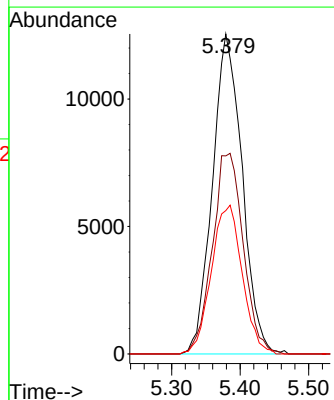
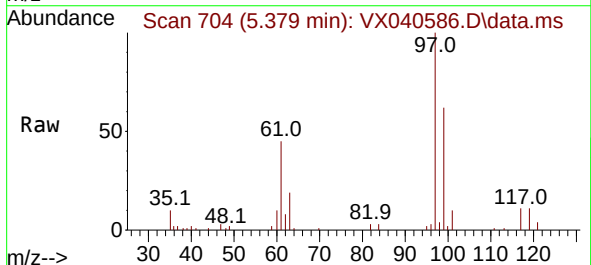
Manual Integrations
APPROVED

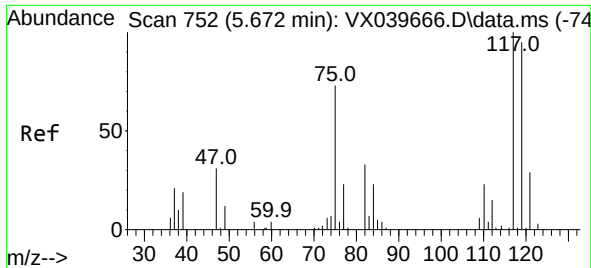
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#32
1,1,1-Trichloroethane
Concen: 19.149 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

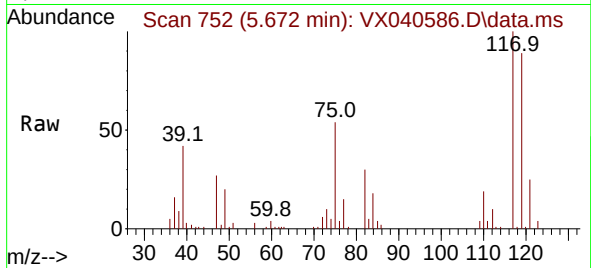
Tgt Ion: 97 Resp: 37796
Ion Ratio Lower Upper
97 100
99 65.4 52.6 79.0
61 48.5 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.594 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

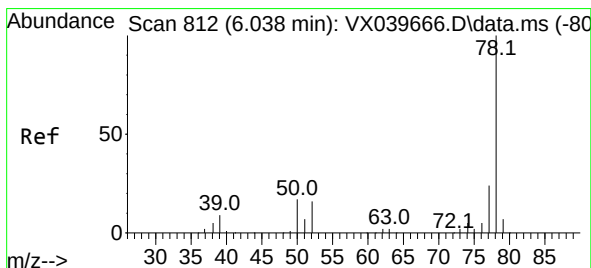
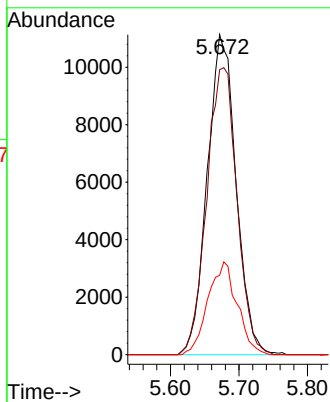
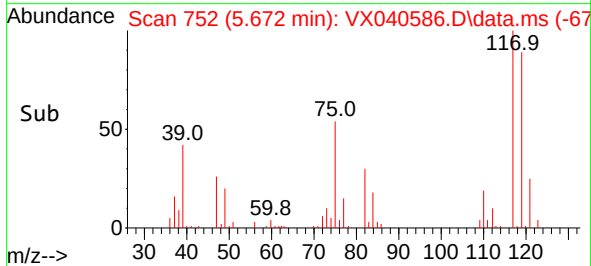
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion:117 Resp: 32539
Ion Ratio Lower Upper
117 100
119 89.1 78.2 117.4
121 24.8 24.7 37.1

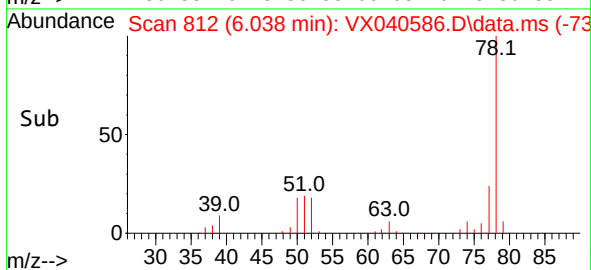
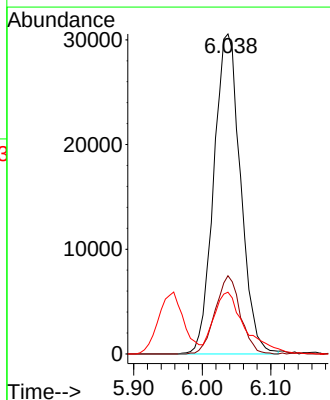
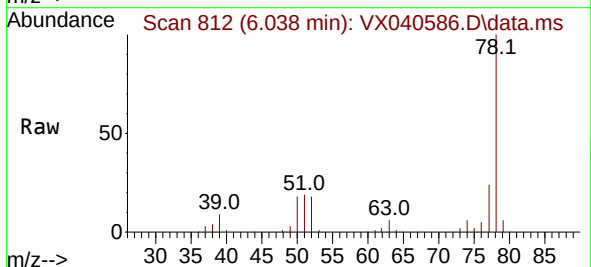
Manual Integrations
APPROVED

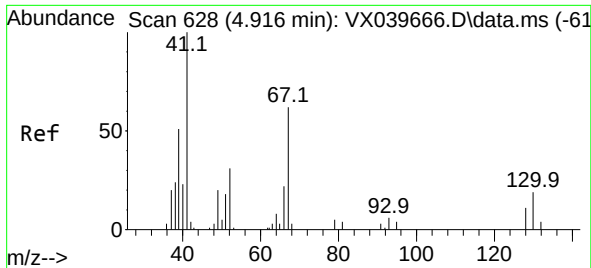
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#34
Benzene
Concen: 19.575 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

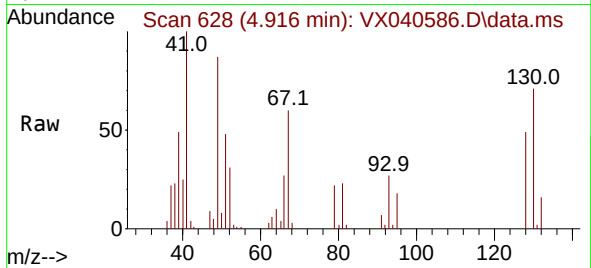
Tgt Ion: 78 Resp: 82776
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9
51 17.7 14.4 21.6





#35
Methacrylonitrile
Concen: 19.978 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

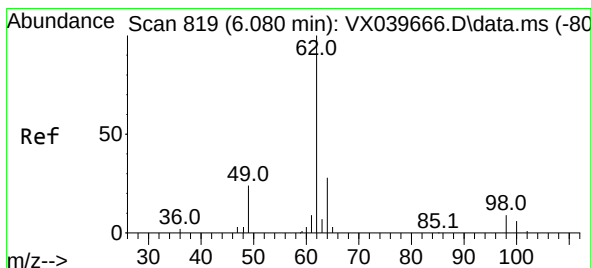
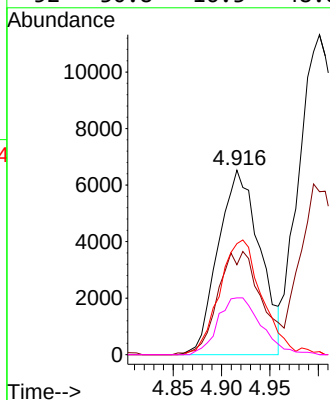
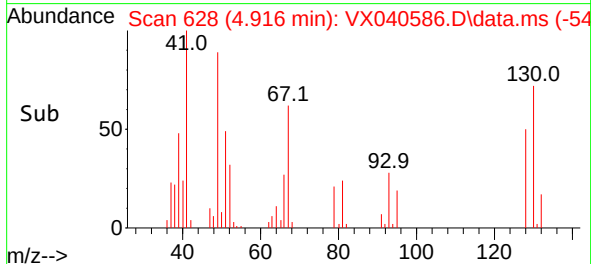
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 41	Resp: 19604
Ion Ratio	Lower Upper
41 100	
39 47.8	28.2 84.7
67 60.2	34.5 103.5
52 30.8	16.3 48.8

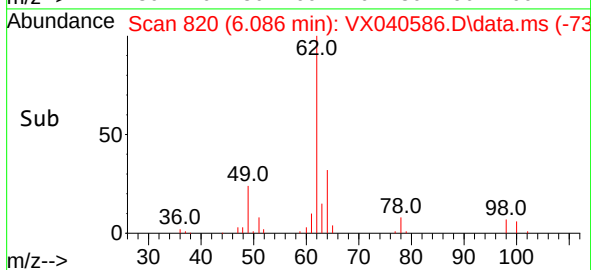
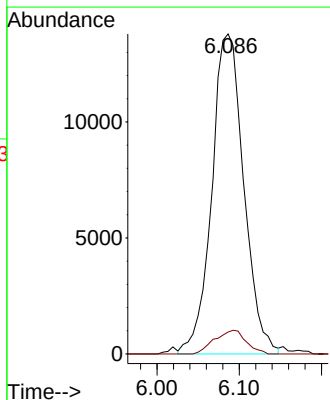
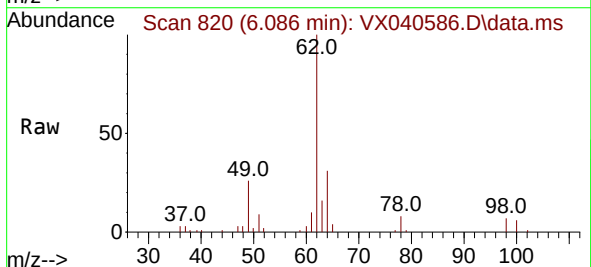
Manual Integrations
APPROVED

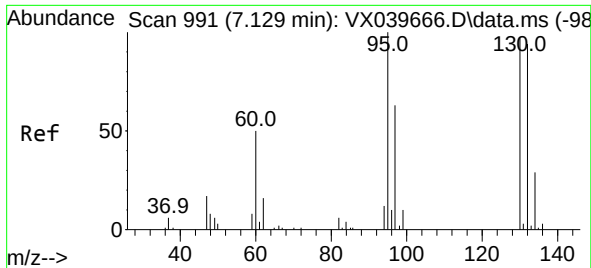
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#36
1,2-Dichloroethane
Concen: 19.071 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 62	Resp: 37286		
Ion Ratio	Lower	Upper	
62 100			
98 7.3	7.0	10.4	





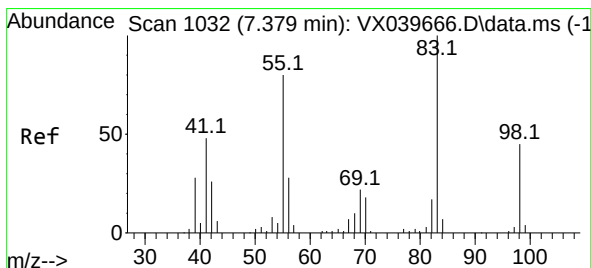
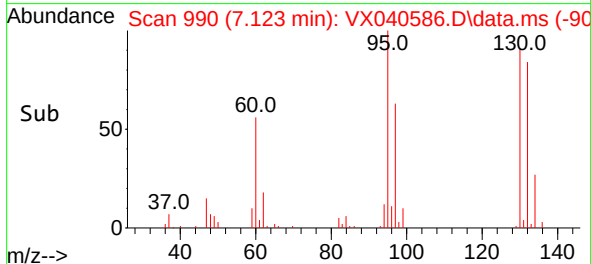
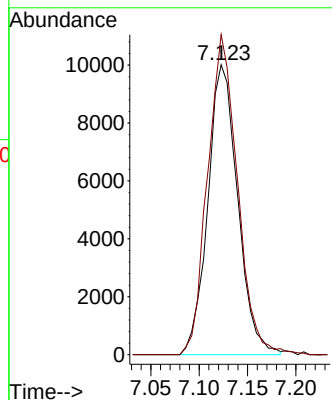
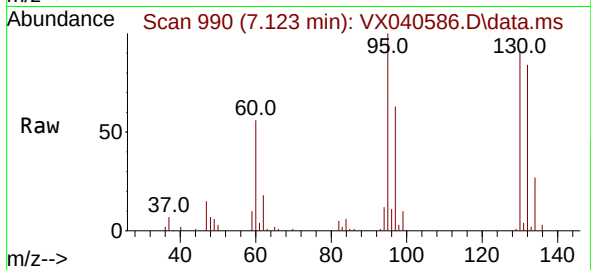
#37
Trichloroethene
Concen: 18.934 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion:130 Resp: 21510
Ion Ratio Lower Upper
130 100
95 110.4 85.8 128.8

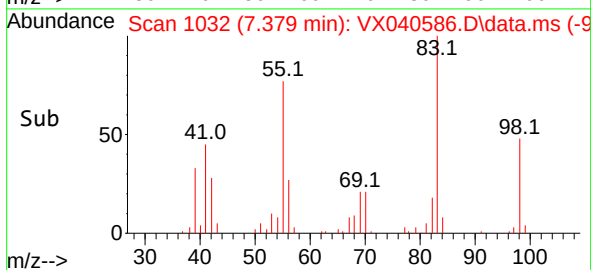
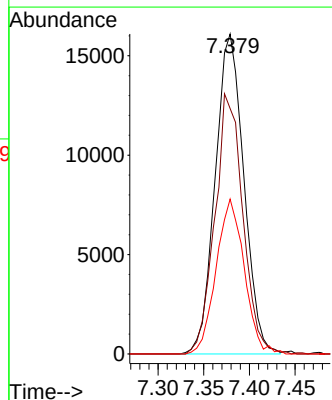
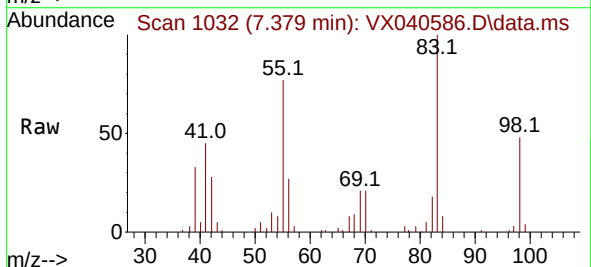
Manual Integrations
APPROVED

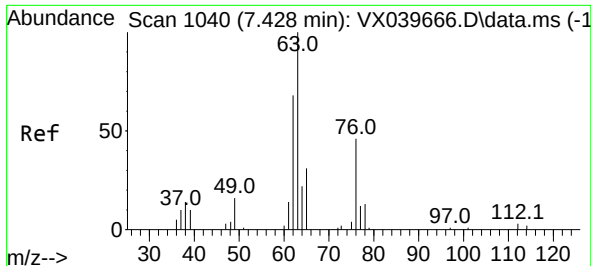
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#38
Methylcyclohexane
Concen: 20.800 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 83 Resp: 35083
Ion Ratio Lower Upper
83 100
55 79.4 38.6 116.0
98 47.6 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.515 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

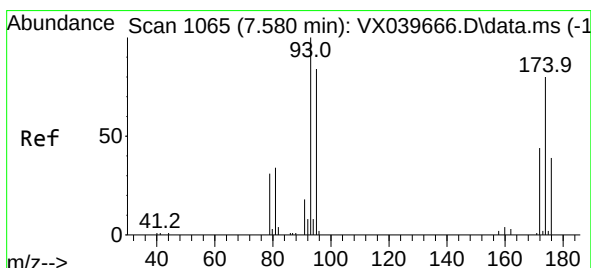
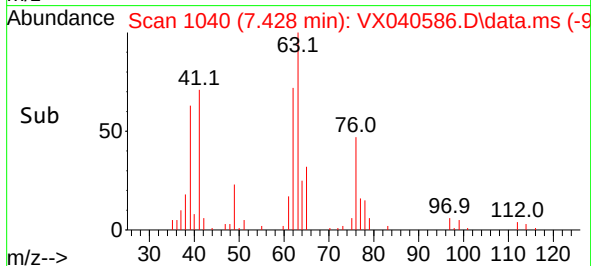
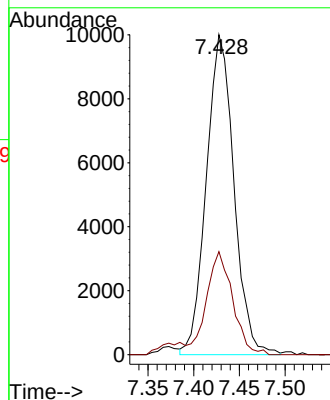
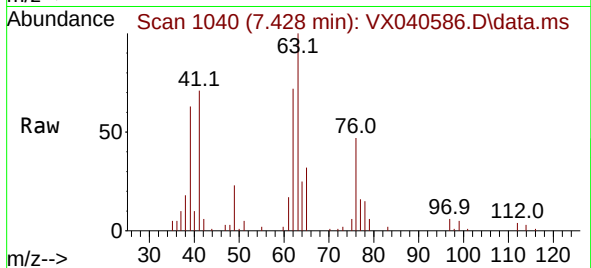
Tgt Ion: 63 Resp: 2101
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#40

Dibromomethane

Concen: 20.585 ug/l

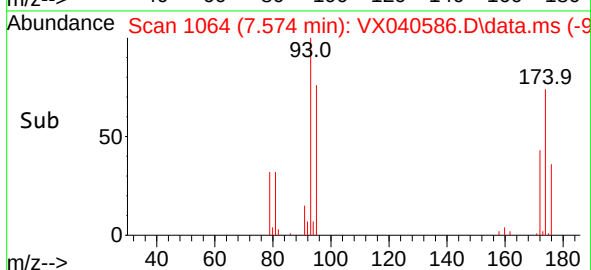
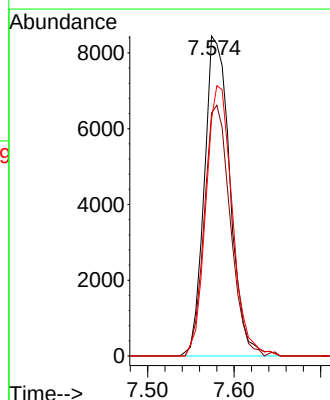
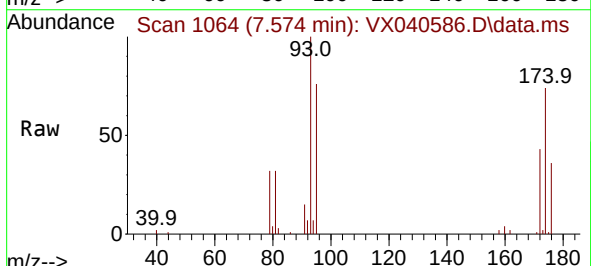
RT: 7.574 min Scan# 1064

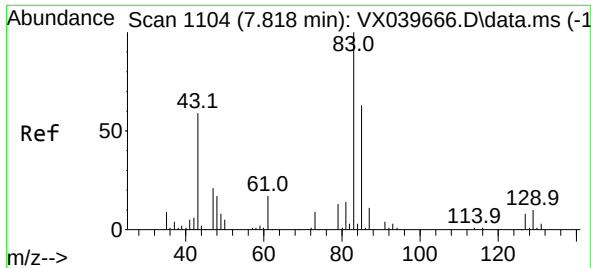
Delta R.T. -0.006 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

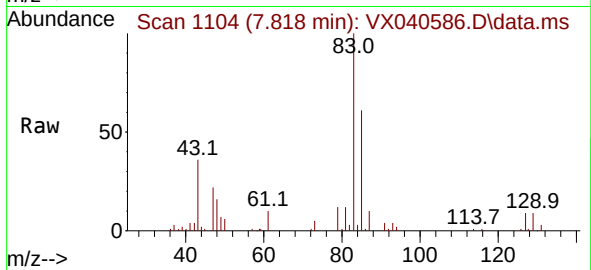
Tgt Ion: 93 Resp: 17411
 Ion Ratio Lower Upper
 93 100
 95 79.1 0.0 163.4
 174 86.5 0.0 166.4





#41
Bromodichloromethane
Concen: 19.234 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

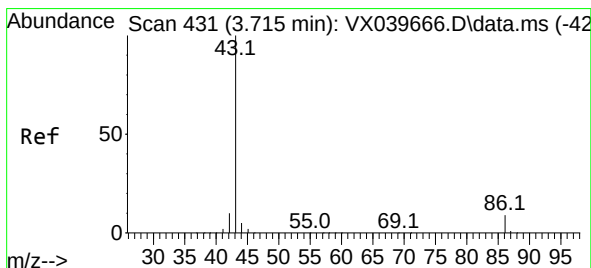
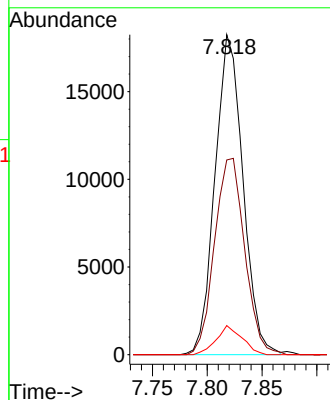
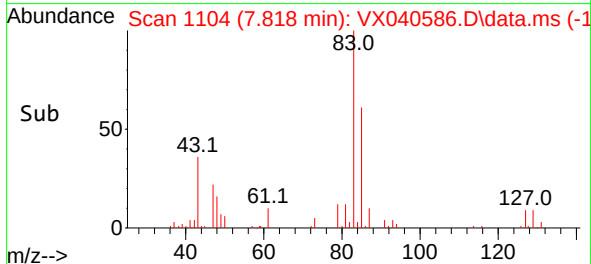
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 83 Resp: 3236
Ion Ratio Lower Upper
83 100
85 60.9 50.8 76.2
127 10.0 5.9 8.9

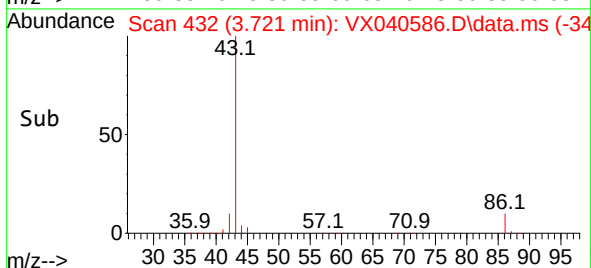
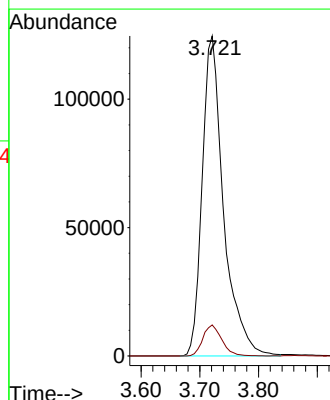
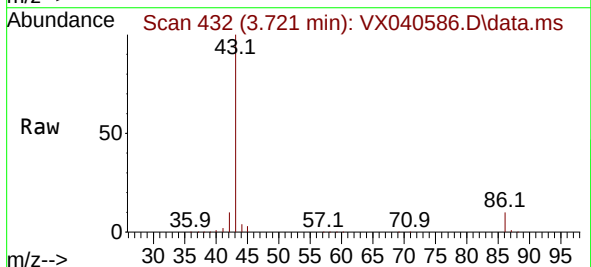
Manual Integrations
APPROVED

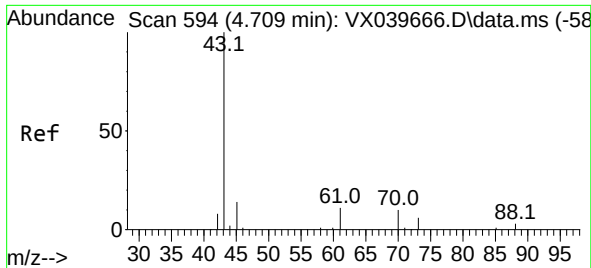
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
Vinyl Acetate
Concen: 95.661 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

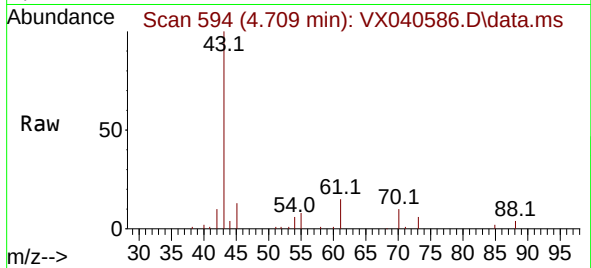
Tgt Ion: 43 Resp: 314826
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 18.378 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

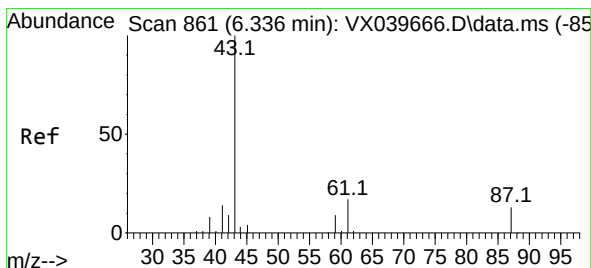
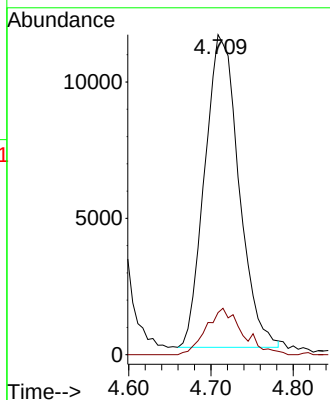
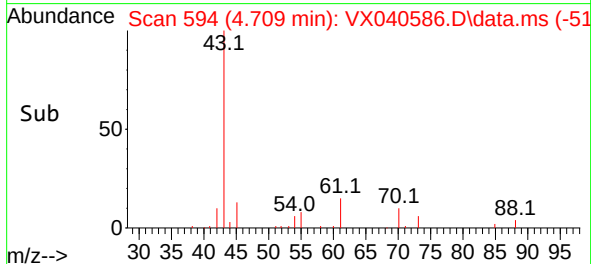
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 43 Resp: 33085
Ion Ratio Lower Upper
43 100
45 13.8 11.8 17.8

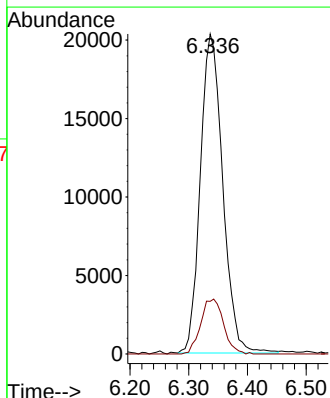
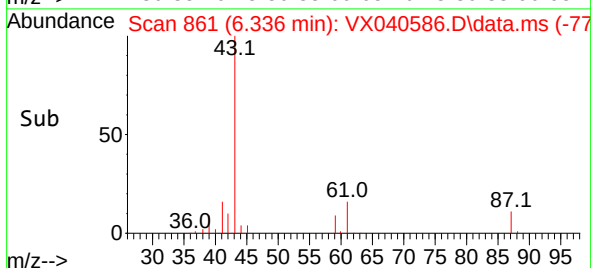
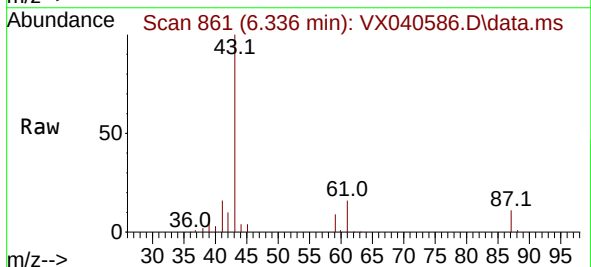
Manual Integrations
APPROVED

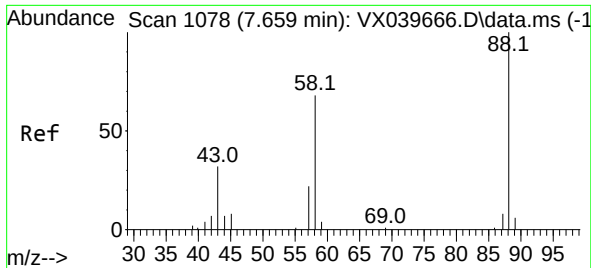
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Isopropyl Acetate
Concen: 18.718 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

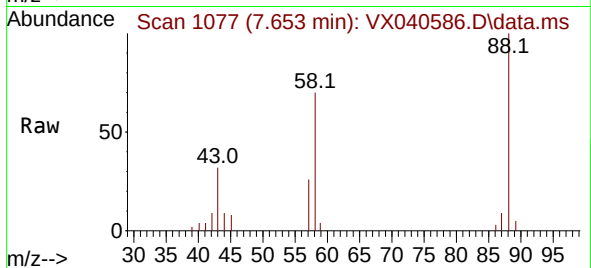
Tgt Ion: 43 Resp: 53787
Ion Ratio Lower Upper
43 100
61 17.5 15.6 23.4





#45
1,4-Dioxane
Concen: 384.487 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

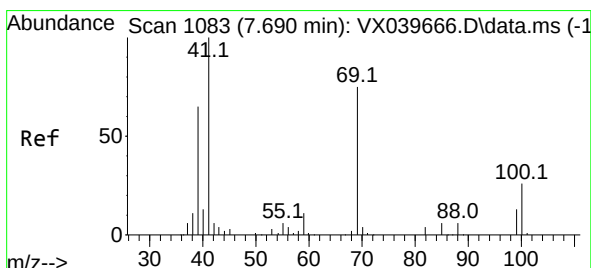
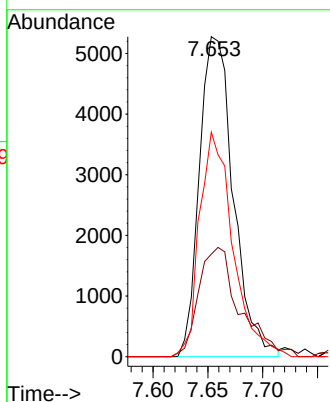
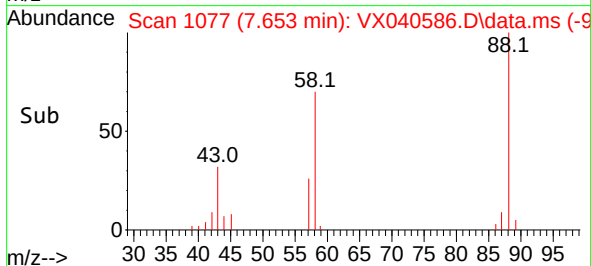
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 88 Resp: 1135
Ion Ratio Lower Upper
88 100
43 40.6 28.1 42.1
58 69.1 57.7 86.5

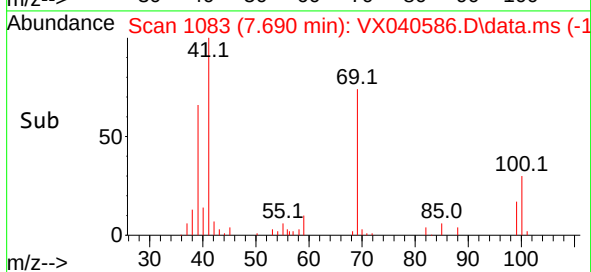
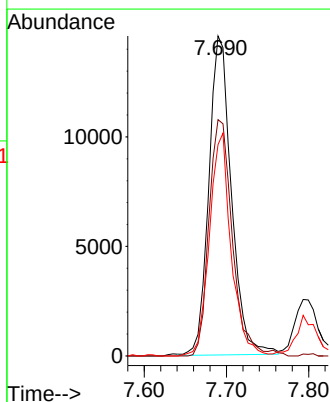
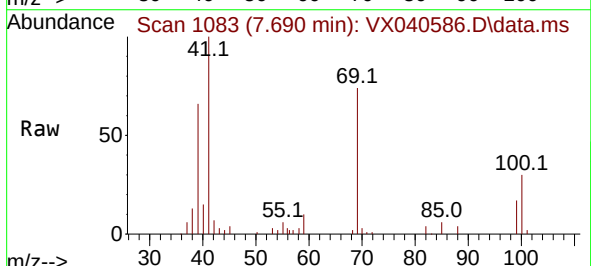
Manual Integrations
APPROVED

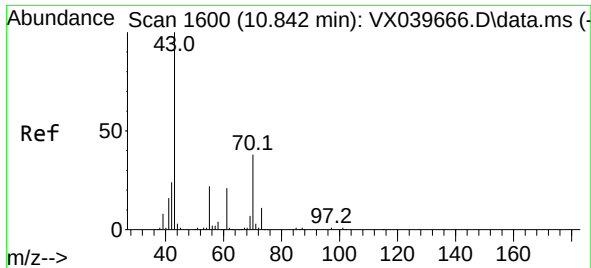
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#46
Methyl methacrylate
Concen: 19.465 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 41 Resp: 27781
Ion Ratio Lower Upper
41 100
69 74.3 39.6 118.8
39 66.4 30.1 90.3





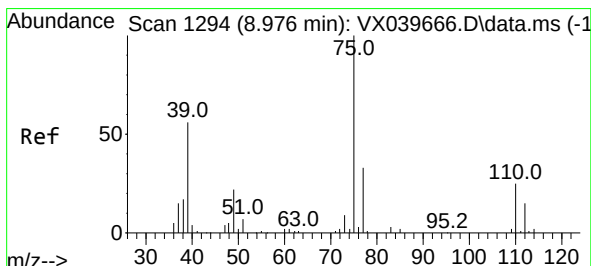
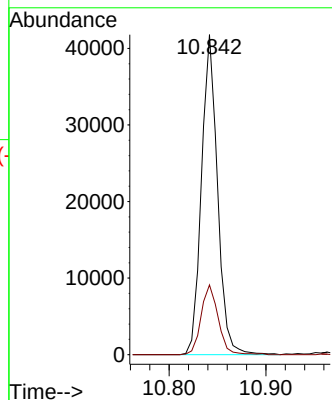
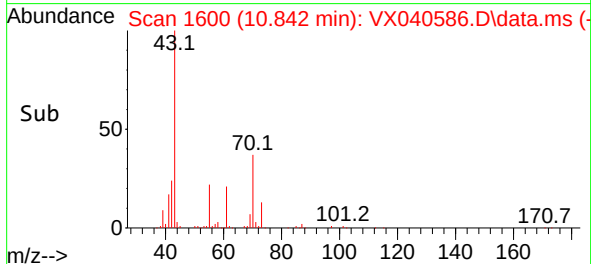
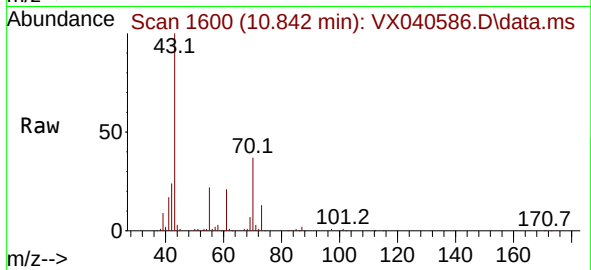
#47
n-amy1 Acetate
Concen: 19.503 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 43 Resp: 48300
Ion Ratio Lower Upper
43 100
55 23.1 18.2 27.2

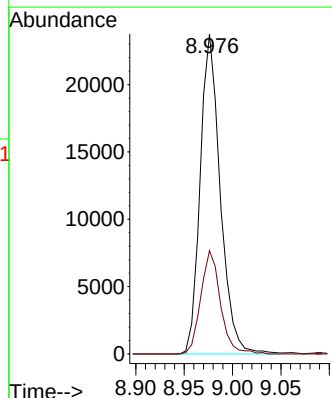
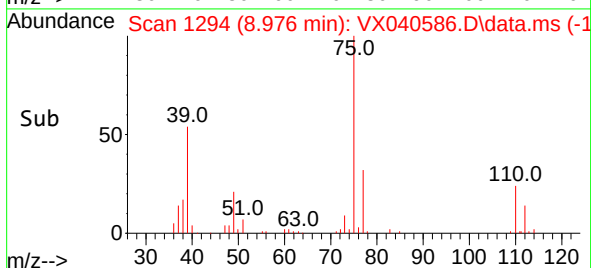
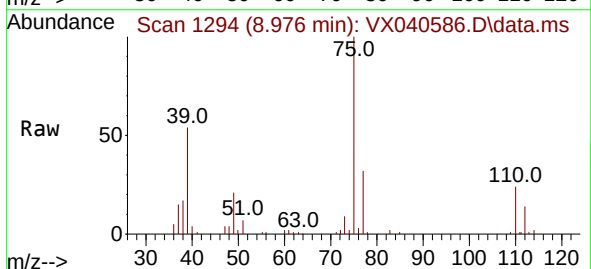
Manual Integrations
APPROVED

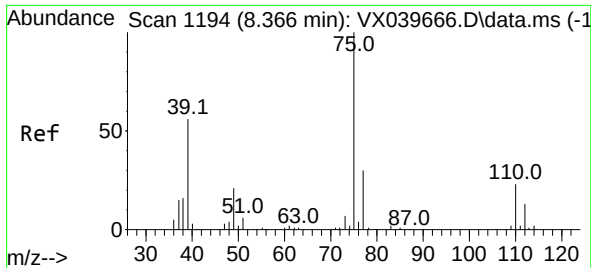
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#48
t-1,3-Dichloropropene
Concen: 19.329 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 75 Resp: 34377
Ion Ratio Lower Upper
75 100
77 32.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.492 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tgt Ion: 75 Resp: 35314

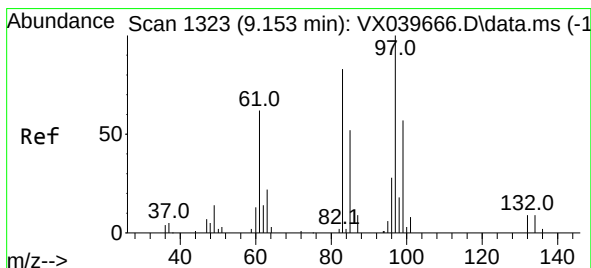
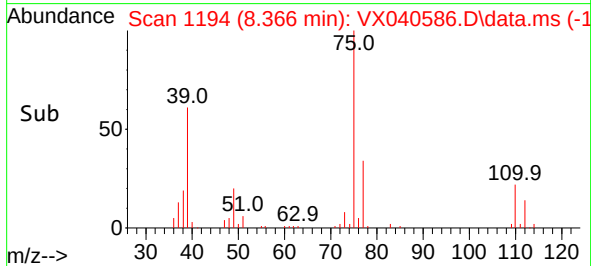
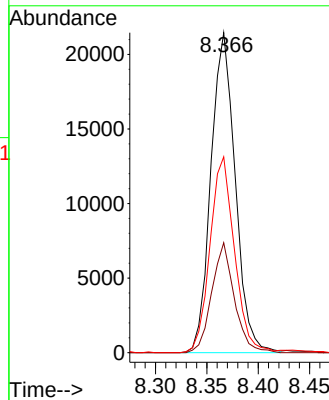
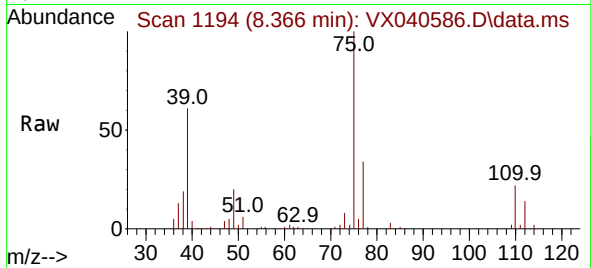
Ion	Ratio	Lower	Upper
75	100		
77	34.4	24.4	36.6
39	61.2	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#50

1,1,2-Trichloroethane

Concen: 18.591 ug/l

RT: 9.153 min Scan# 1323

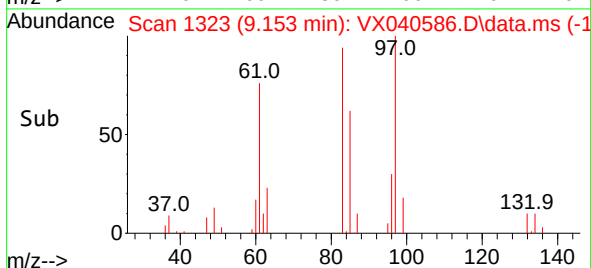
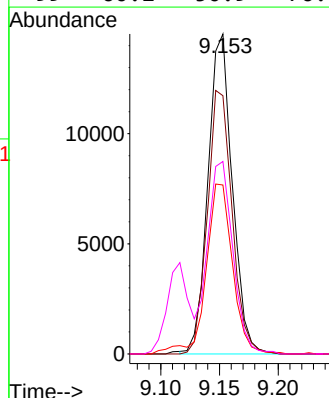
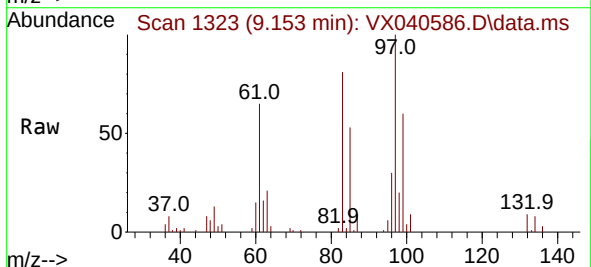
Delta R.T. -0.000 min

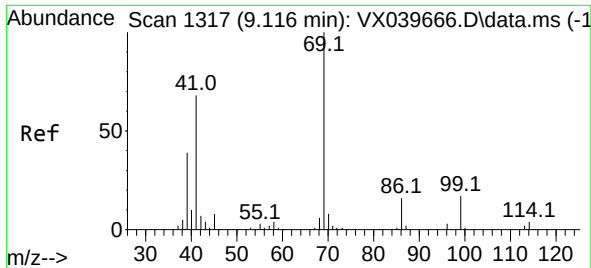
Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Tgt Ion: 97 Resp: 20887

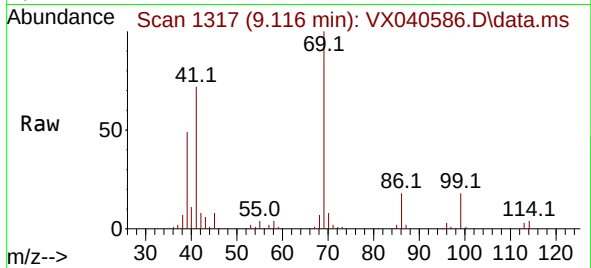
Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.0	103.6
85	52.3	46.3	69.5
99	60.2	50.9	76.3





#51
Ethyl methacrylate
Concen: 17.687 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

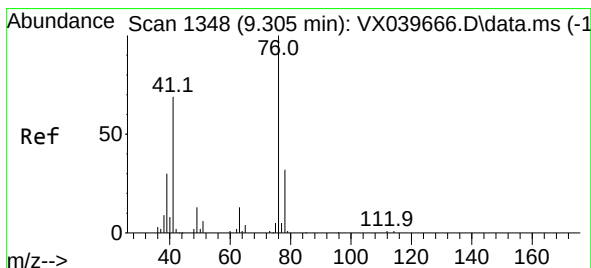
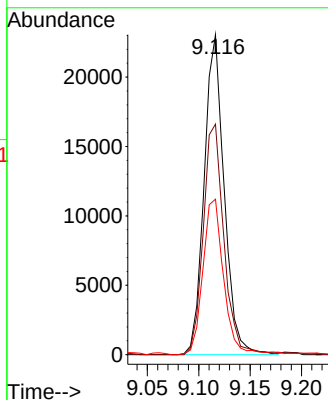
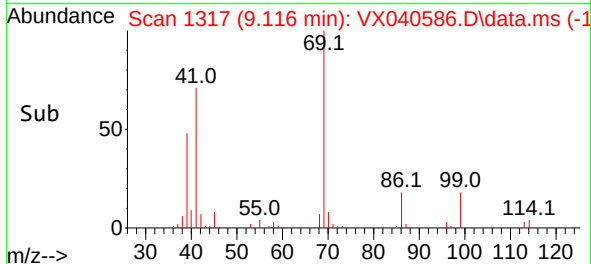
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 69 Resp: 3128
Ion Ratio Lower Upper
69 100
41 72.0 36.2 108.6
39 48.6 21.1 63.4

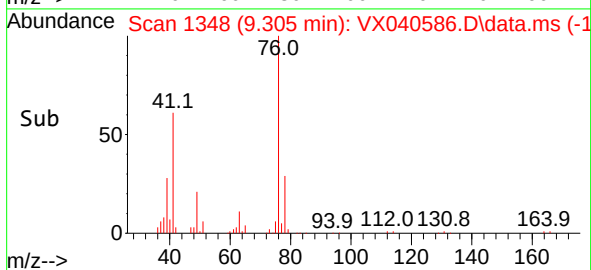
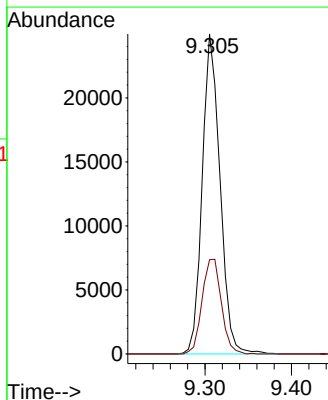
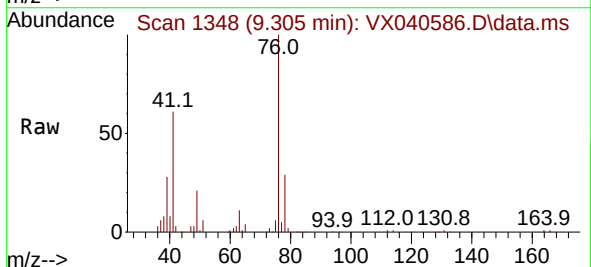
Manual Integrations
APPROVED

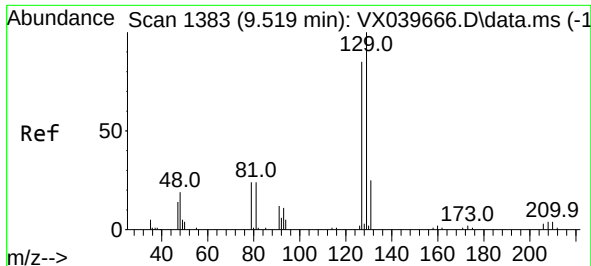
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#52
1,3-Dichloropropane
Concen: 18.580 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

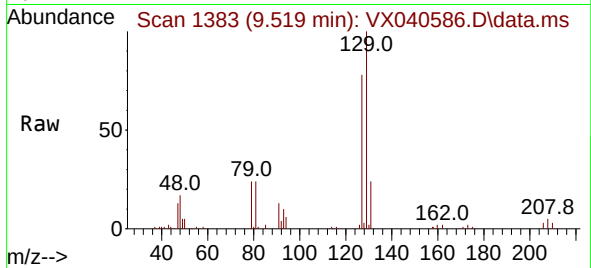
Tgt Ion: 76 Resp: 35619
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0





#53
Dibromochloromethane
Concen: 17.440 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

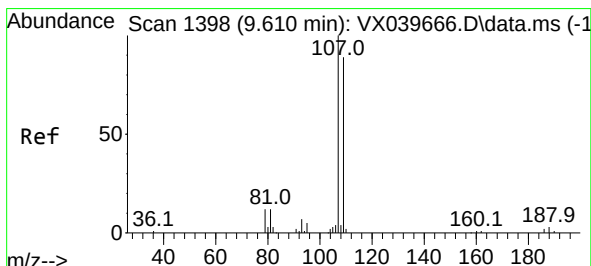
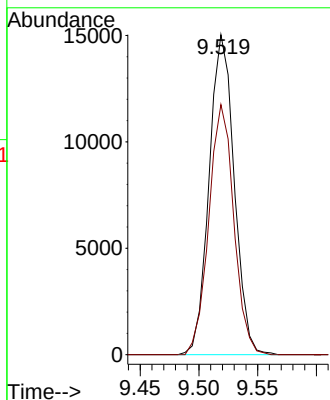
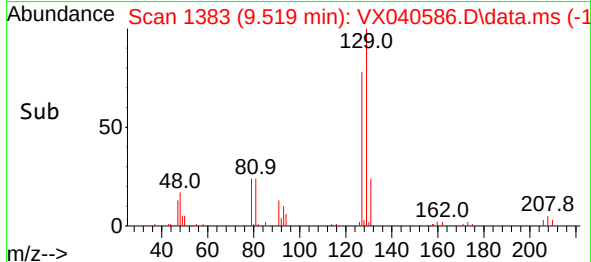
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion:129 Resp: 2233
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

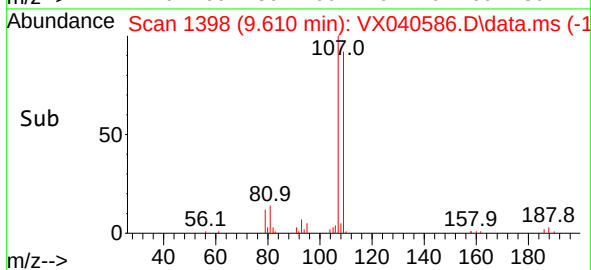
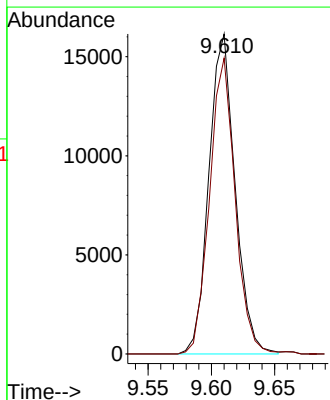
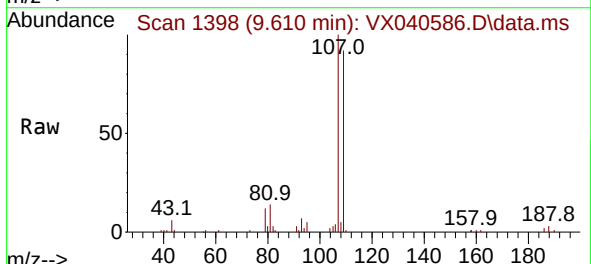
Manual Integrations
APPROVED

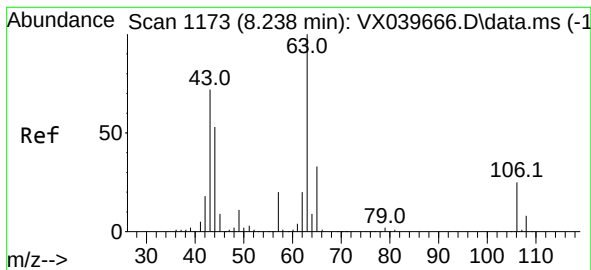
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#54
1,2-Dibromoethane
Concen: 18.704 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion:107 Resp: 23253
Ion Ratio Lower Upper
107 100
109 90.2 75.1 112.7





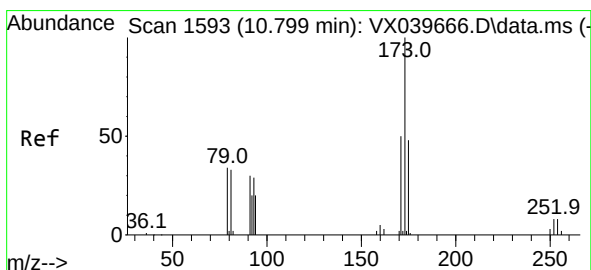
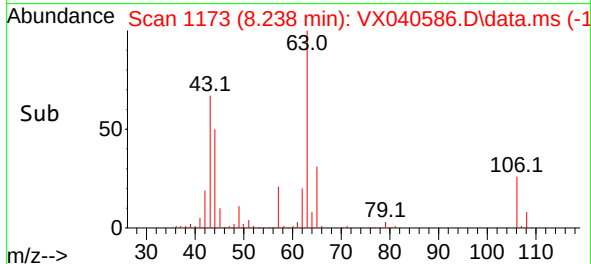
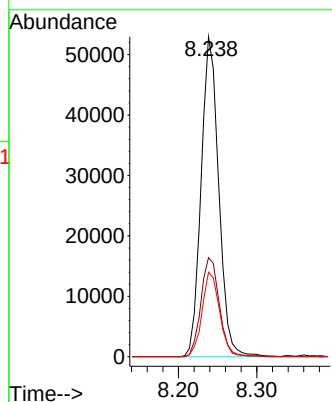
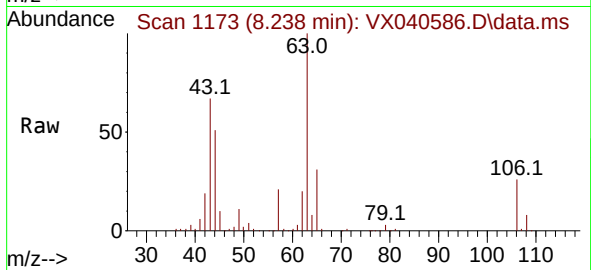
#55
2-Chloroethyl vinyl ether
Concen: 91.931 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 63 Resp: 82808
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 26.0 20.6 31.0

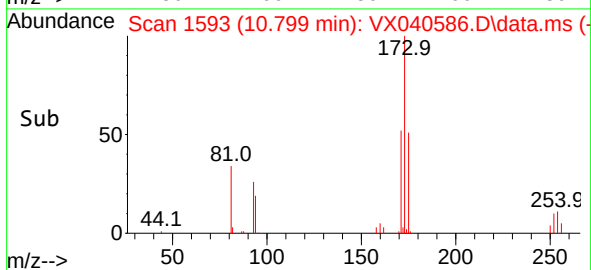
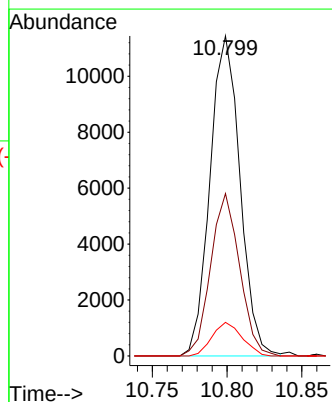
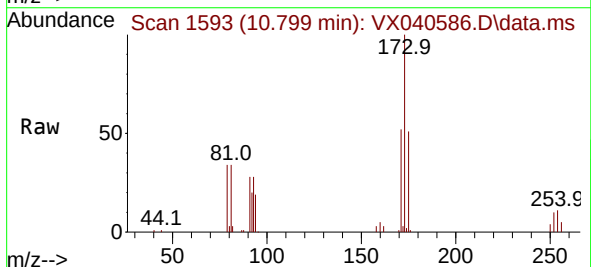
Manual Integrations
APPROVED

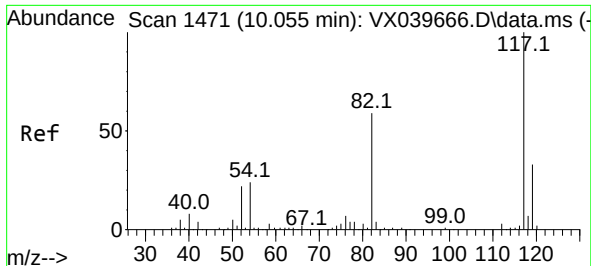
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#56
Bromoform
Concen: 17.579 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion:173 Resp: 15969
Ion Ratio Lower Upper
173 100
175 49.0 37.6 56.4
254 10.5 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: VX040586.D

Acq: 05 Mar 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tgt Ion: 117 Resp: 78909

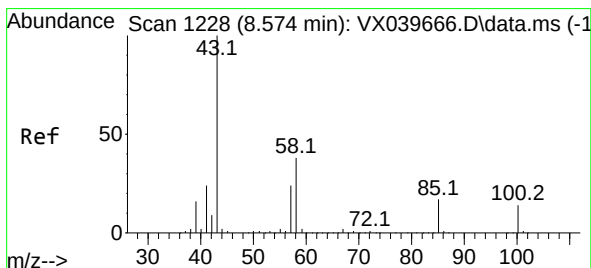
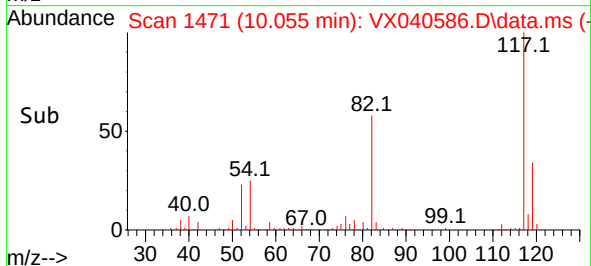
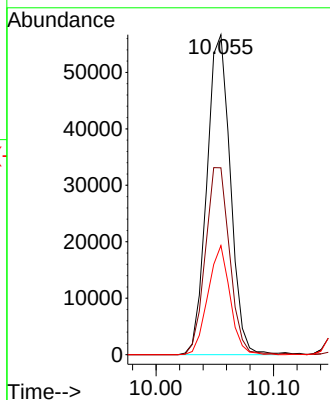
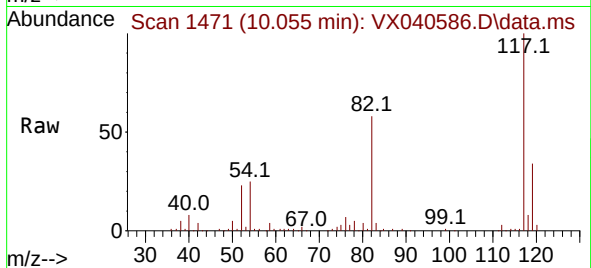
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.0	70.6
119	32.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#58

4-Methyl-2-Pentanone

Concen: 104.589 ug/l

RT: 8.568 min Scan# 1227

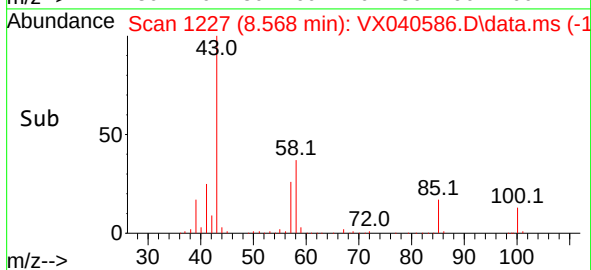
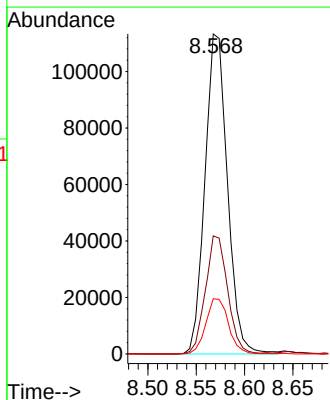
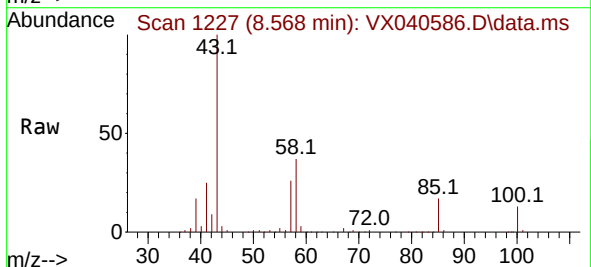
Delta R.T. -0.006 min

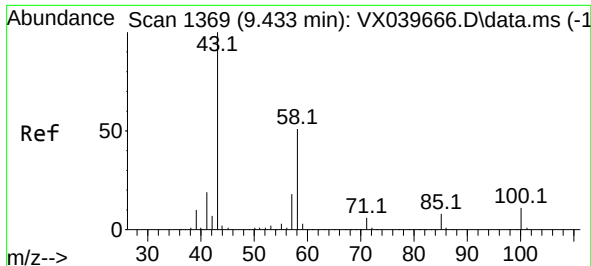
Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Tgt Ion: 43 Resp: 183773

Ion	Ratio	Lower	Upper
43	100		
58	36.5	30.1	45.1
85	17.4	13.9	20.9





#59

2-Hexanone

Concen: 93.309 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tgt Ion: 43 Resp: 132432

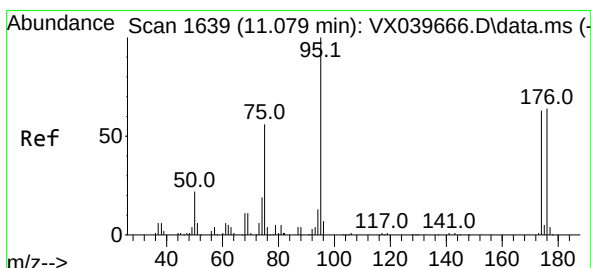
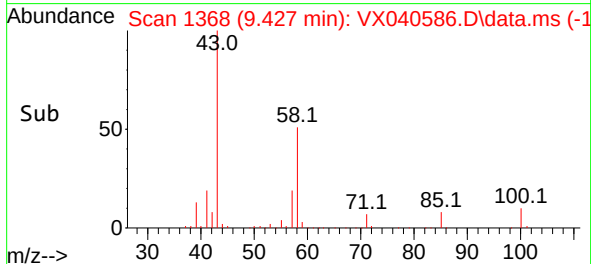
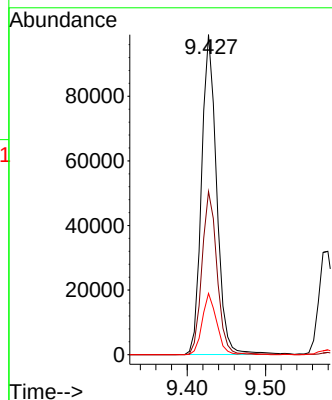
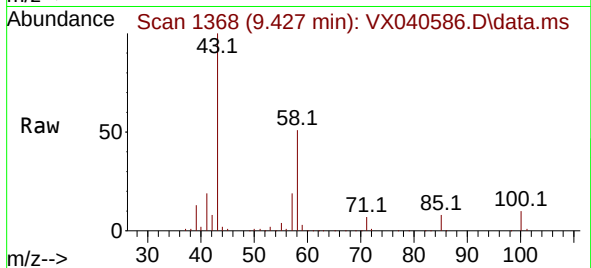
Ion	Ratio	Lower	Upper
43	100		
58	50.5	42.7	64.1
57	18.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#60

4-Bromofluorobenzene

Concen: 33.476 ug/l

RT: 11.079 min Scan# 1639

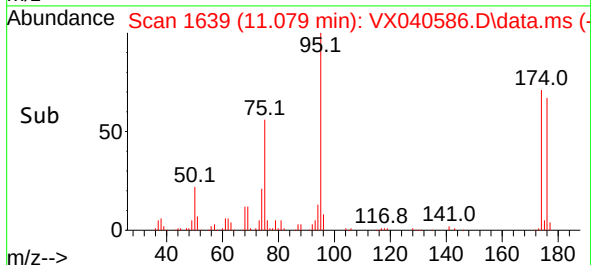
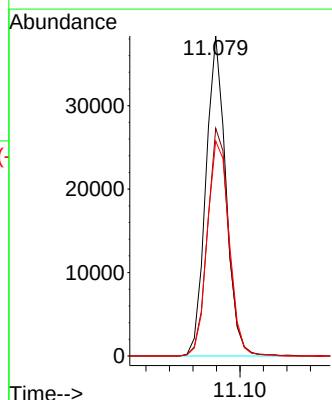
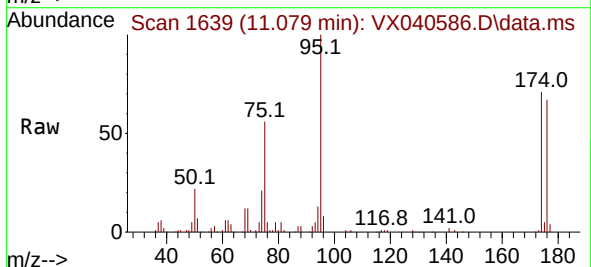
Delta R.T. 0.000 min

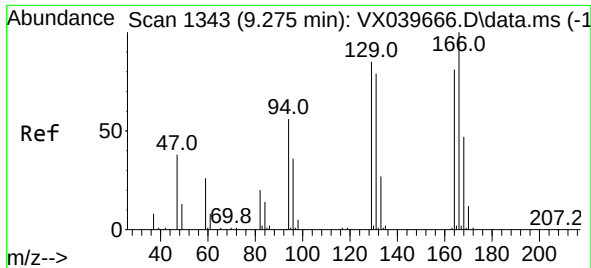
Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Tgt Ion: 95 Resp: 45311

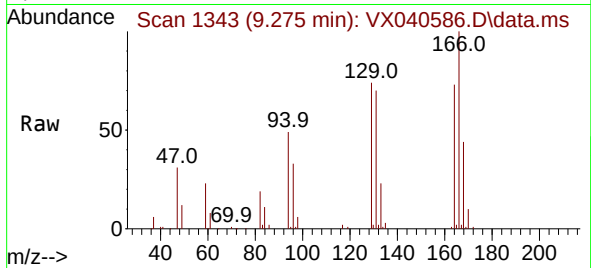
Ion	Ratio	Lower	Upper
95	100		
174	74.7	55.4	83.2
176	73.8	52.6	78.8





#61
Tetrachloroethene
Concen: 19.753 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

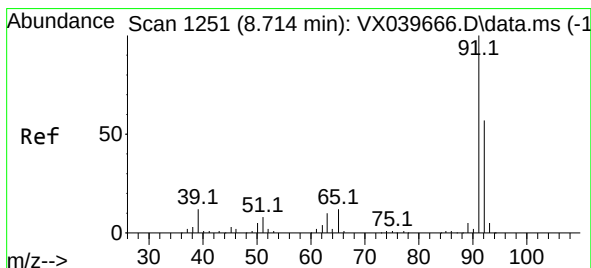
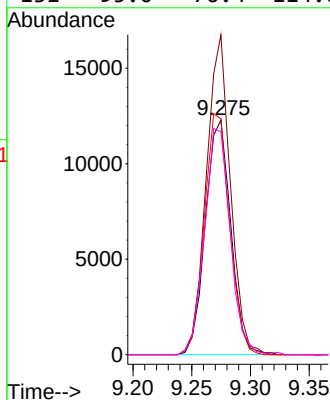
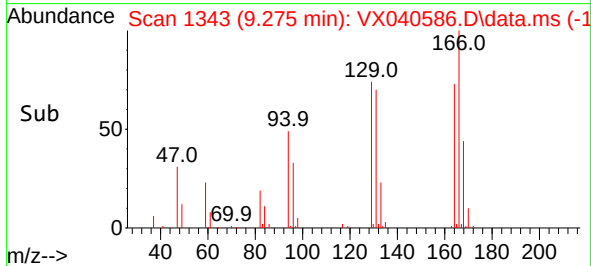
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion:164 Resp: 18500
Ion Ratio Lower Upper
164 100
166 136.4 104.0 156.0
129 100.6 82.0 123.0
131 95.0 76.4 114.6

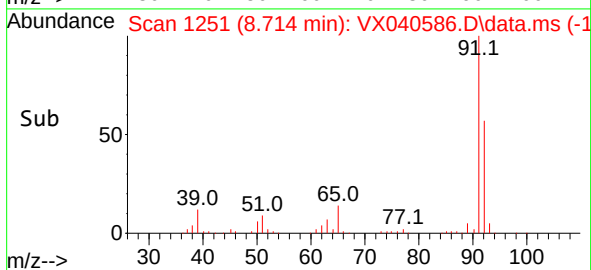
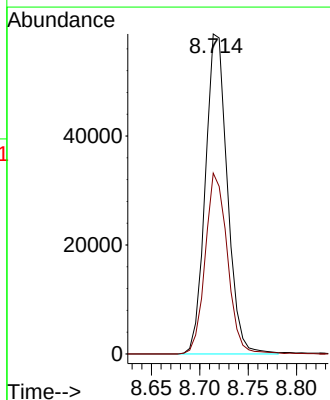
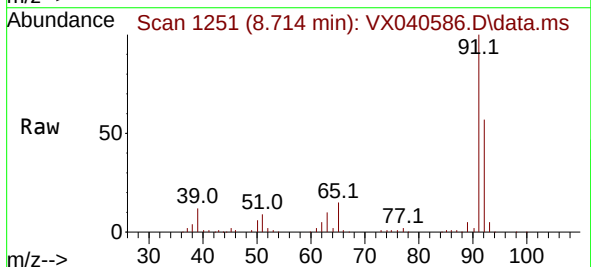
Manual Integrations
APPROVED

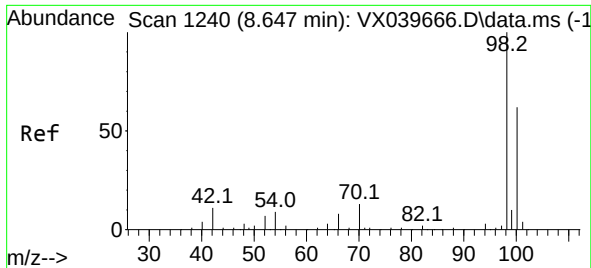
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#62
Toluene
Concen: 21.410 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

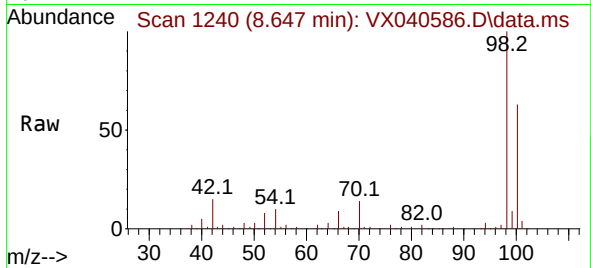
Tgt Ion: 91 Resp: 93048
Ion Ratio Lower Upper
91 100
92 56.9 45.9 68.9





#63
Toluene-d8
Concen: 32.914 ug/l
RT: 8.647 min Scan# 114779
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

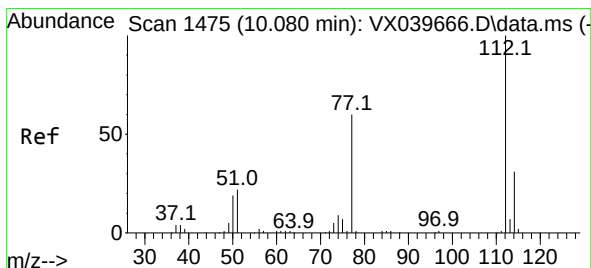
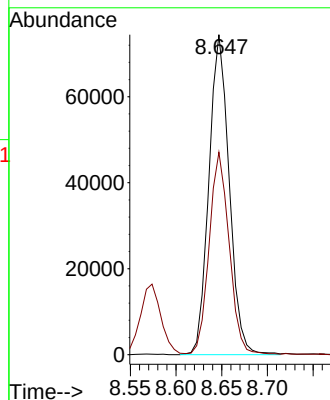
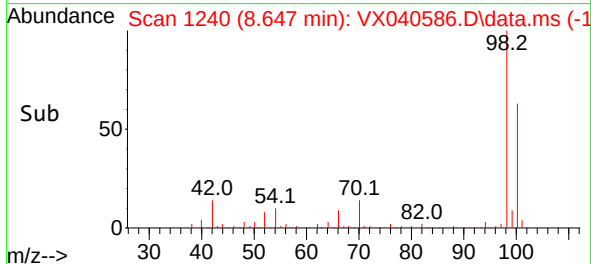
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 98 Resp: 114779
Ion Ratio Lower Upper
98 100
100 62.5 51.0 76.4

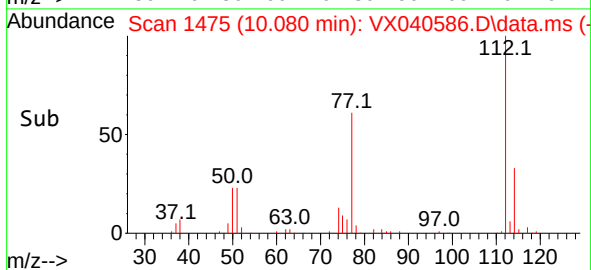
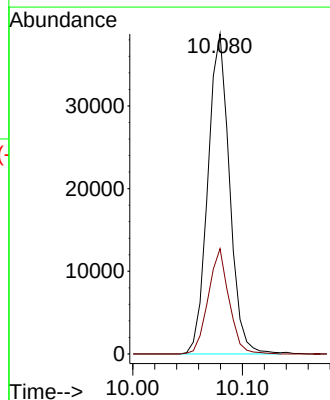
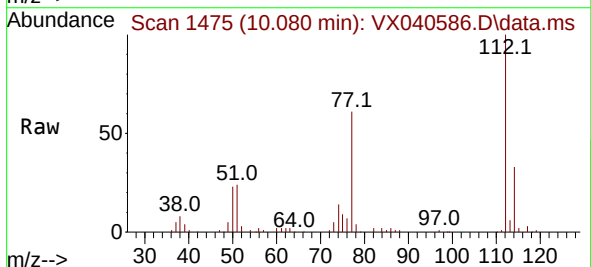
Manual Integrations
APPROVED

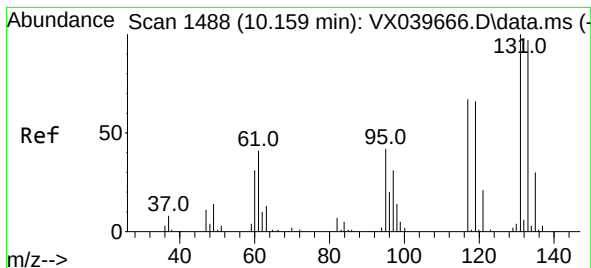
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#64
Chlorobenzene
Concen: 20.058 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

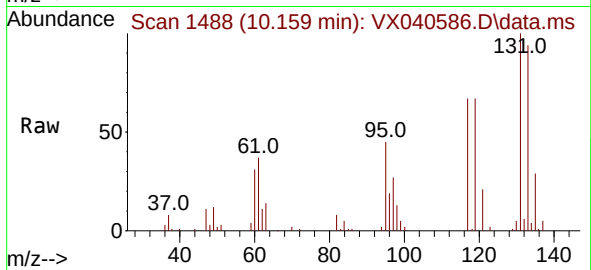
Tgt Ion:112 Resp: 53280
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 18.372 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

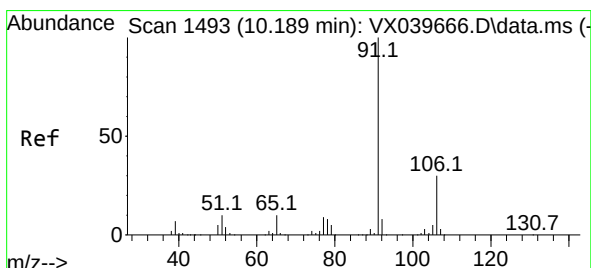
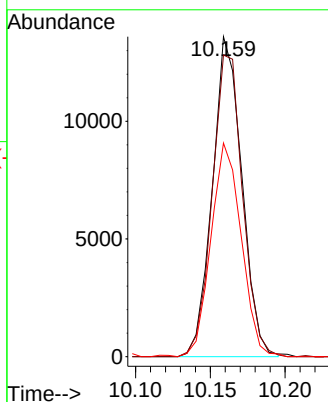
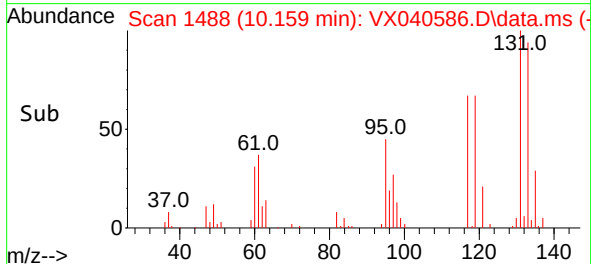
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



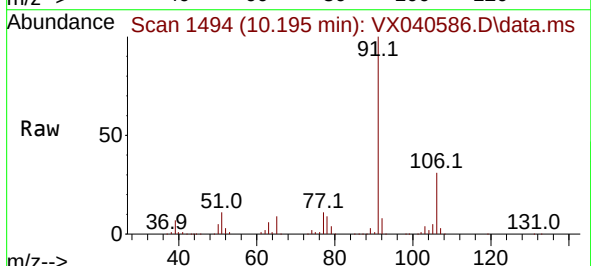
Tgt Ion:131 Resp: 18614
Ion Ratio Lower Upper
131 100
133 97.3 0.0 191.8
119 68.5 0.0 135.4

Manual Integrations
APPROVED

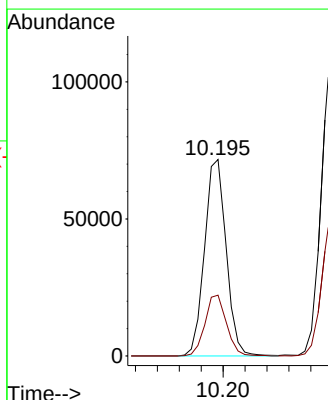
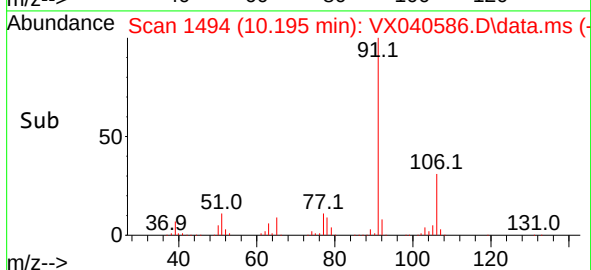
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

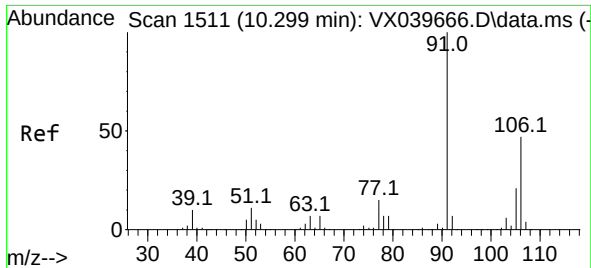


#66
Ethyl Benzene
Concen: 19.599 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03



Tgt Ion: 91 Resp: 98211
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





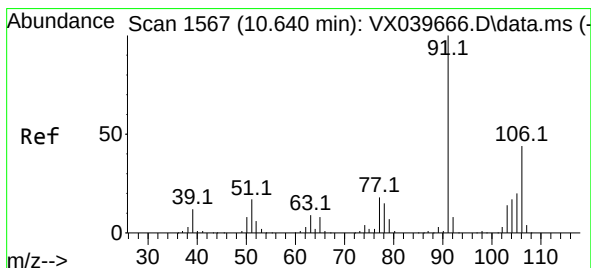
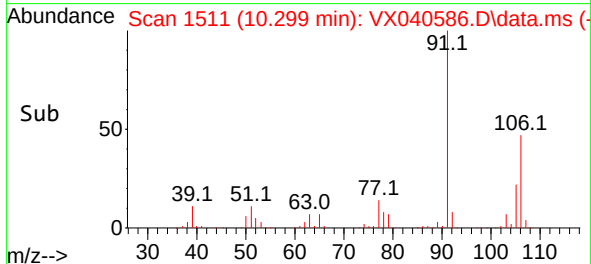
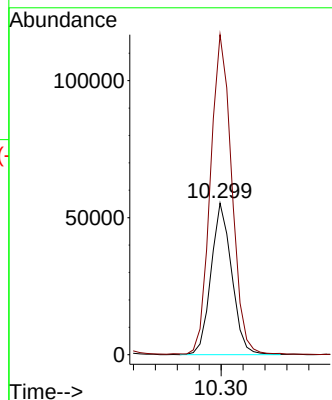
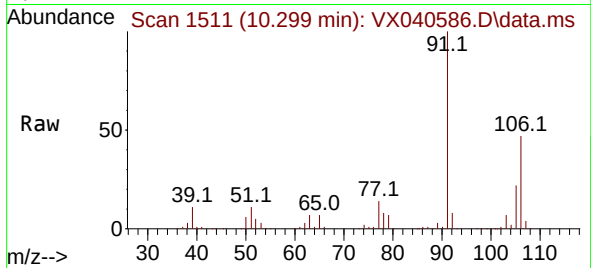
#67
m/p-Xylenes
Concen: 39.149 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion:106 Resp: 7244
Ion Ratio Lower Upper
106 100
91 218.8 169.4 254.0

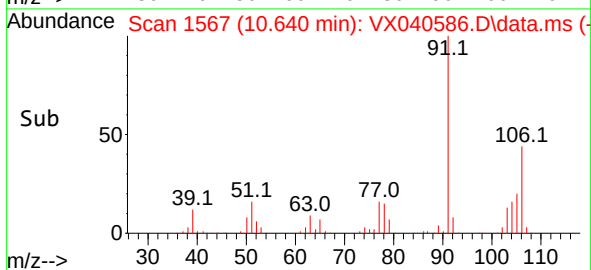
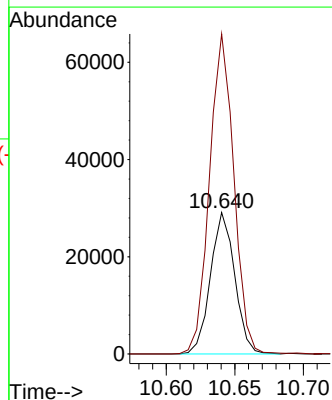
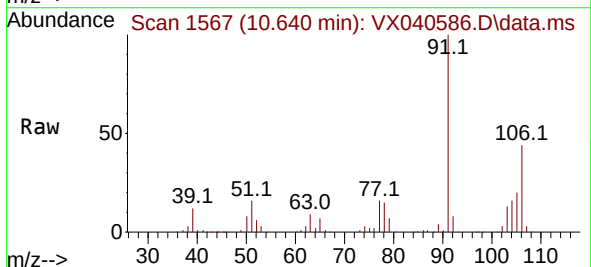
Manual Integrations
APPROVED

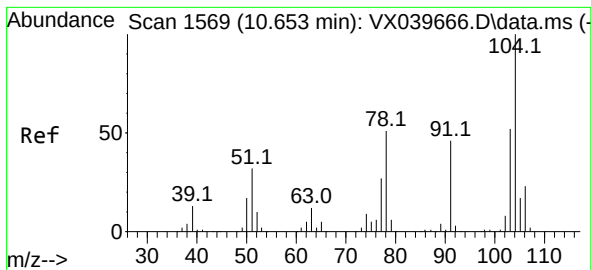
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#68
o-Xylene
Concen: 20.145 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion:106 Resp: 35885
Ion Ratio Lower Upper
106 100
91 226.8 111.2 333.6





#69

Styrene

Concen: 19.527 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

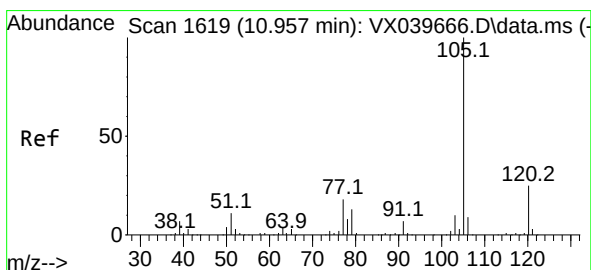
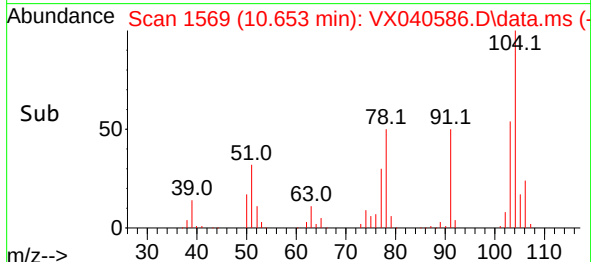
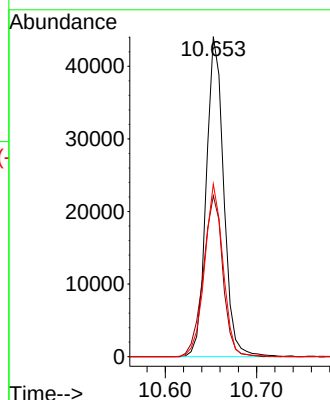
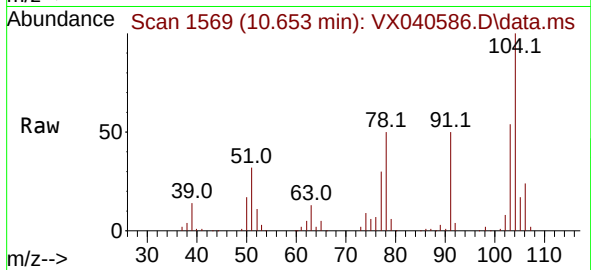
Tgt Ion:104	Resp:	58440
Ion Ratio	Lower	Upper
104	100	
78	56.3	43.7 65.5
103	56.8	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#70

Isopropylbenzene

Concen: 22.220 ug/l

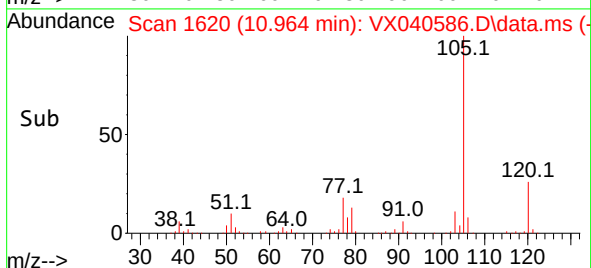
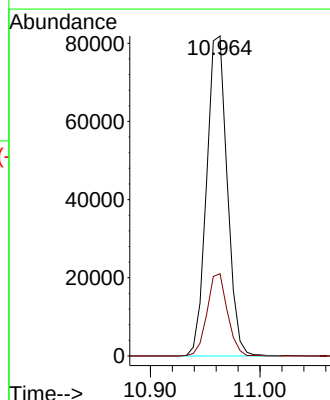
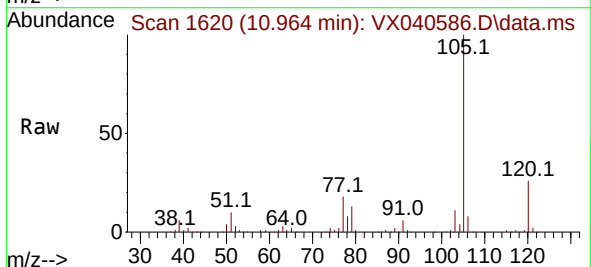
RT: 10.964 min Scan# 1620

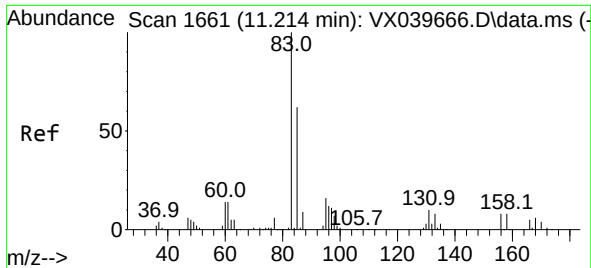
Delta R.T. 0.007 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Tgt Ion:105	Resp:	106949
Ion Ratio	Lower	Upper
105	100	
120	25.4	18.5 34.3





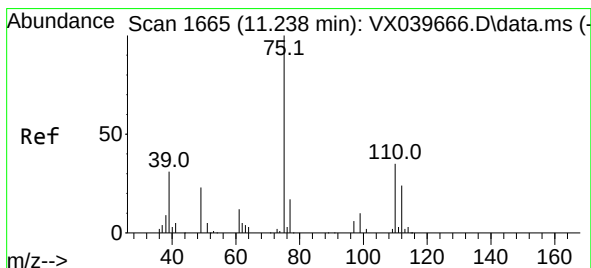
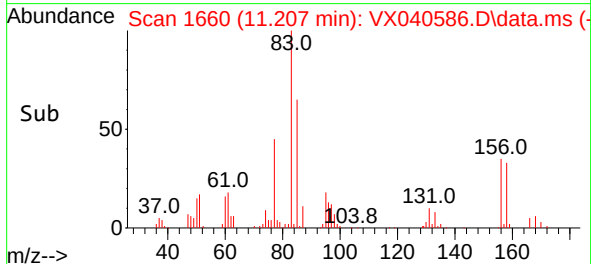
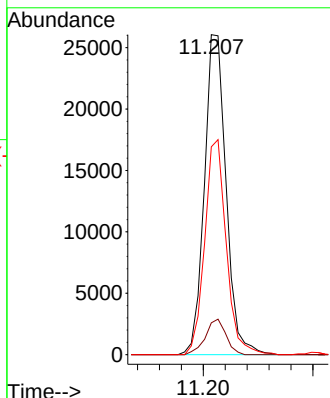
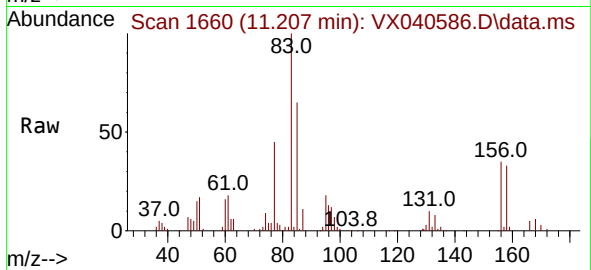
#71
1,1,2,2-Tetrachloroethane
Concen: 21.293 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.007 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 83 Resp: 35930
Ion Ratio Lower Upper
83 100
131 10.5 4.6 13.8
85 66.5 32.5 97.4

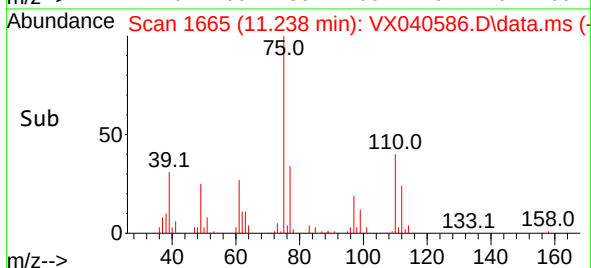
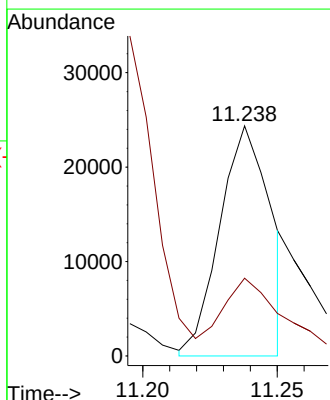
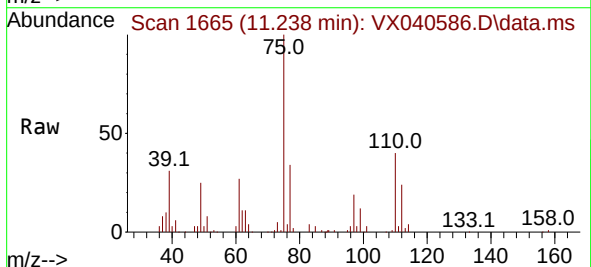
Manual Integrations
APPROVED

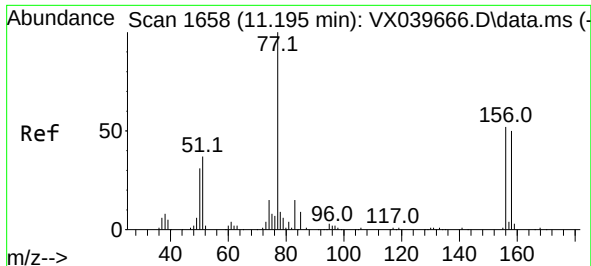
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#72
1,2,3-Trichloropropane
Concen: 21.069 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

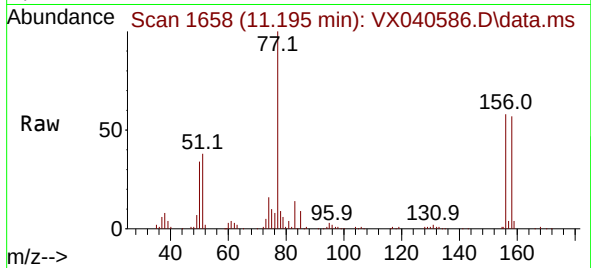
Tgt Ion: 75 Resp: 31989
Ion Ratio Lower Upper
75 100
77 41.4 0.0 76.4





#73
Bromobenzene
Concen: 21.863 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

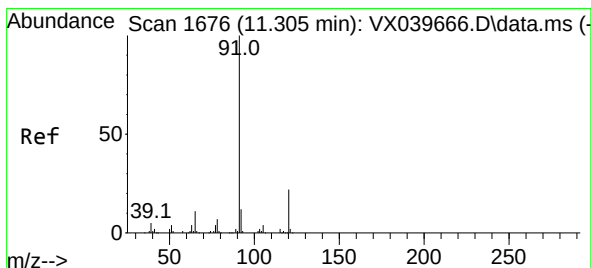
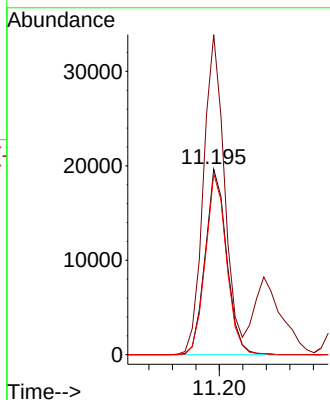
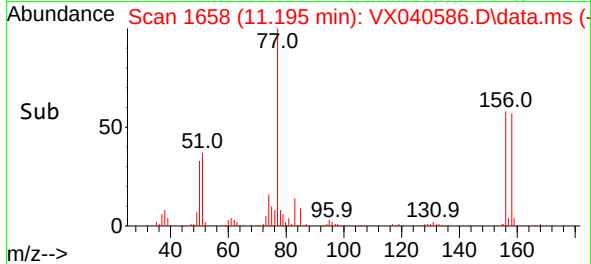
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion:156 Resp: 2491
Ion Ratio Lower Upper
156 100
77 168.7 0.0 363.2
158 96.0 0.0 197.8

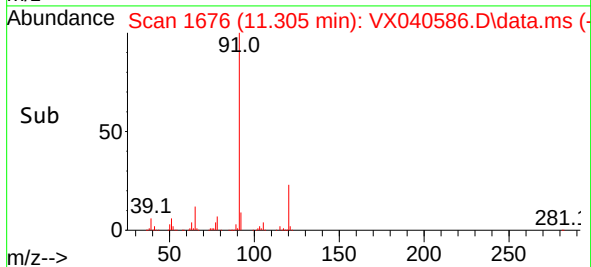
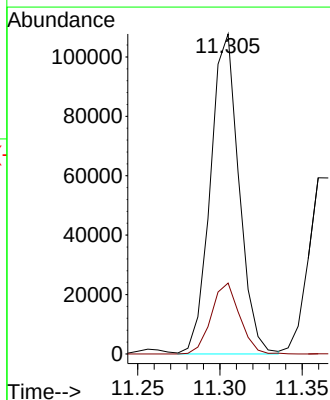
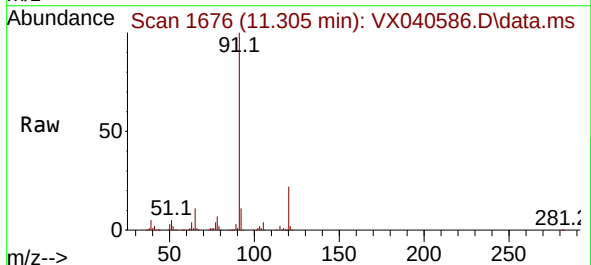
Manual Integrations
APPROVED

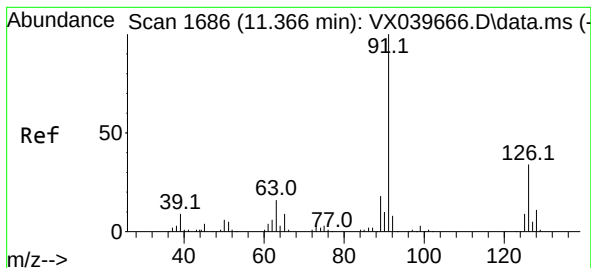
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#74
n-propylbenzene
Concen: 21.929 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 91 Resp: 130362
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.4





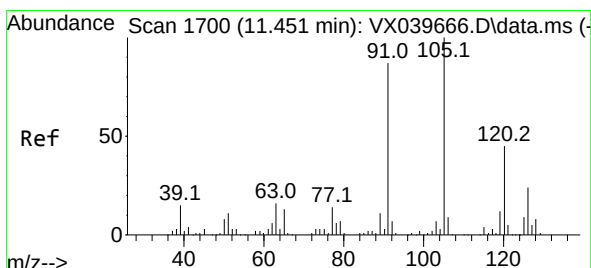
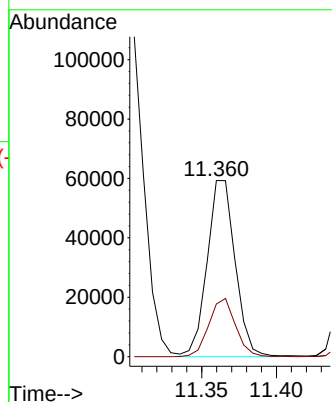
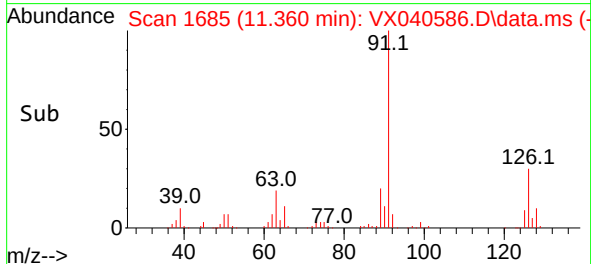
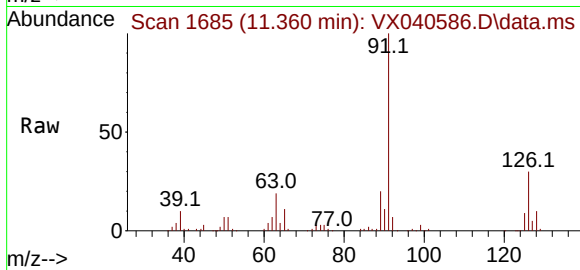
#75
2-Chlorotoluene
Concen: 21.946 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 91 Resp: 7742
Ion Ratio Lower Upper
91 100
126 31.5 0.0 64.2

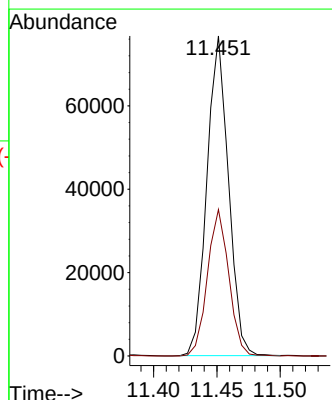
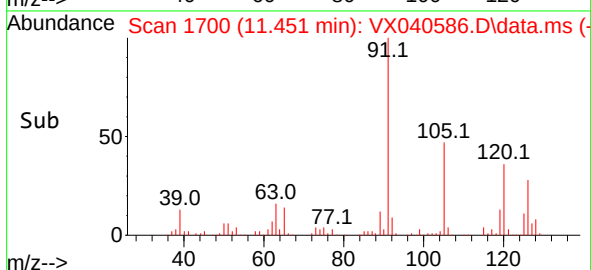
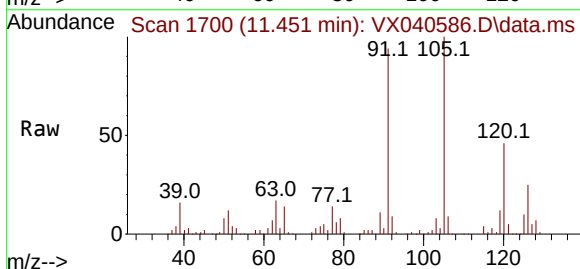
Manual Integrations
APPROVED

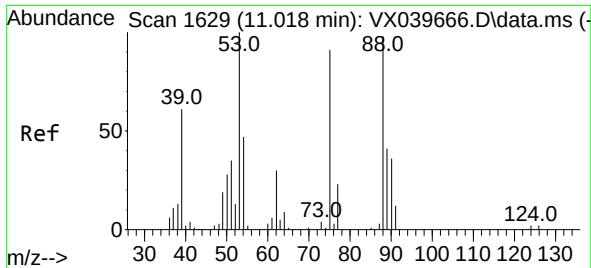
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion:105 Resp: 90775
Ion Ratio Lower Upper
105 100
120 45.4 0.0 92.6





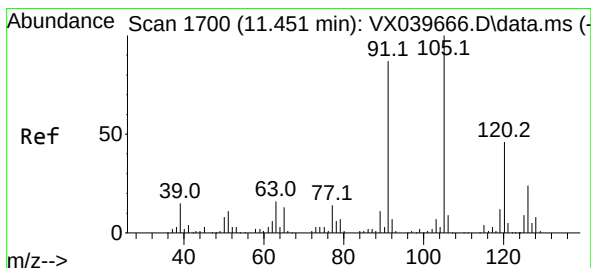
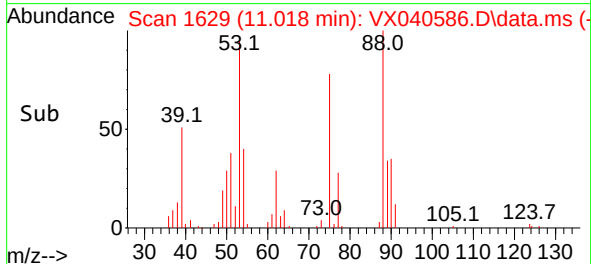
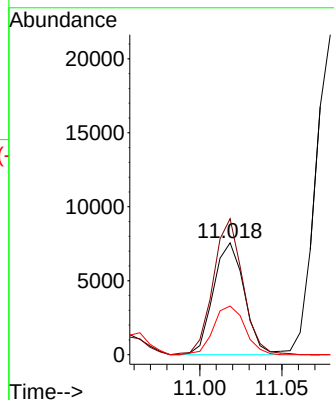
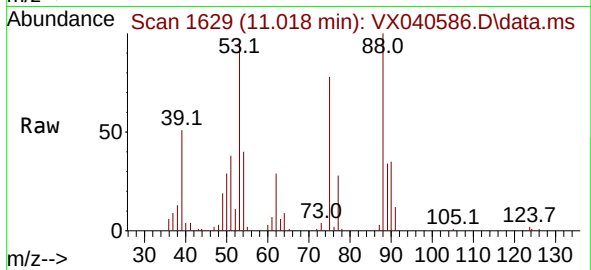
#77
t-1,4-Dichloro-2-butene
Concen: 21.052 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
53 120.4 46.9 140.8
89 43.6 21.3 63.7

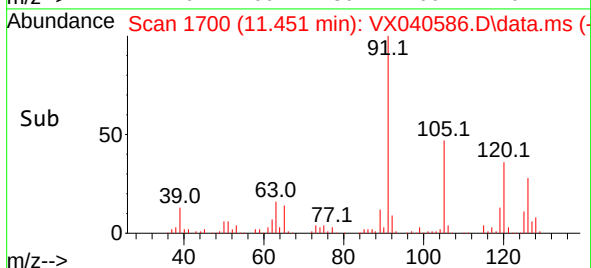
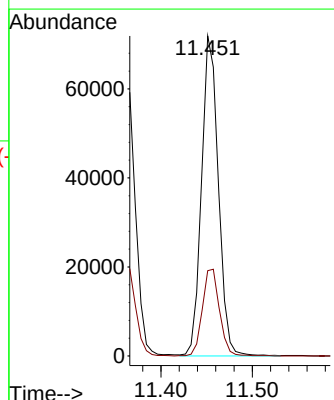
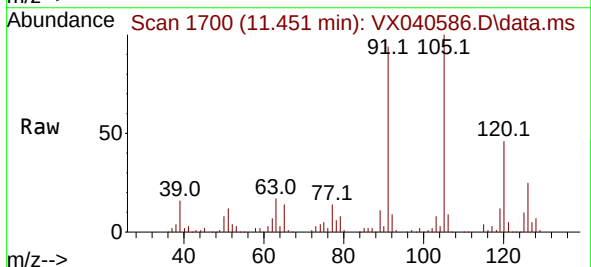
Manual Integrations
APPROVED

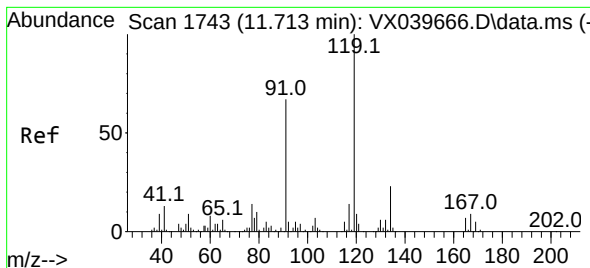
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
4-Chlorotoluene
Concen: 21.830 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion: 91 Resp: 91869
Ion Ratio Lower Upper
91 100
126 27.5 0.0 57.4





#79

tert-butylbenzene

Concen: 21.685 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

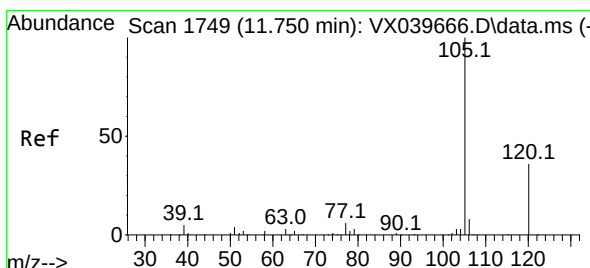
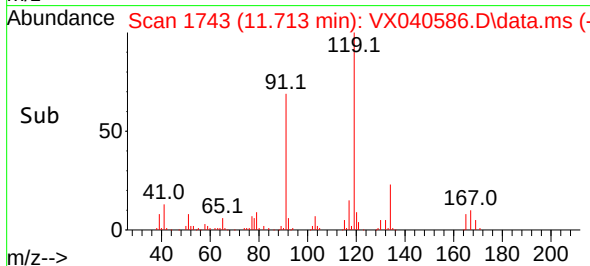
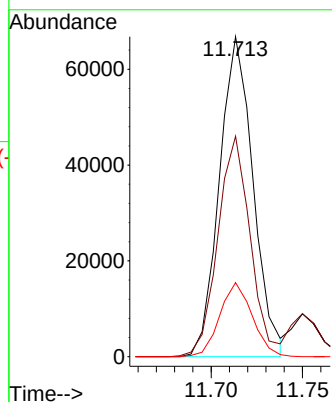
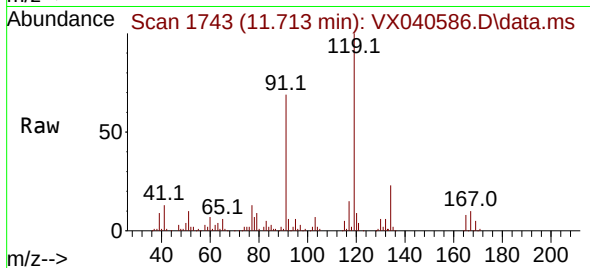
Tgt Ion:	119	Resp:	8576
Ion Ratio	Lower	Upper	
119	100		
91	66.4	0.0	125.6
134	22.3	0.0	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#80

1,2,4-Trimethylbenzene

Concen: 22.060 ug/l

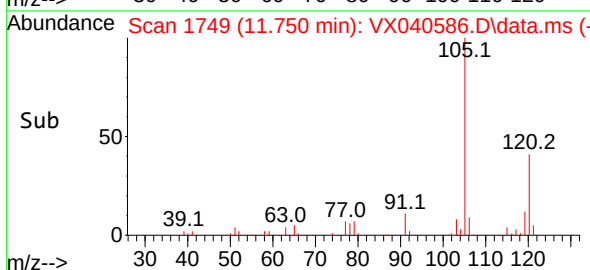
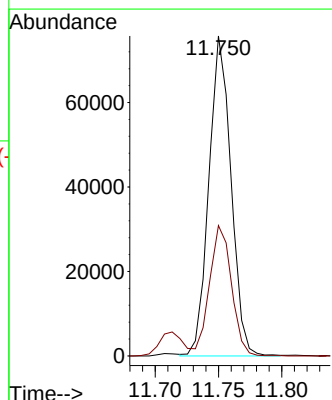
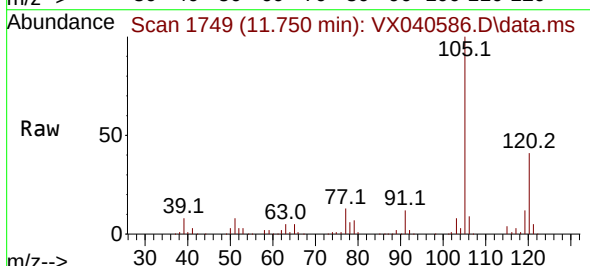
RT: 11.750 min Scan# 1749

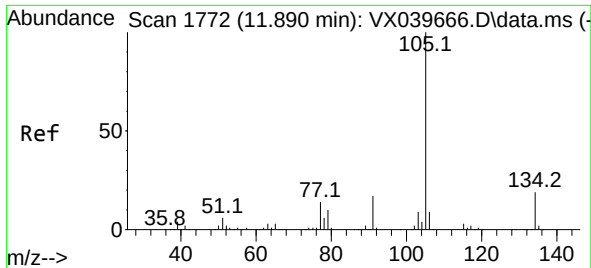
Delta R.T. -0.000 min

Lab File: VX040586.D

Acq: 05 Mar 2024 14:03

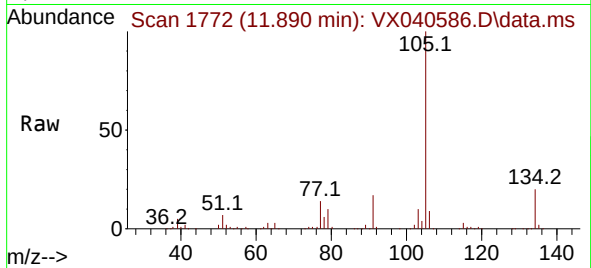
Tgt Ion:	105	Resp:	92102
Ion Ratio	Lower	Upper	
105	100		
120	39.9	0.0	86.4





#81
 sec-Butylbenzene
 Concen: 21.695 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03

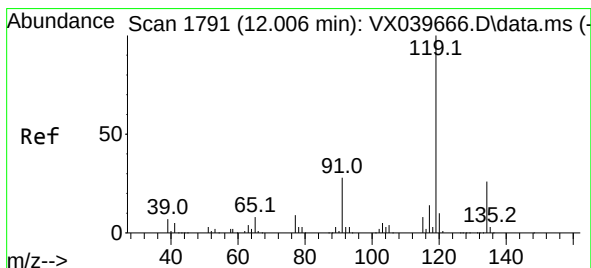
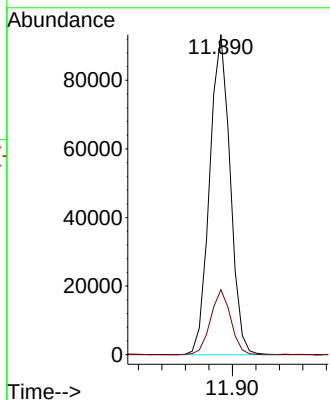
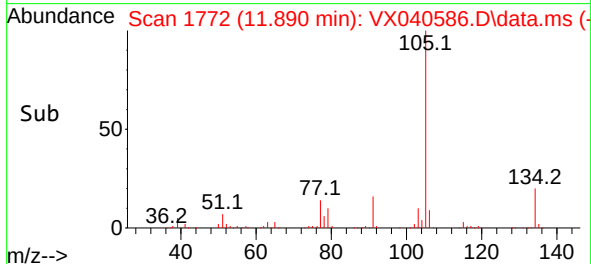
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01



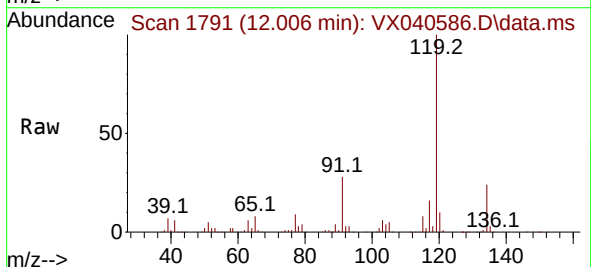
Tgt Ion:105 Resp: 11328
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.4

Manual Integrations
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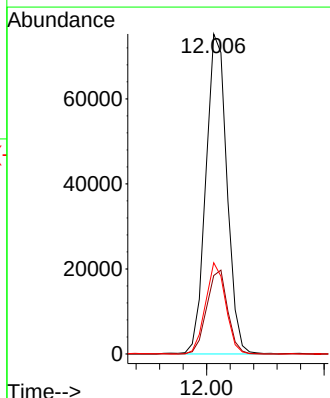
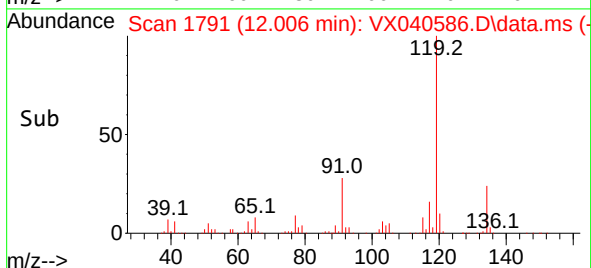
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

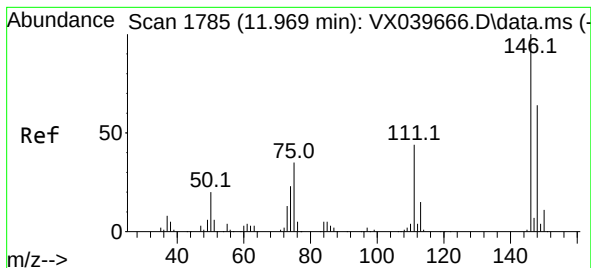


#82
 p-Isopropyltoluene
 Concen: 21.890 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040586.D
 Acq: 05 Mar 2024 14:03



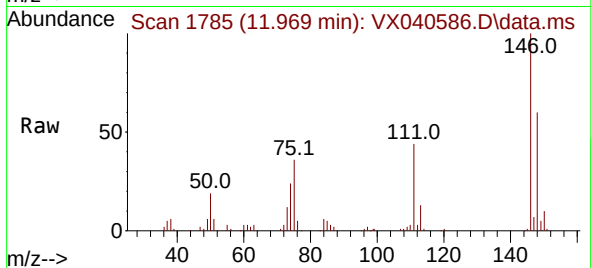
Tgt Ion:119 Resp: 93564
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 27.3 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 21.751 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

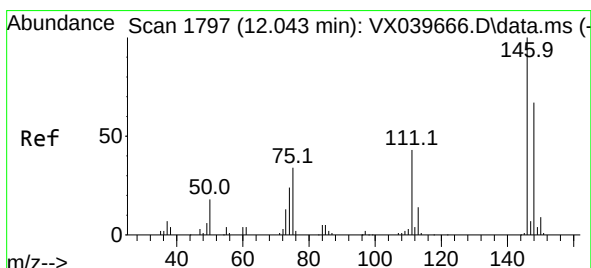
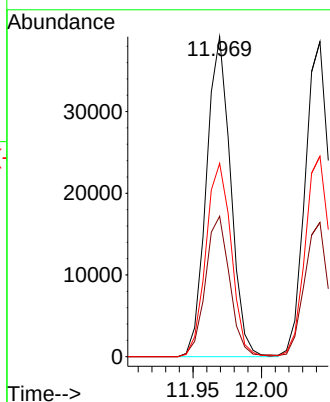
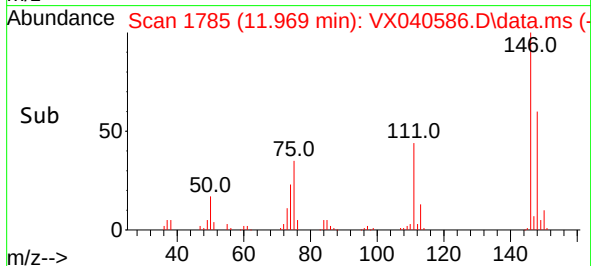
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



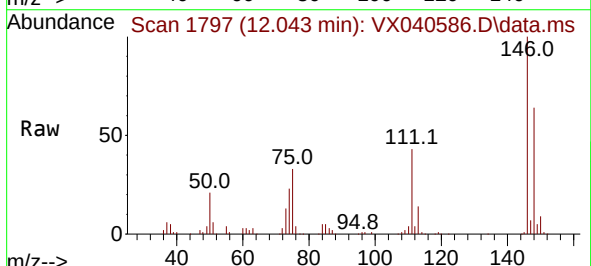
Tgt Ion:146 Resp: 48220
Ion Ratio Lower Upper
146 100
111 44.0 22.3 66.9
148 63.1 32.8 98.3

Manual Integrations
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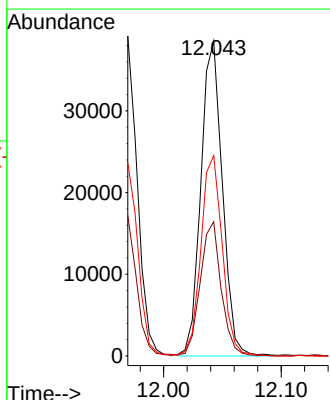
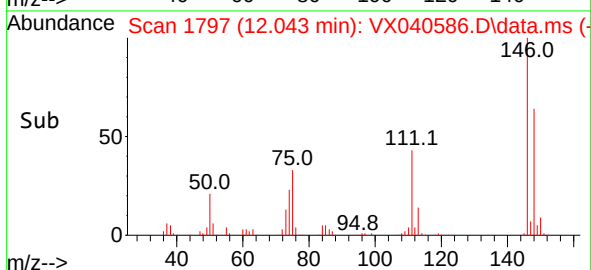
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

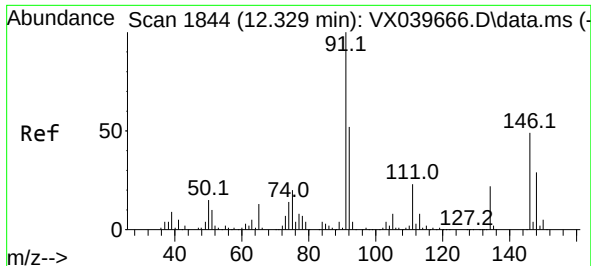


#84
1,4-Dichlorobenzene
Concen: 21.615 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03



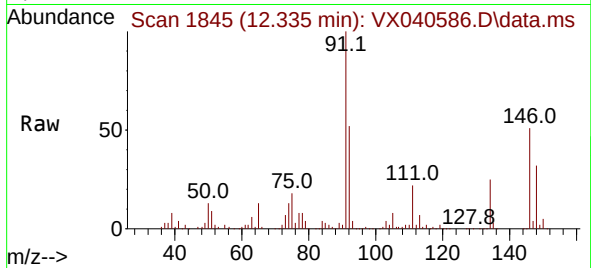
Tgt Ion:146 Resp: 49008
Ion Ratio Lower Upper
146 100
111 41.6 21.4 64.2
148 63.1 31.8 95.4





#85
n-Butylbenzene
Concen: 21.661 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

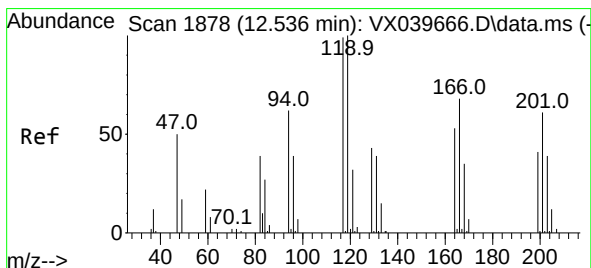
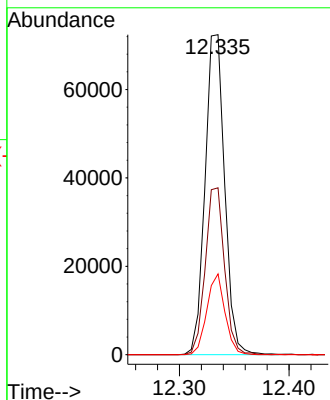
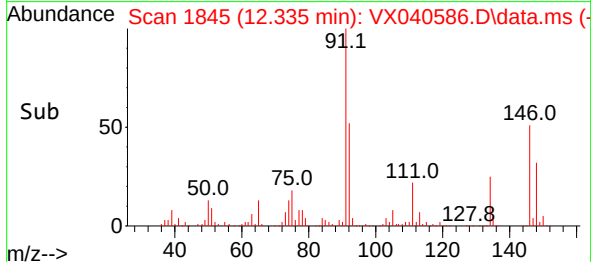
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion: 91 Resp: 90090
Ion Ratio Lower Upper
91 100
92 51.2 0.0 106.2
134 23.3 0.0 48.8

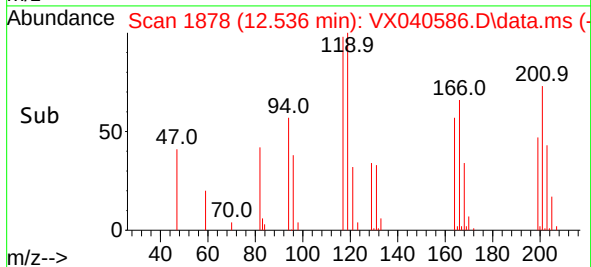
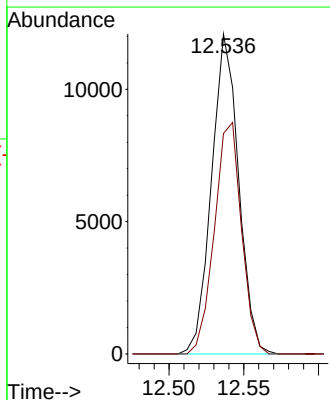
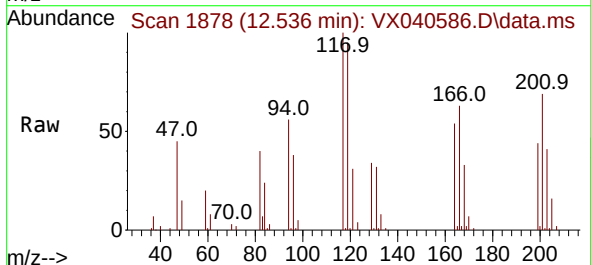
Manual Integrations
APPROVED

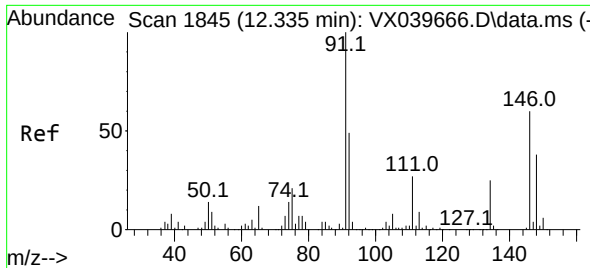
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#86
Hexachloroethane
Concen: 20.403 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

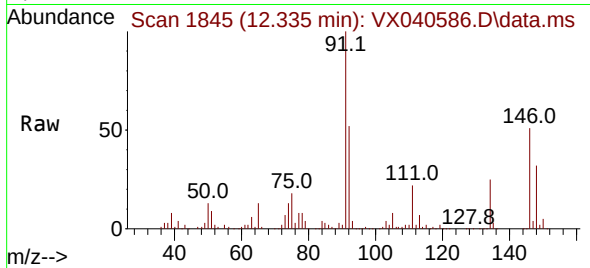
Tgt Ion:117 Resp: 15217
Ion Ratio Lower Upper
117 100
201 72.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 21.639 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

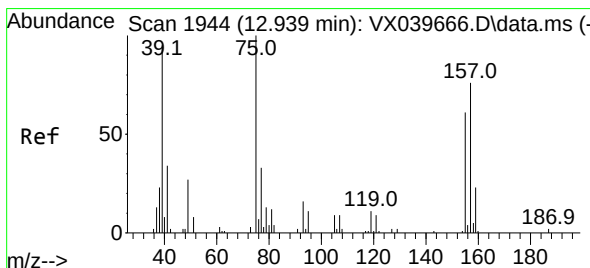
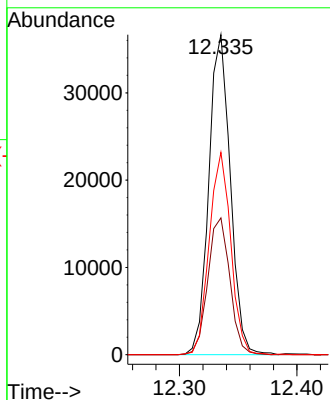
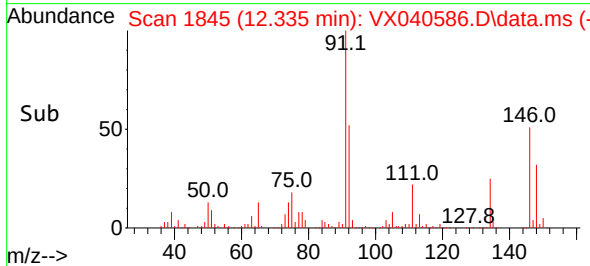
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



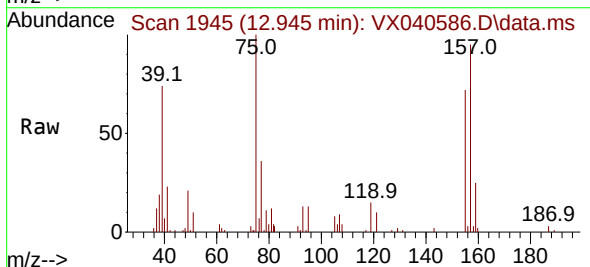
Tgt Ion:146 Resp: 4662
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.2
148 62.5 31.9 95.7

Manual Integrations
APPROVED

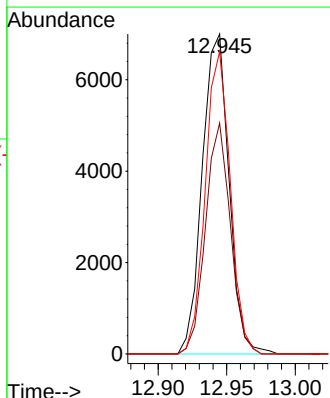
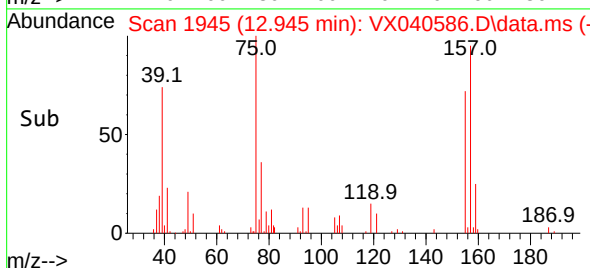
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

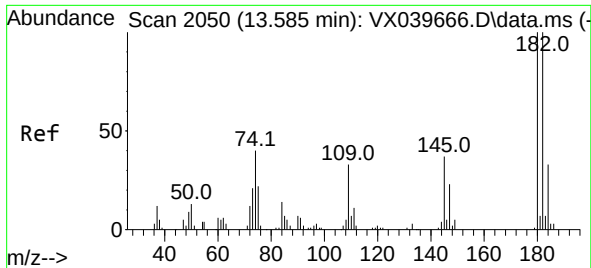


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.066 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03



Tgt Ion: 75 Resp: 9505
Ion Ratio Lower Upper
75 100
155 67.2 58.2 87.4
157 88.2 76.5 114.7





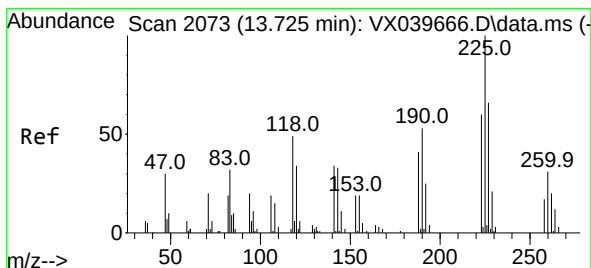
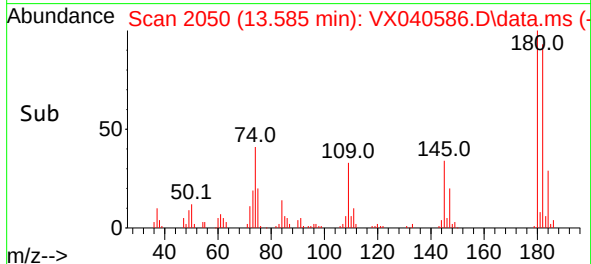
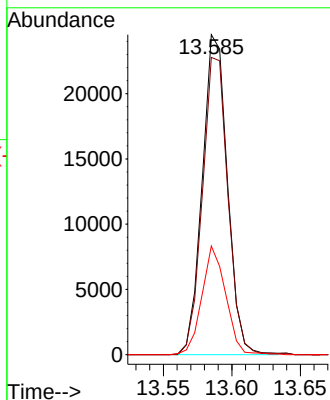
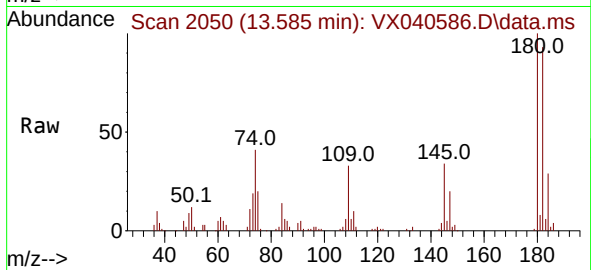
#89
1,2,4-Trichlorobenzene
Concen: 21.584 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tgt Ion:180 Resp: 3131
Ion Ratio Lower Upper
180 100
182 94.1 74.5 111.7
145 32.0 26.6 40.0

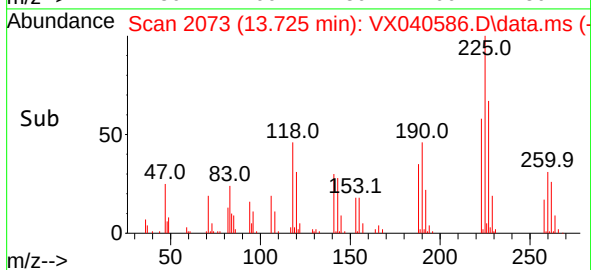
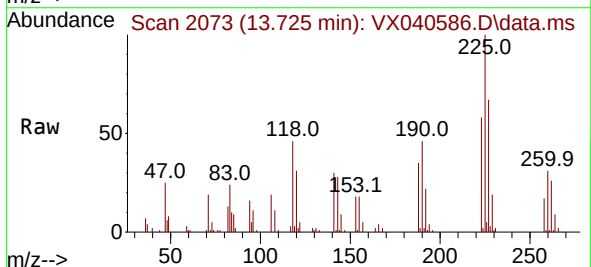
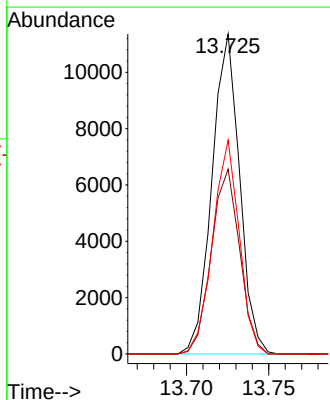
Manual Integrations
APPROVED

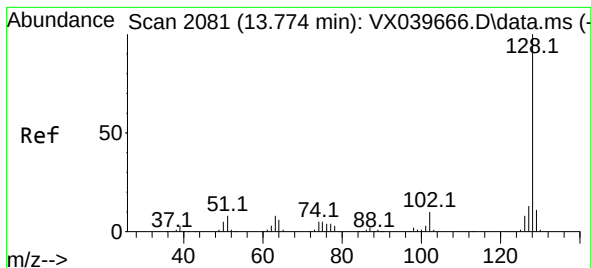
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#90
Hexachlorobutadiene
Concen: 22.634 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

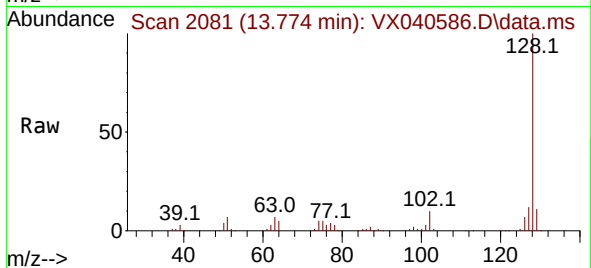
Tgt Ion:225 Resp: 13277
Ion Ratio Lower Upper
225 100
223 59.3 0.0 124.4
227 64.1 0.0 124.4





#91
Naphthalene
Concen: 20.905 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

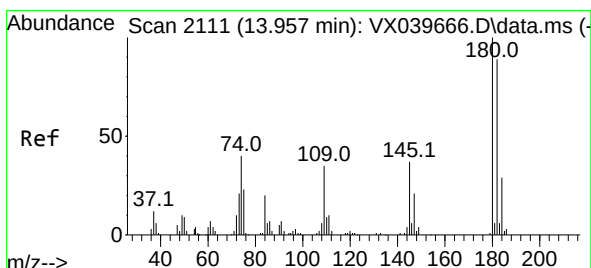
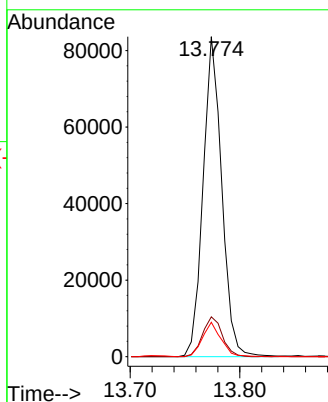
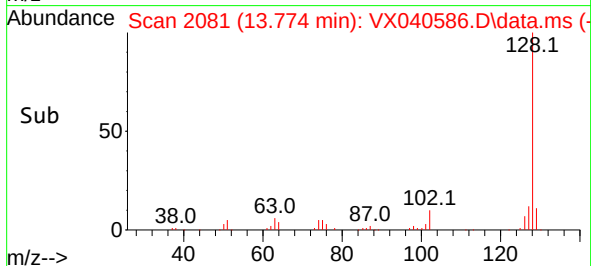
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01



Tgt Ion:128 Resp: 9892
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#92
1,2,3-Trichlorobenzene
Concen: 21.870 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040586.D
Acq: 05 Mar 2024 14:03

Tgt Ion:180 Resp: 31284
Ion Ratio Lower Upper
180 100
182 94.7 0.0 191.6
145 33.9 0.0 69.6

