

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039873.D
 Acq On : 22 Jan 2024 11:13
 Operator : JC/MD
 Sample : VX0122WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 00:13:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66814	51.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.540%			
35) Dibromofluoromethane	5.379	113	49320	53.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.340%			
50) Toluene-d8	8.647	98	178346	51.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.900%			
62) 4-Bromofluorobenzene	11.079	95	72597	53.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17608	17.495	ug/l	98
3) Chloromethane	1.295	50	20355	17.709	ug/l	97
4) Vinyl Chloride	1.374	62	20009	18.445	ug/l	99
5) Bromomethane	1.605	94	13817	22.323	ug/l	98
6) Chloroethane	1.685	64	12962	21.019	ug/l	93
7) Trichlorofluoromethane	1.892	101	32403	20.707	ug/l	94
8) Diethyl Ether	2.130	74	12013	20.773	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	20539	21.171	ug/l	97
10) Methyl Iodide	2.453	142	21503	21.010	ug/l	95
11) Tert butyl alcohol	2.947	59	34408	101.435	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	18266	19.509	ug/l	94
13) Acrolein	2.233	56	21823	95.138	ug/l	96
14) Allyl chloride	2.666	41	35435	19.229	ug/l	97
15) Acrylonitrile	3.056	53	71437	101.952	ug/l	100
16) Acetone	2.374	43	72982	99.585	ug/l	94
17) Carbon Disulfide	2.514	76	51881	19.279	ug/l	99
18) Methyl Acetate	2.697	43	33195	21.650	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	70732	21.280	ug/l	100
20) Methylene Chloride	2.788	84	23670	21.353	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	20929	21.241	ug/l	94
22) Diisopropyl ether	3.758	45	73284	20.839	ug/l	97
23) Vinyl Acetate	3.715	43	345331	105.641	ug/l	100
24) 1,1-Dichloroethane	3.605	63	40553	20.961	ug/l	98
25) 2-Butanone	4.544	43	105094	99.788	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30258	19.487	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	24399	21.591	ug/l	95
28) Bromochloromethane	4.891	49	18513	21.111	ug/l	94
29) Tetrahydrofuran	4.995	42	66357	97.891	ug/l	99
30) Chloroform	5.093	83	40910	21.421	ug/l	97
31) Cyclohexane	5.471	56	32056	18.639	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	34158	20.891	ug/l	97
36) 1,1-Dichloropropene	5.684	75	30007	20.977	ug/l	98
37) Ethyl Acetate	4.702	43	37801	19.808	ug/l	99
38) Carbon Tetrachloride	5.678	117	28174	21.504	ug/l	97
39) Methylcyclohexane	7.379	83	34355	20.000	ug/l	99
40) Benzene	6.038	78	84678	20.905	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19633	21.038	ug/l	91
42) 1,2-Dichloroethane	6.086	62	35700	23.182	ug/l	99
43) Isopropyl Acetate	6.336	43	59124	21.120	ug/l	99
44) Trichloroethene	7.129	130	22009	22.171	ug/l	98
45) 1,2-Dichloropropane	7.428	63	23044	21.207	ug/l	99
46) Dibromomethane	7.580	93	17216	22.939	ug/l	98
47) Bromodichloromethane	7.818	83	32043	23.052	ug/l	96
48) Methyl methacrylate	7.690	41	28819	20.943	ug/l	91
49) 1,4-Dioxane	7.653	88	10806	405.845	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	207074	107.401	ug/l	98
52) Toluene	8.714	92	52887	21.860	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	32973	22.355	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	35468	21.869	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	23159	22.483	ug/l	96
56) Ethyl methacrylate	9.110	69	35954	21.566	ug/l #	94
57) 1,3-Dichloropropane	9.305	76	39383	22.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	72754	92.325	ug/l	98
59) 2-Hexanone	9.427	43	167040	109.467	ug/l	98
60) Dibromochloromethane	9.519	129	23392	24.080	ug/l	99
61) 1,2-Dibromoethane	9.604	107	24844	23.290	ug/l	100
64) Tetrachloroethene	9.269	164	17895	21.596	ug/l	95
65) Chlorobenzene	10.080	112	57550	21.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20967	23.202	ug/l	98
67) Ethyl Benzene	10.189	91	104804	21.271	ug/l	95
68) m/p-Xylenes	10.299	106	78684	43.423	ug/l	95
69) o-Xylene	10.640	106	38285	21.335	ug/l	96
70) Styrene	10.653	104	64236	21.913	ug/l	99
71) Bromoform	10.799	173	15445	22.762	ug/l #	99
73) Isopropylbenzene	10.964	105	101718	20.108	ug/l	99
74) N-amyl acetate	10.842	43	52607	19.951	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	38740	20.055	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33897m	20.578	ug/l	
77) Bromobenzene	11.195	156	23013	20.432	ug/l	93
78) n-propylbenzene	11.299	91	126190	20.610	ug/l	97
79) 2-Chlorotoluene	11.360	91	74986	19.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88823	20.674	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9473	18.916	ug/l	95
82) 4-Chlorotoluene	11.451	91	88986	20.731	ug/l	98
83) tert-Butylbenzene	11.713	119	85968	20.959	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89875	20.968	ug/l	100
85) sec-Butylbenzene	11.890	105	113058	21.233	ug/l	99
86) p-Isopropyltoluene	12.006	119	90785	21.333	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	45695	21.164	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	46566	20.882	ug/l	98
89) n-Butylbenzene	12.329	91	87473	21.282	ug/l	97
90) Hexachloroethane	12.536	117	14199	19.778	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	44825	21.000	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9130	19.288	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	28504	21.852	ug/l	96
94) Hexachlorobutadiene	13.725	225	12126	22.363	ug/l	97
95) Naphthalene	13.774	128	98018	20.412	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	28073	21.324	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

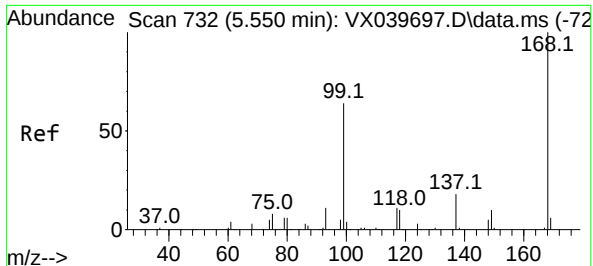
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

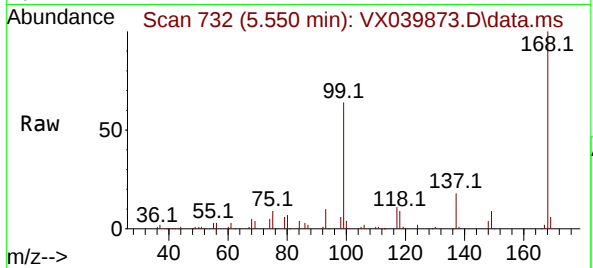
Quant Time: Jan 23 00:13:16 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

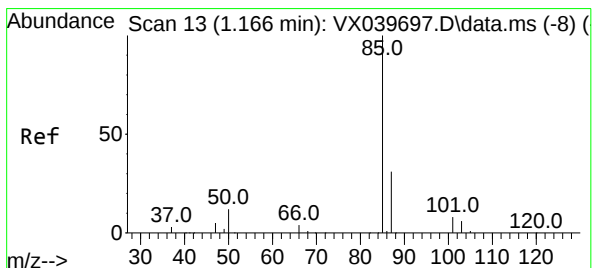
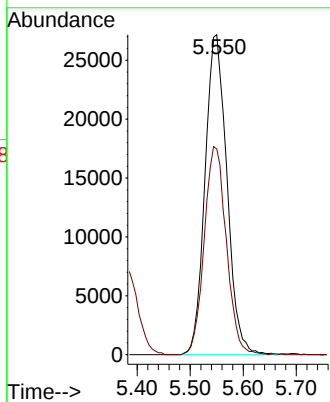
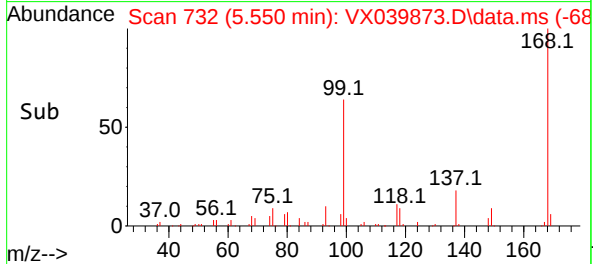
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion:168 Resp: 7779
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0

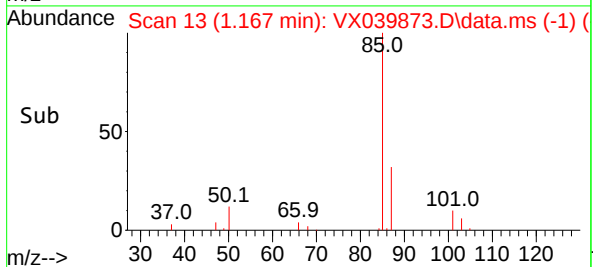
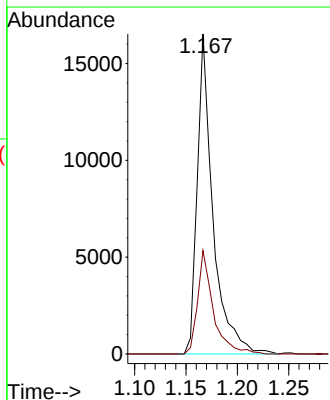
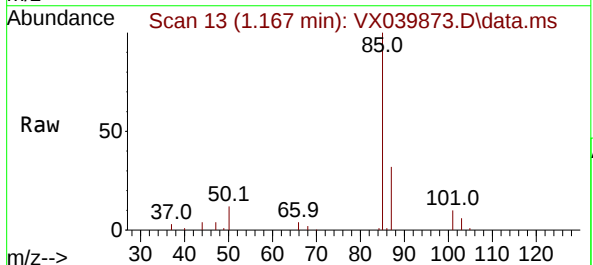
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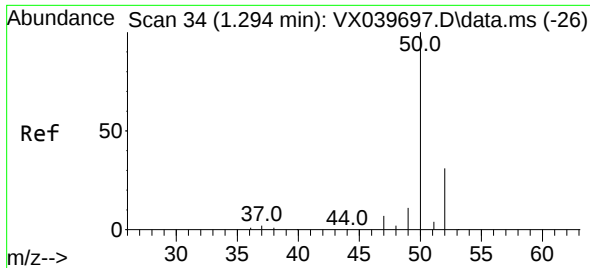
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#2
Dichlorodifluoromethane
Concen: 17.495 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 85 Resp: 17608
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





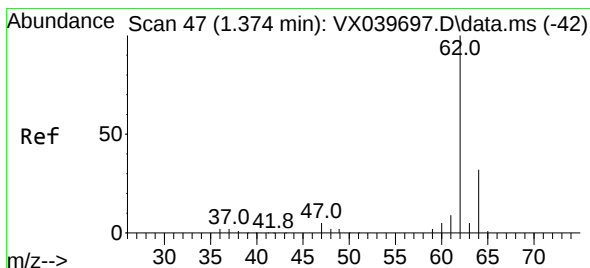
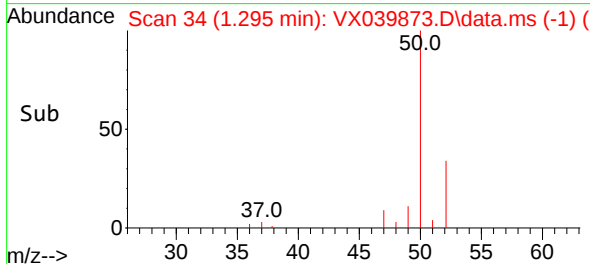
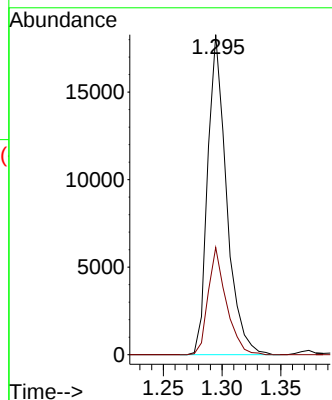
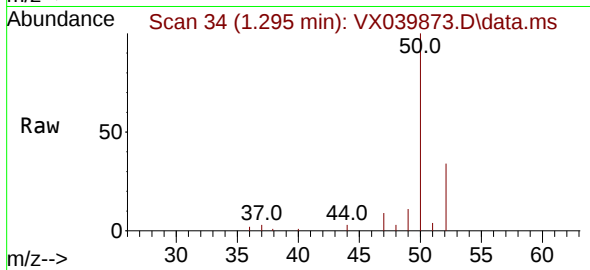
#3
Chloromethane
Concen: 17.709 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
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ClientSampleId :
VX0122WBSD01

Tgt Ion: 50 Resp: 2035
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

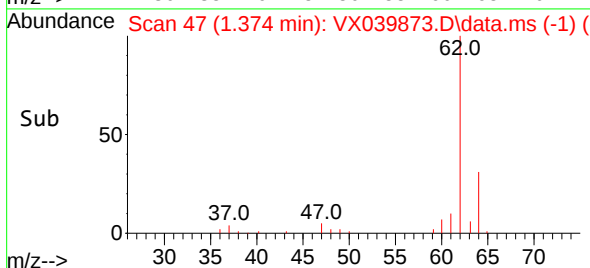
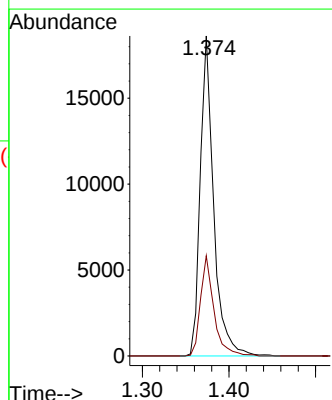
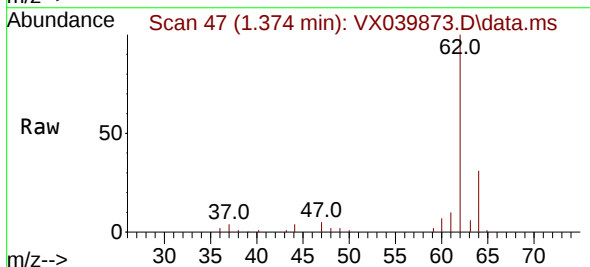
Manual Integrations
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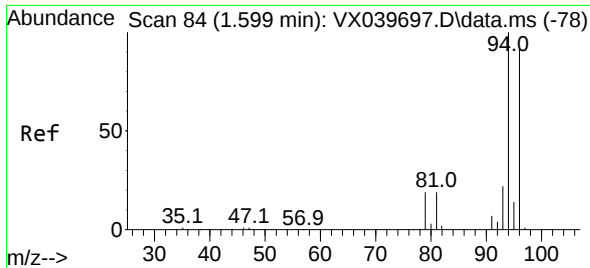
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#4
Vinyl Chloride
Concen: 18.445 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

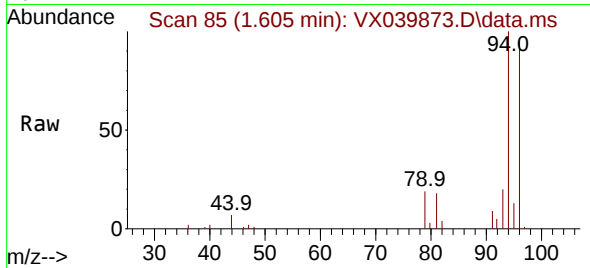
Tgt Ion: 62 Resp: 20009
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 22.323 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

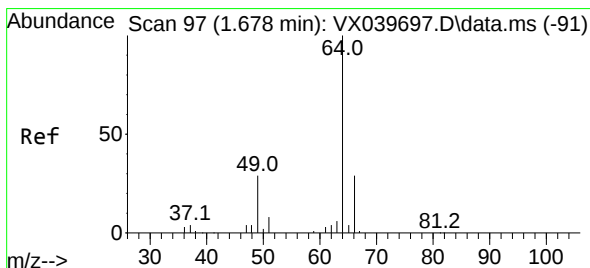
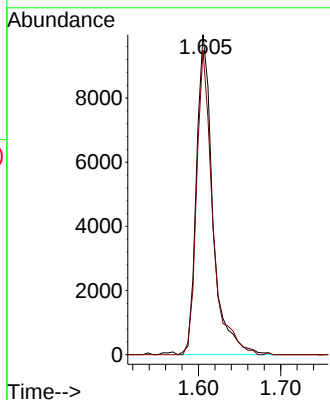
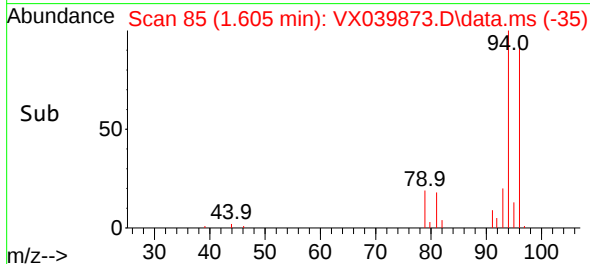
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 1381
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8

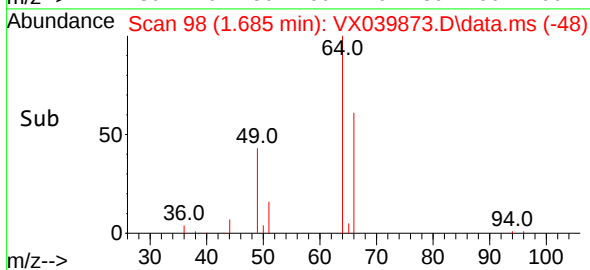
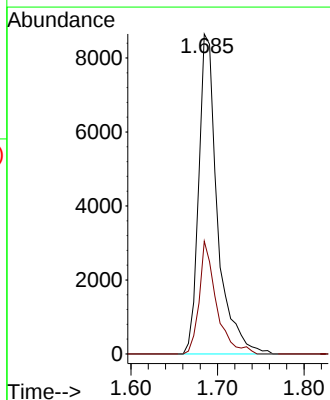
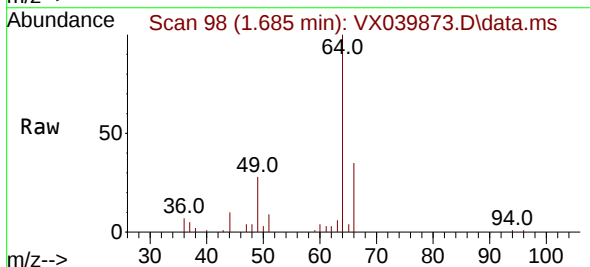
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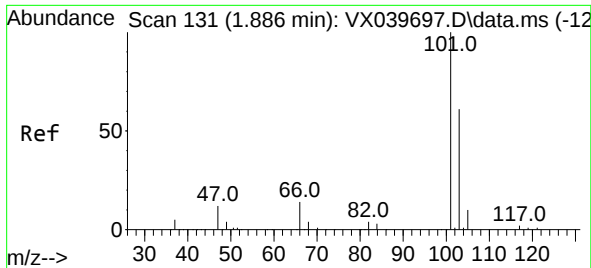
Reviewed By :John Carlone 01/23/2024
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#6
Chloroethane
Concen: 21.019 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039873.D
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Tgt Ion: 64 Resp: 12962
Ion Ratio Lower Upper
64 100
66 35.3 25.1 37.7





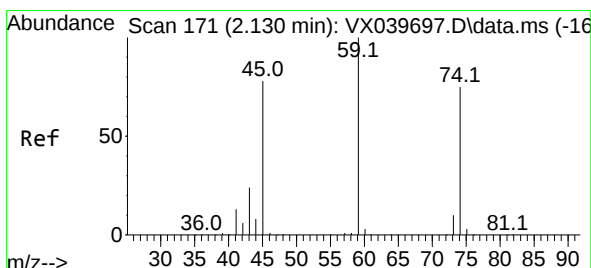
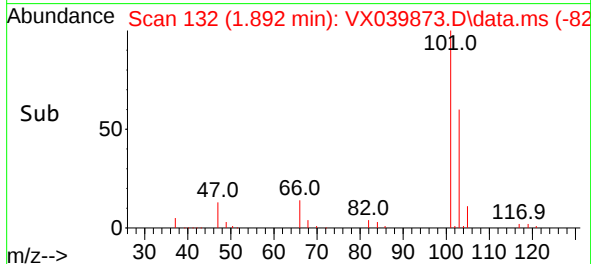
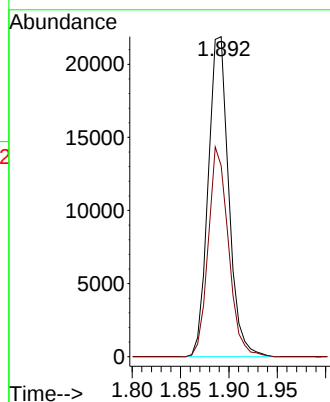
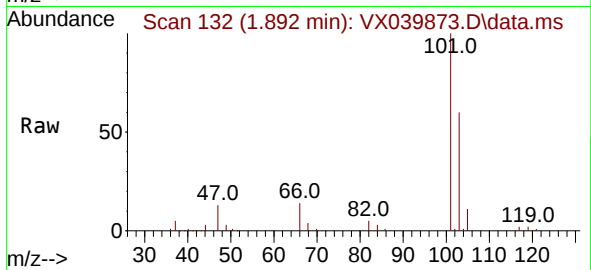
#7
Trichlorofluoromethane
Concen: 20.707 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion:101 Resp: 3240
Ion Ratio Lower Upper
101 100
103 59.6 51.4 77.2

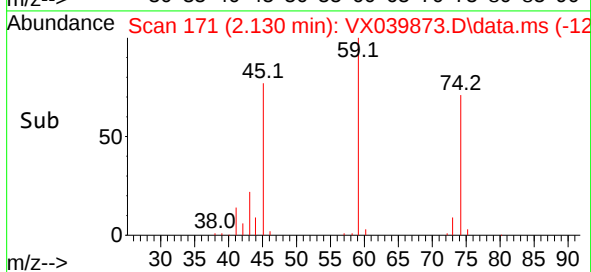
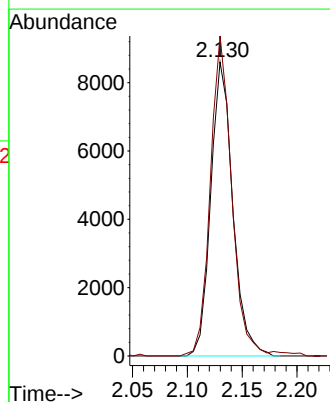
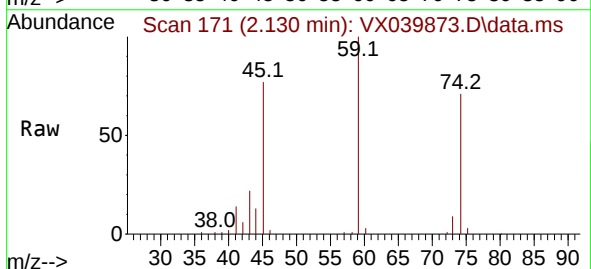
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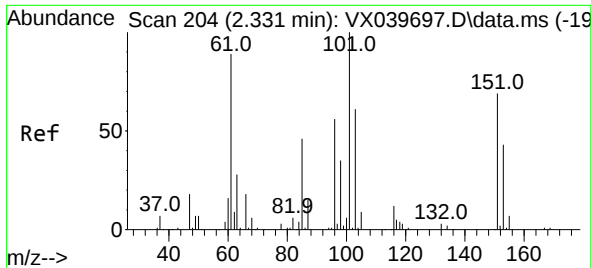
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#8
Diethyl Ether
Concen: 20.773 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 74 Resp: 12013
Ion Ratio Lower Upper
74 100
45 106.7 53.3 159.8





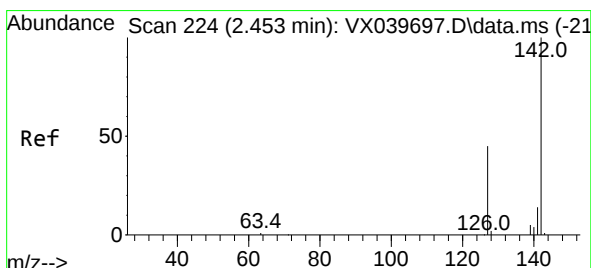
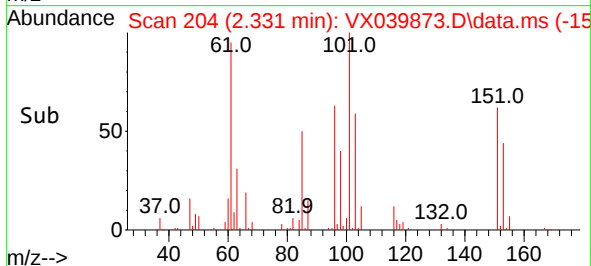
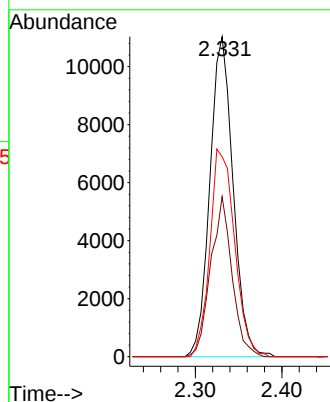
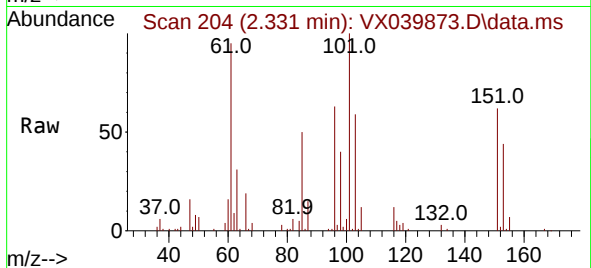
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.171 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion:101 Resp: 20539
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 69.1 58.6 87.8

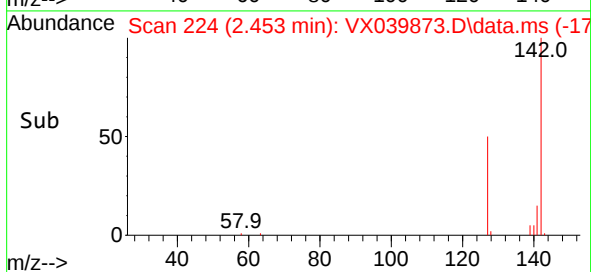
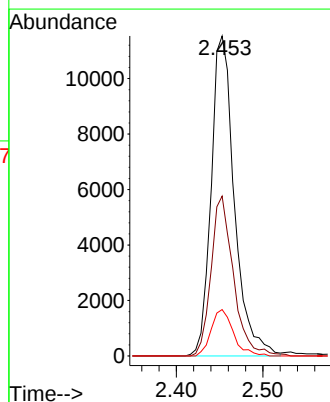
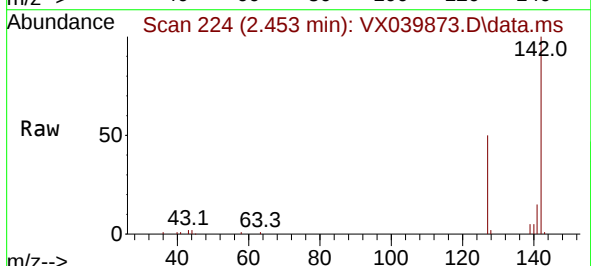
Manual Integrations
APPROVED

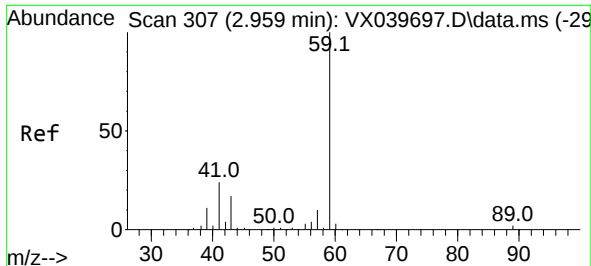
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#10
Methyl Iodide
Concen: 21.010 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

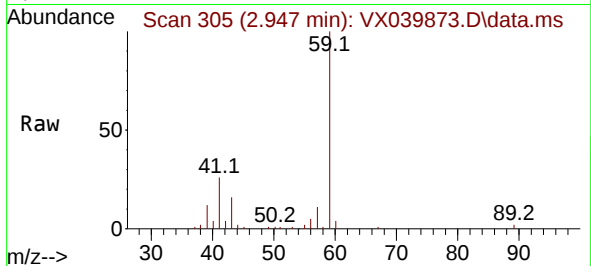
Tgt Ion:142 Resp: 21503
Ion Ratio Lower Upper
142 100
127 48.2 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 101.435 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

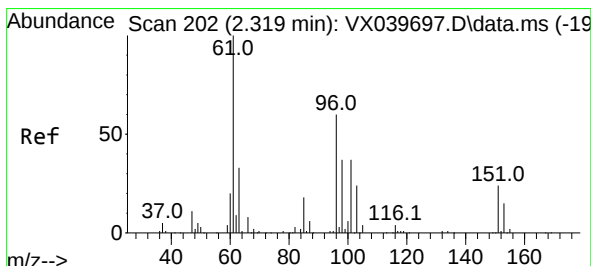
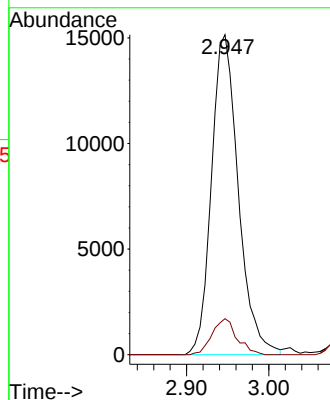
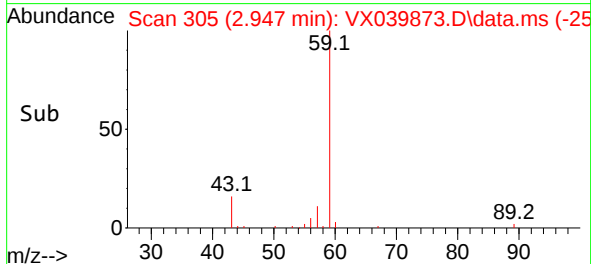
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



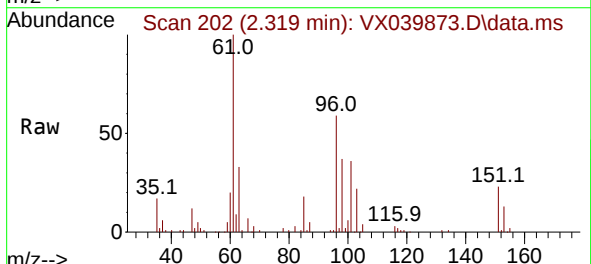
Tgt Ion: 59 Resp: 34408
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

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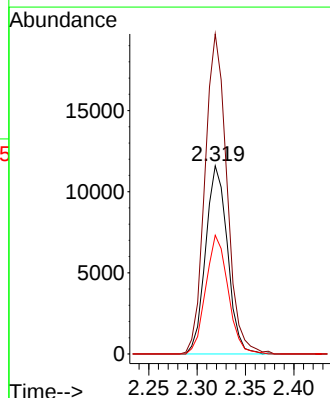
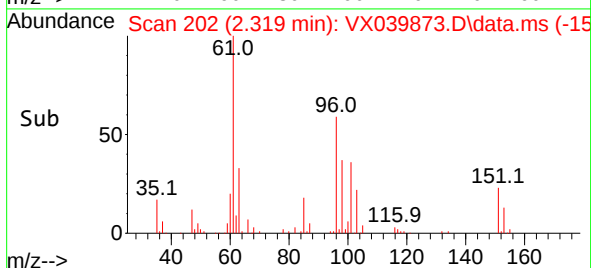
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#12
1,1-Dichloroethene
Concen: 19.509 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



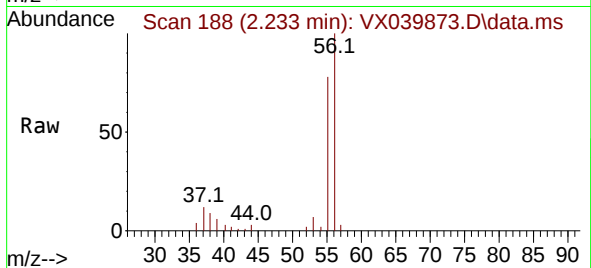
Tgt Ion: 96 Resp: 18266
Ion Ratio Lower Upper
96 100
61 170.1 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 95.138 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

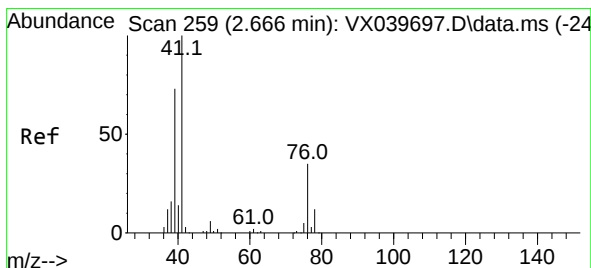
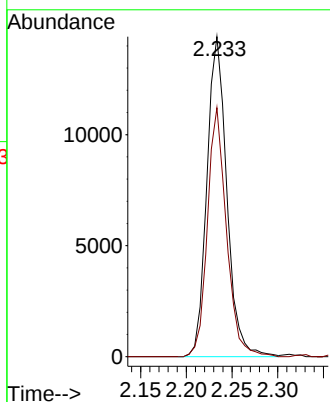
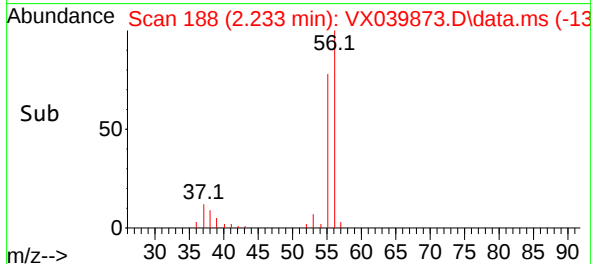
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 56 Resp: 2182
Ion Ratio Lower Upper
56 100
55 74.4 57.1 85.7

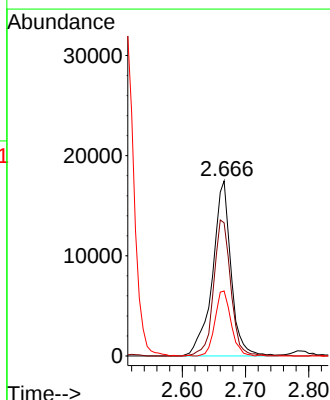
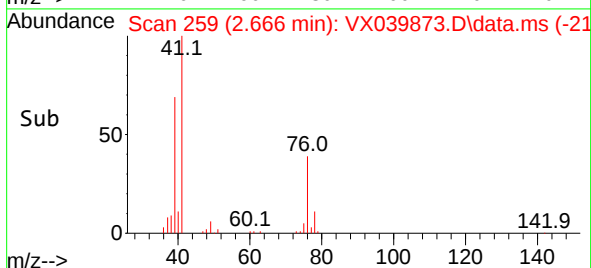
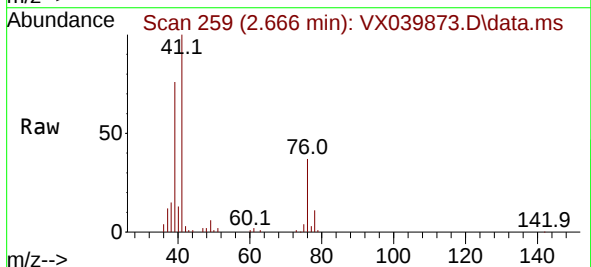
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#14
Allyl chloride
Concen: 19.229 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

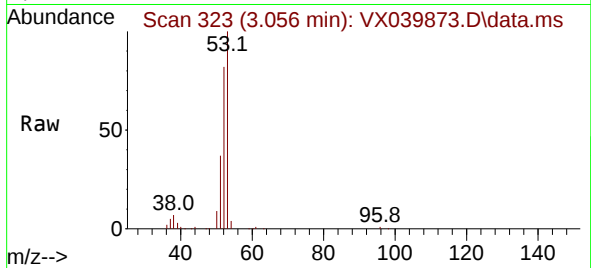
Tgt Ion: 41 Resp: 35435
Ion Ratio Lower Upper
41 100
39 71.8 55.8 83.6
76 32.2 24.3 36.5





#15
Acrylonitrile
Concen: 101.952 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

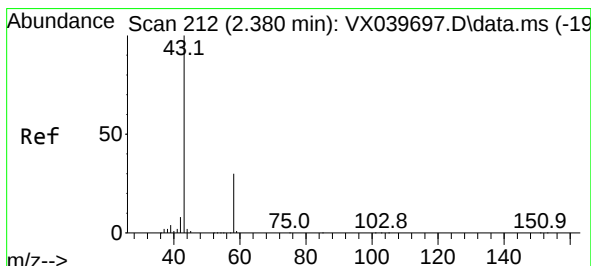
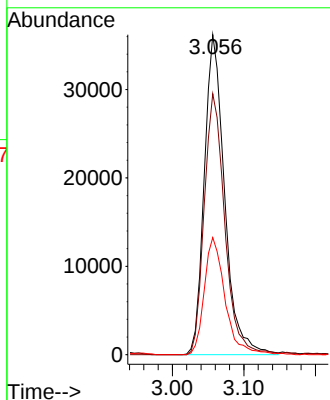
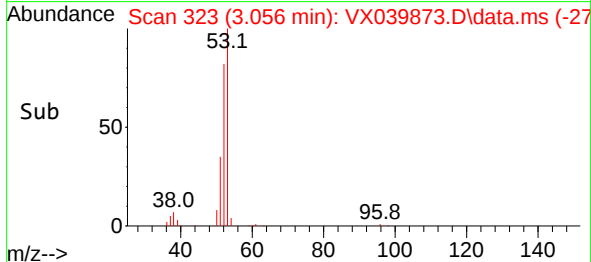
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 53 Resp: 7143
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 37.6 29.8 44.6

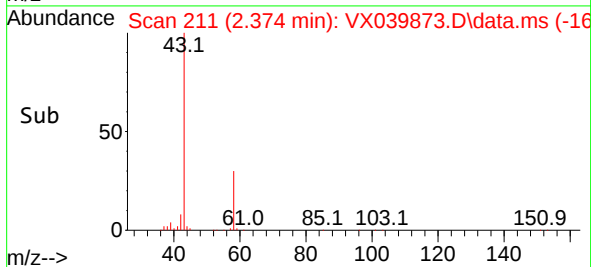
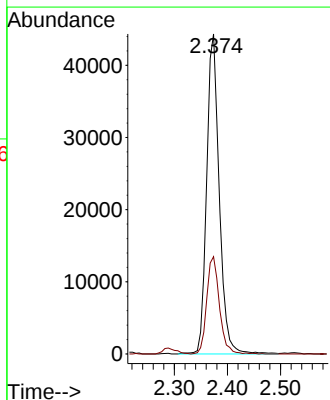
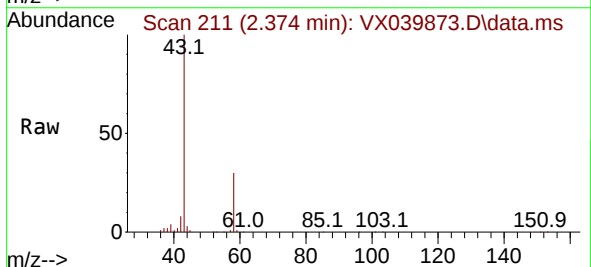
Manual Integrations
APPROVED

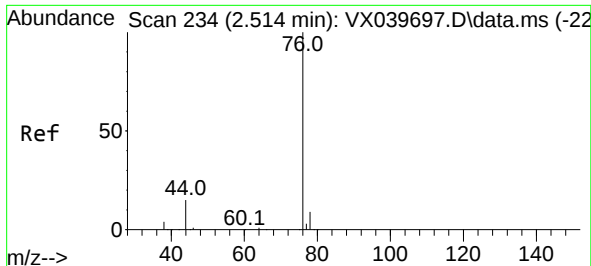
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#16
Acetone
Concen: 99.585 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

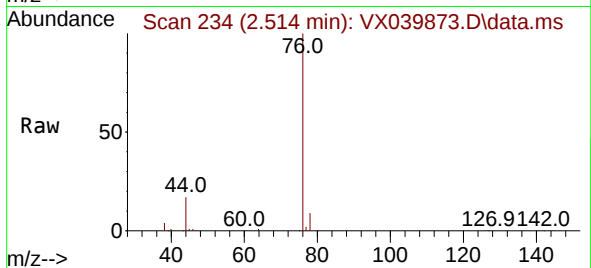
Tgt Ion: 43 Resp: 72982
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#17
Carbon Disulfide
Concen: 19.279 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

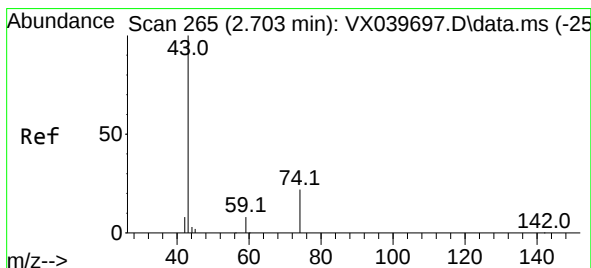
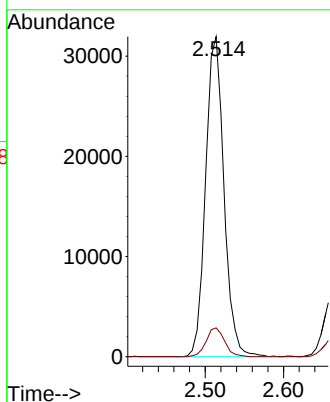
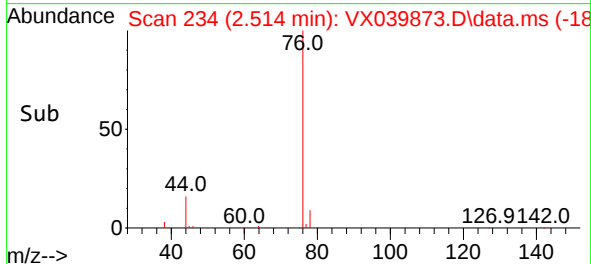
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



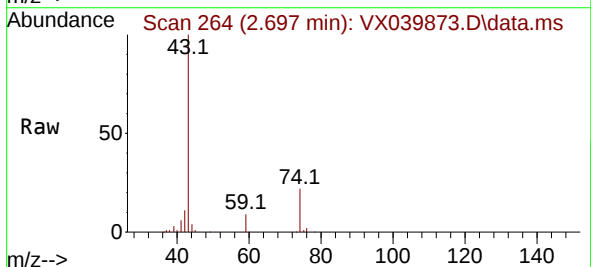
Tgt Ion: 76 Resp: 5188
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

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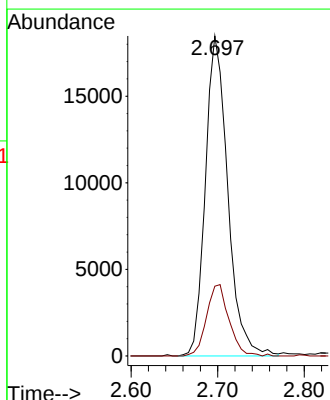
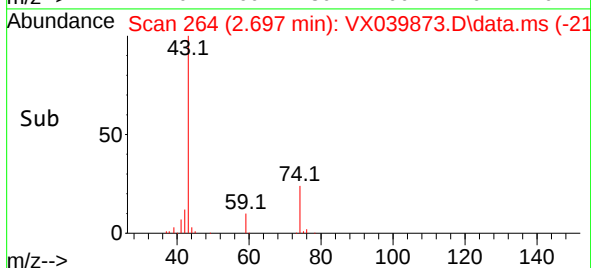
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

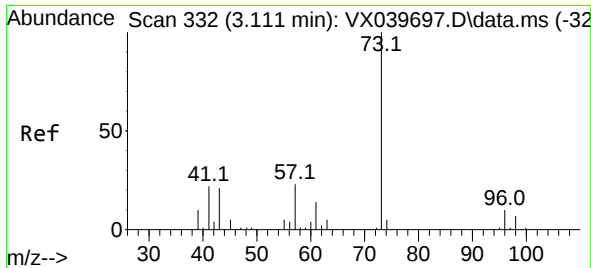


#18
Methyl Acetate
Concen: 21.650 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion: 43 Resp: 33195
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





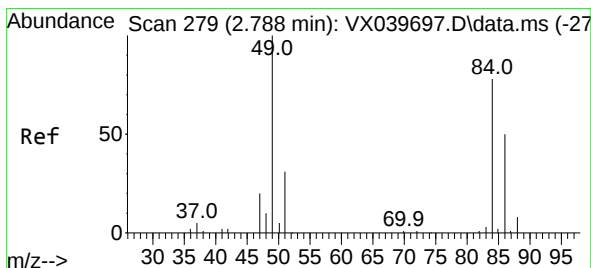
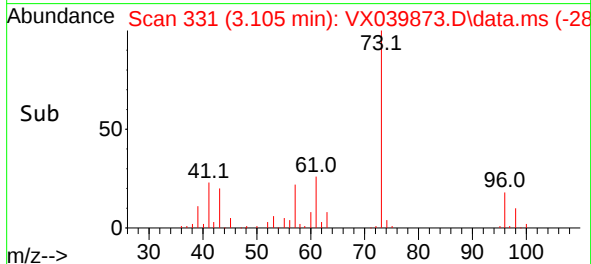
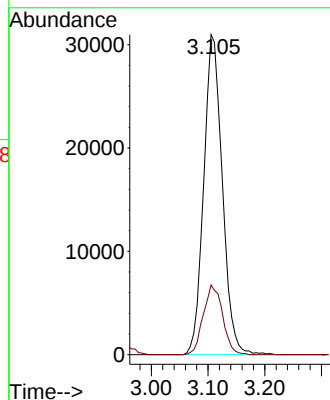
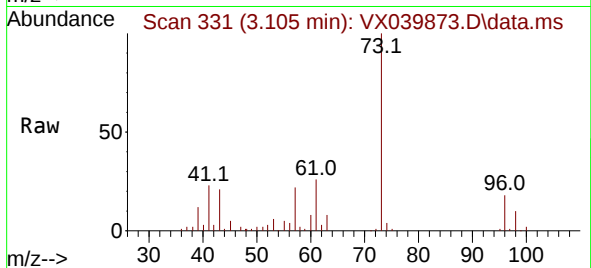
#19
Methyl tert-butyl Ether
Concen: 21.280 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 73 Resp: 70732
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

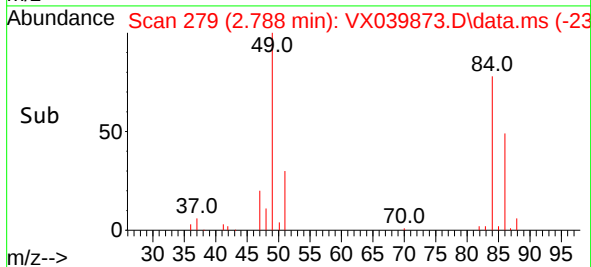
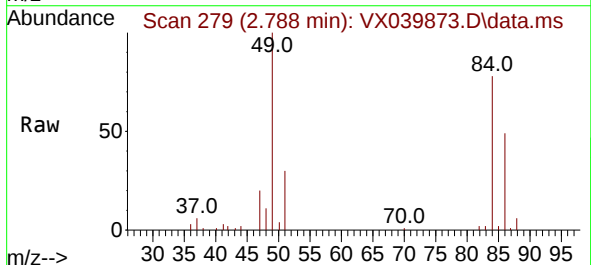
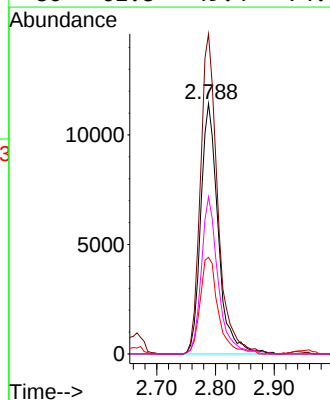
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#20
Methylene Chloride
Concen: 21.353 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

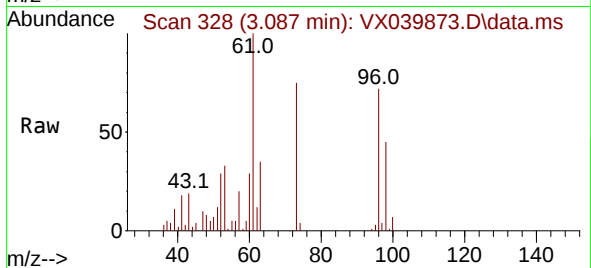
Tgt Ion: 84 Resp: 23670
Ion Ratio Lower Upper
84 100
49 127.8 103.6 155.4
51 38.6 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 21.241 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

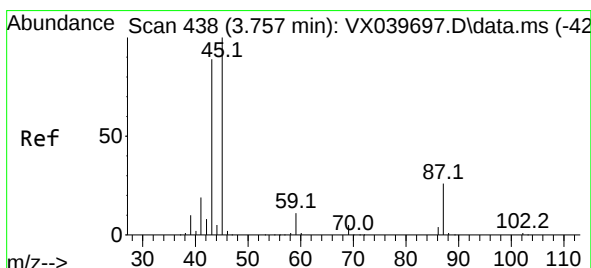
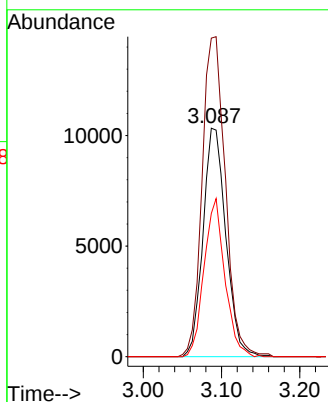
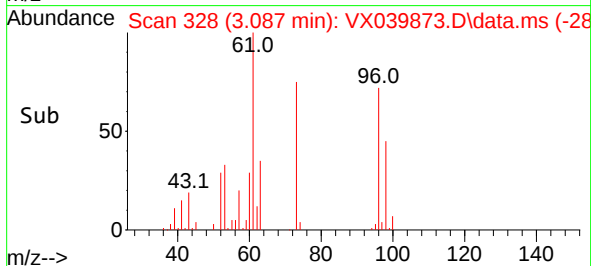
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 96 Resp: 20929
Ion Ratio Lower Upper
96 100
61 139.5 119.2 178.8
98 62.7 48.7 73.1

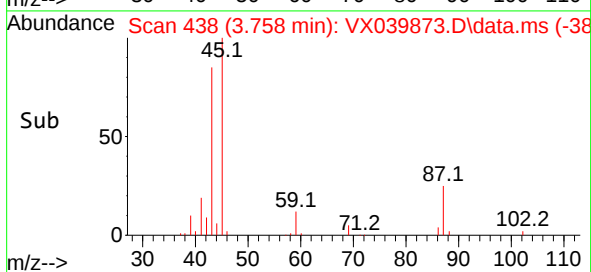
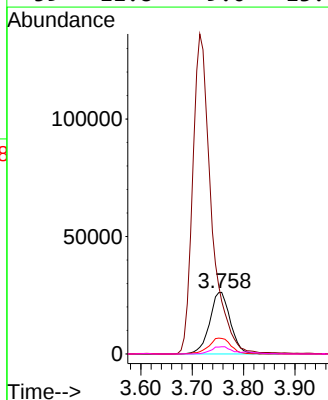
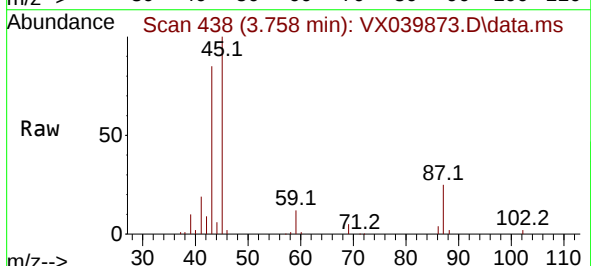
Manual Integrations
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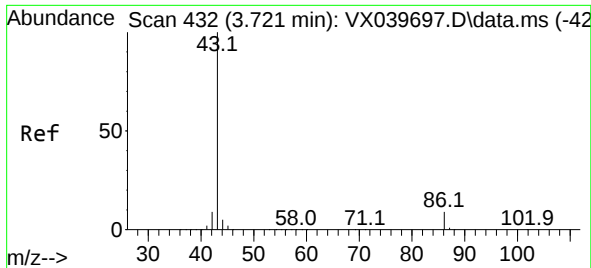
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#22
Diisopropyl ether
Concen: 20.839 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 45 Resp: 73284
Ion Ratio Lower Upper
45 100
43 84.3 69.7 104.5
87 25.2 20.8 31.2
59 11.8 9.0 13.4





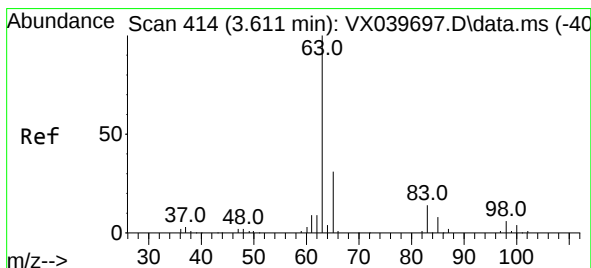
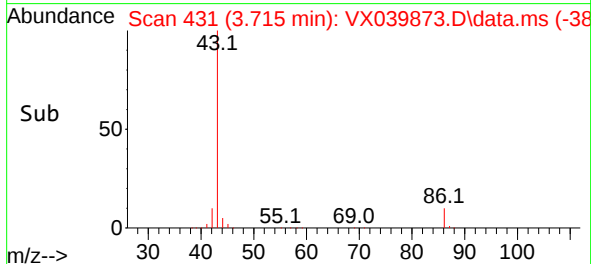
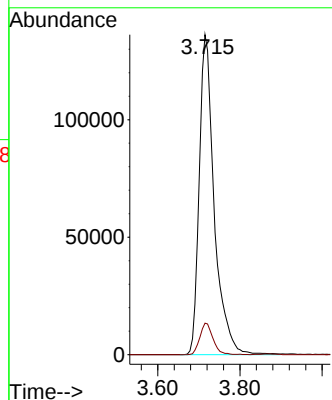
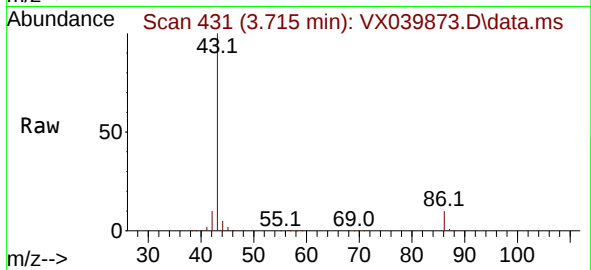
#23
 Vinyl Acetate
 Concen: 105.641 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039873.D
 Acq: 22 Jan 2024 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBSD01

Tgt Ion: 43 Resp: 34533
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

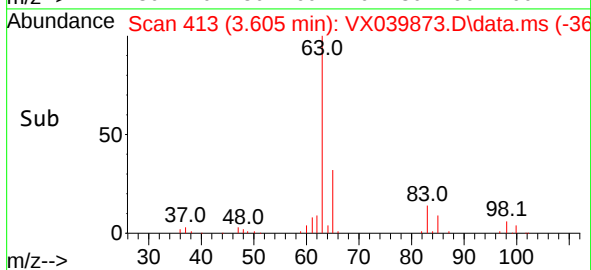
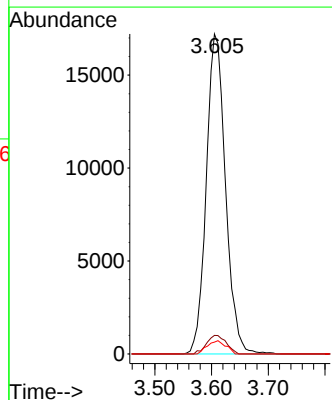
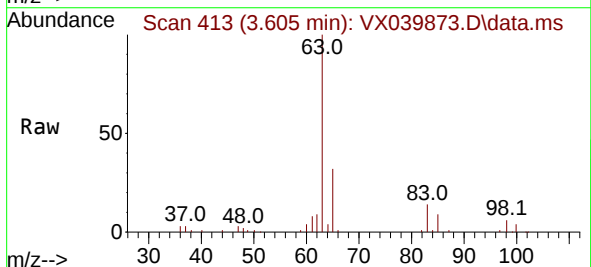
Manual Integrations
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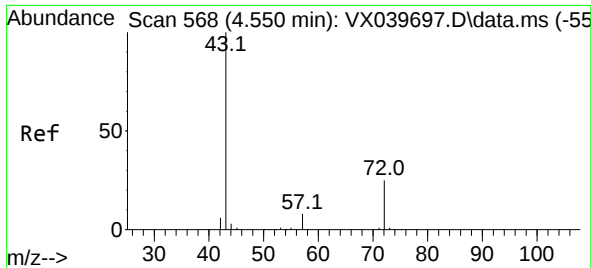
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024



#24
 1,1-Dichloroethane
 Concen: 20.961 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039873.D
 Acq: 22 Jan 2024 11:13

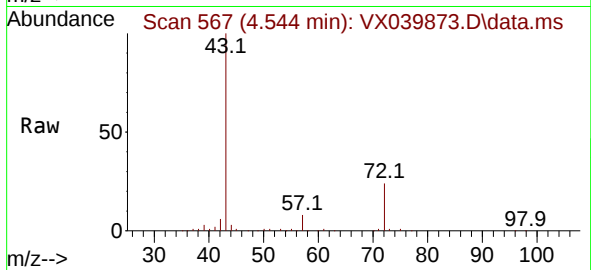
Tgt Ion: 63 Resp: 40553
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 99.788 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

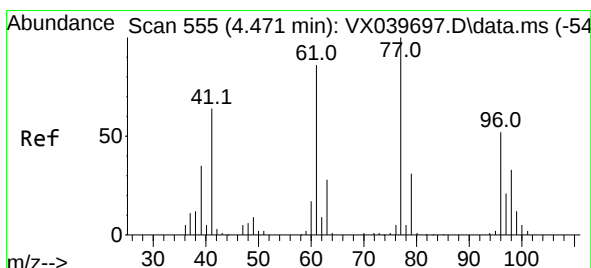
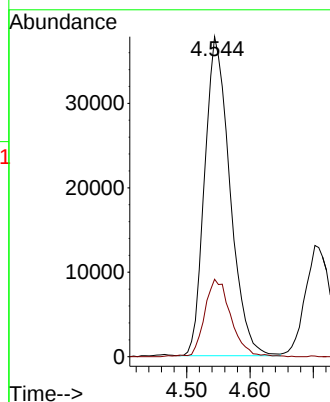
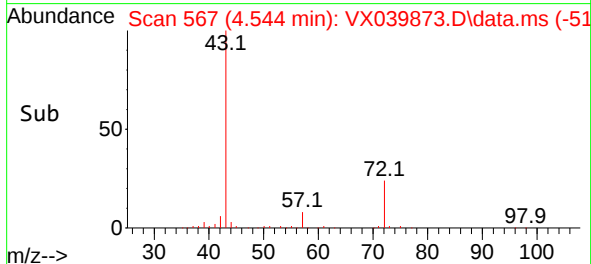
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 43 Resp: 105094
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2

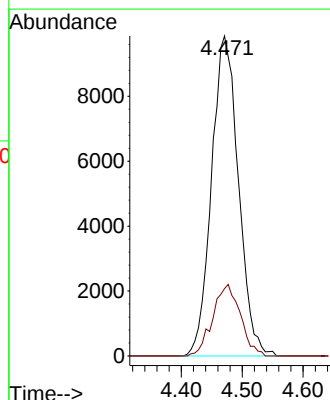
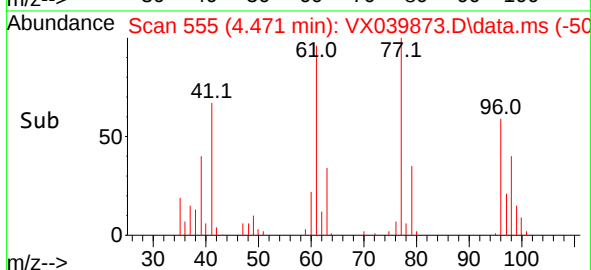
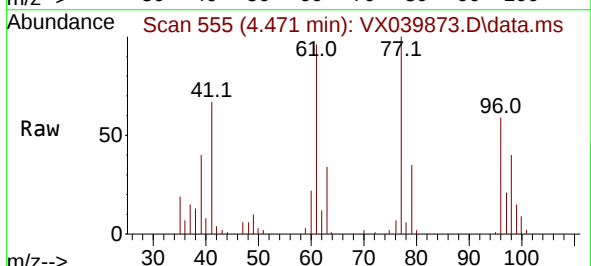
Manual Integrations
APPROVED

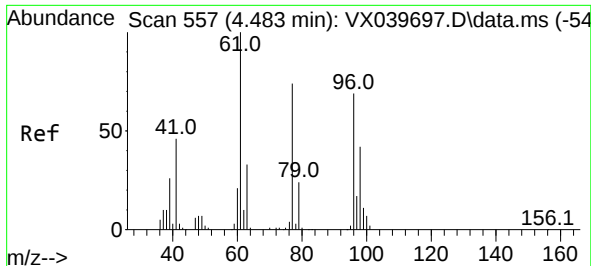
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#26
2,2-Dichloropropane
Concen: 19.487 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 77 Resp: 30258
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.591 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion: 96 Resp: 2439

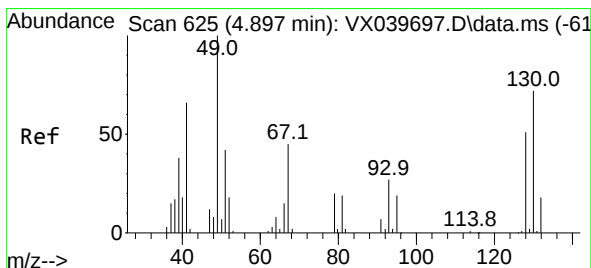
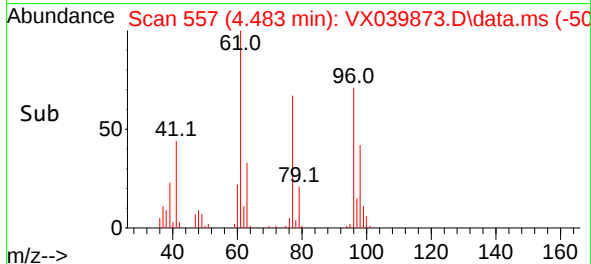
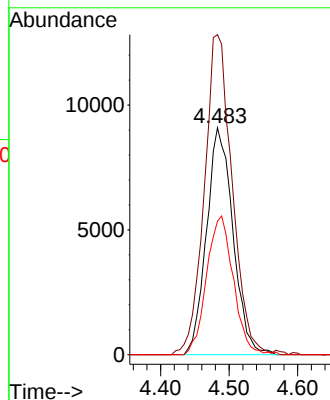
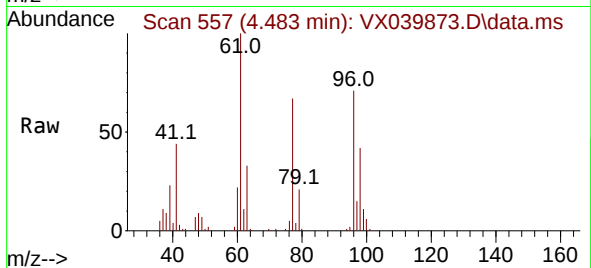
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	312.2
98	61.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#28

Bromochloromethane

Concen: 21.111 ug/l

RT: 4.891 min Scan# 624

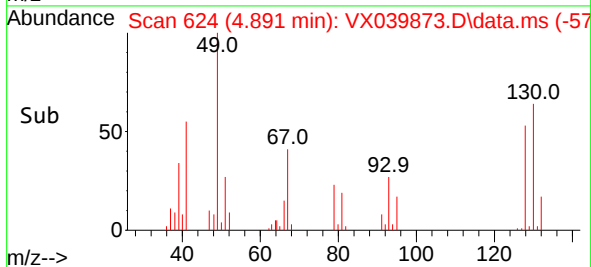
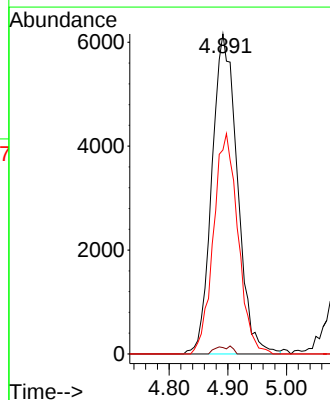
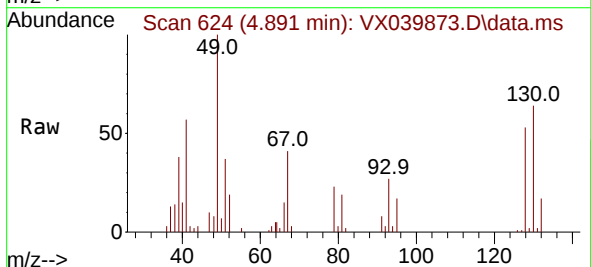
Delta R.T. -0.006 min

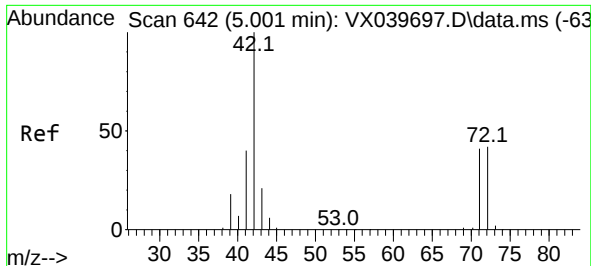
Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion: 49 Resp: 18513

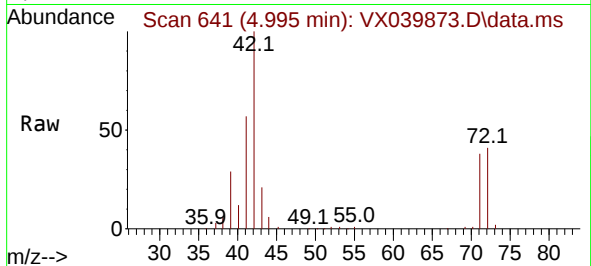
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	66.4	57.5	86.3





#29
Tetrahydrofuran
Concen: 97.891 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

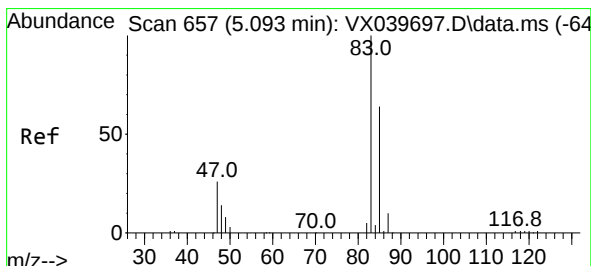
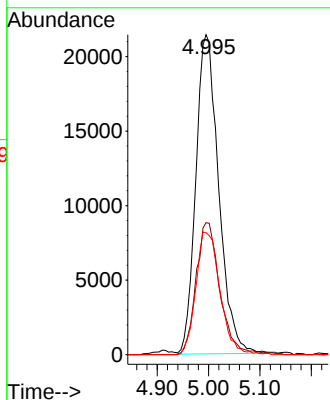
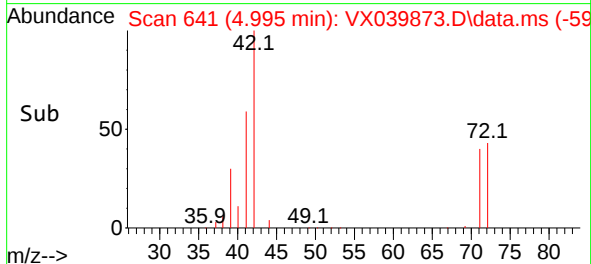
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 42 Resp: 6635
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 40.5 32.2 48.2

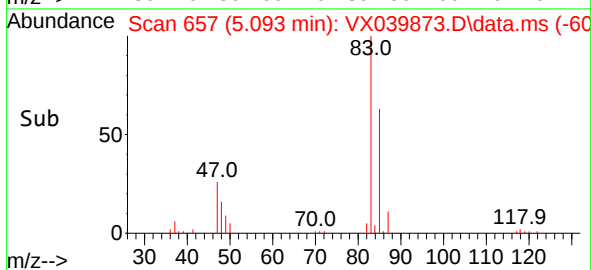
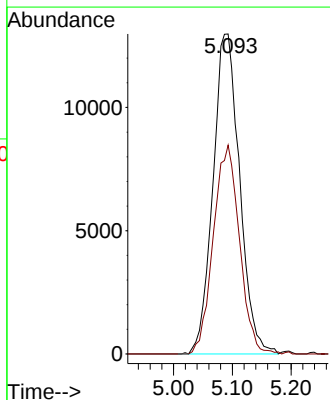
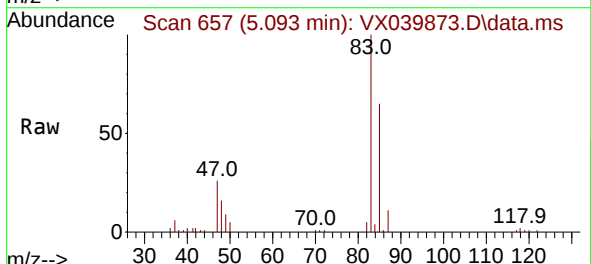
Manual Integrations
APPROVED

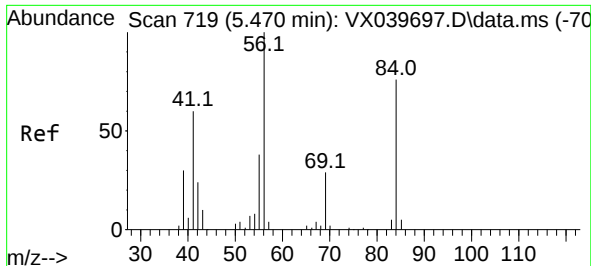
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#30
Chloroform
Concen: 21.421 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

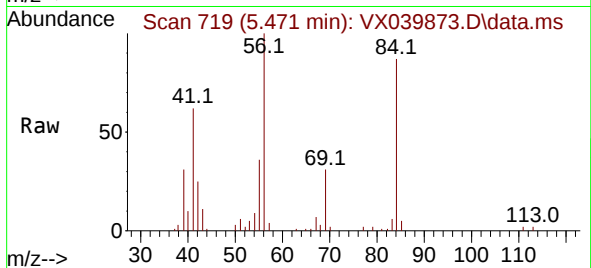
Tgt Ion: 83 Resp: 40910
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 18.639 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

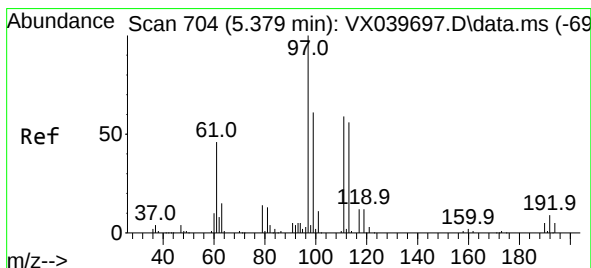
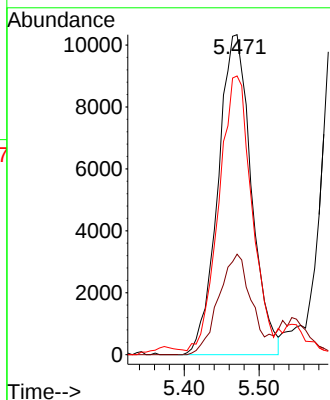
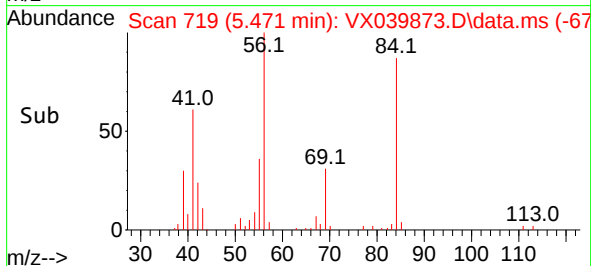
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 56 Resp: 3205
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 85.4 65.9 98.9

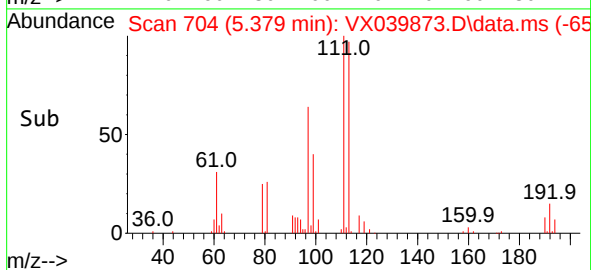
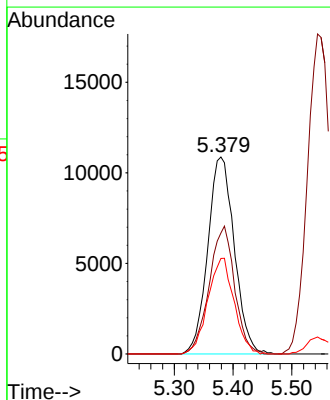
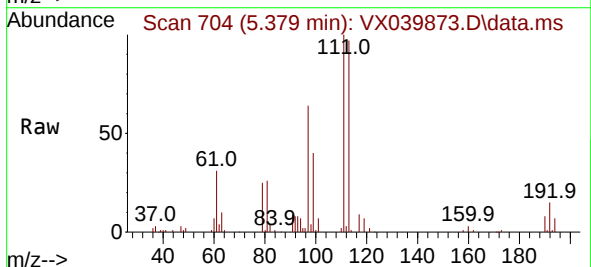
Manual Integrations
APPROVED

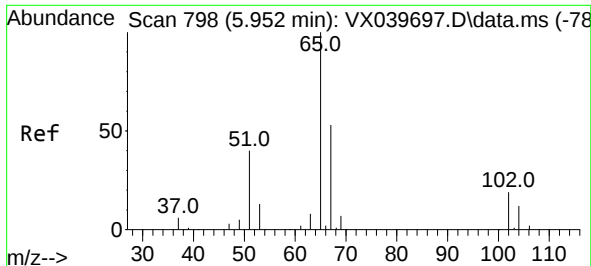
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#32
1,1,1-Trichloroethane
Concen: 20.891 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 97 Resp: 34158
Ion Ratio Lower Upper
97 100
99 62.0 51.1 76.7
61 47.9 36.4 54.6





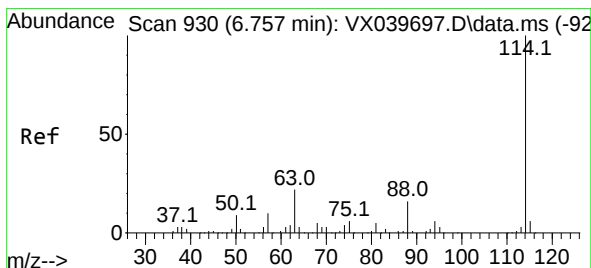
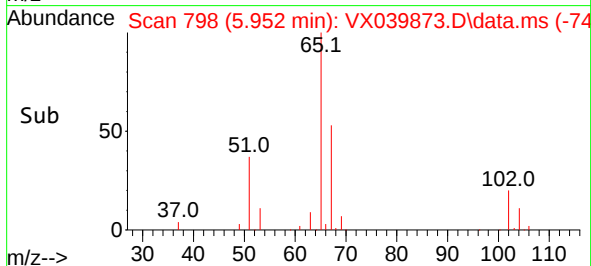
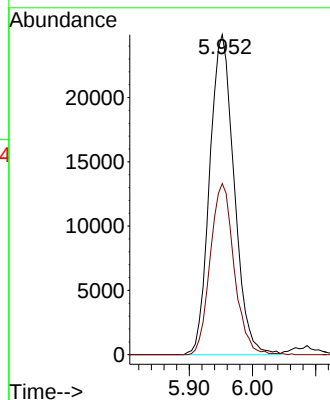
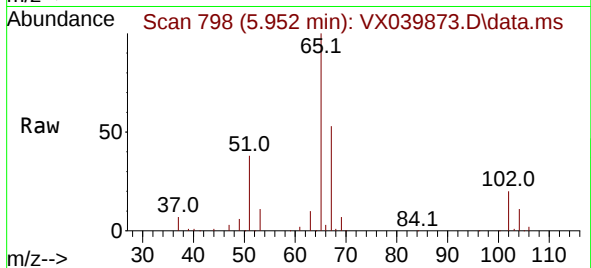
#33
 1,2-Dichloroethane-d4
 Concen: 51.273 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039873.D
 Acq: 22 Jan 2024 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBSD01

Tgt Ion: 65 Resp: 66814
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2

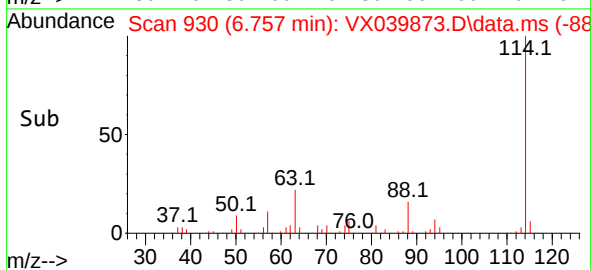
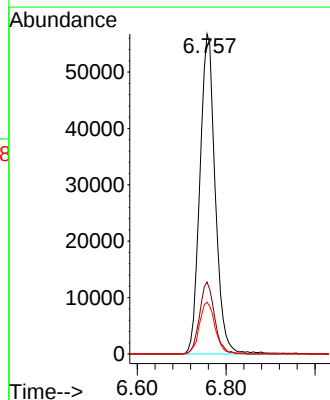
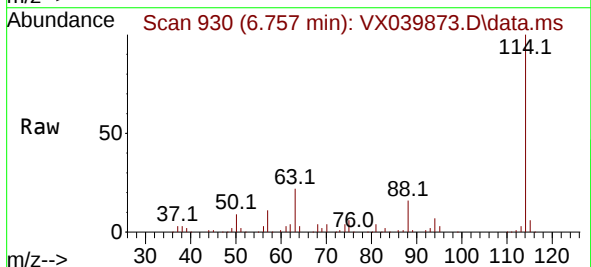
Manual Integrations
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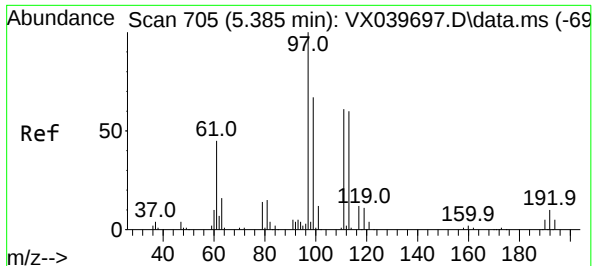
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX039873.D
 Acq: 22 Jan 2024 11:13

Tgt Ion:114 Resp: 136444
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.666 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

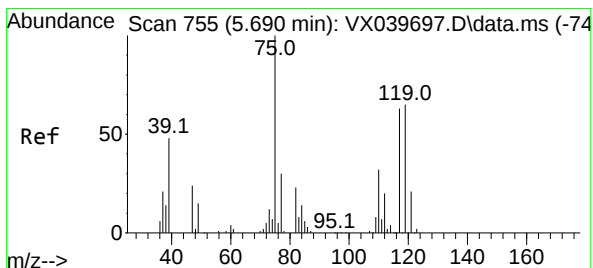
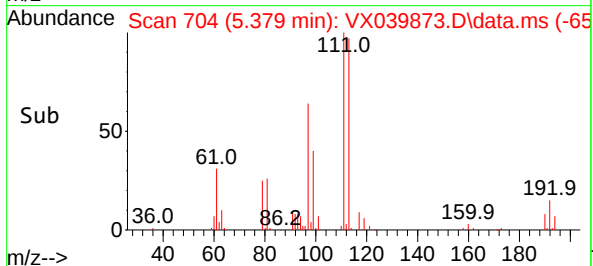
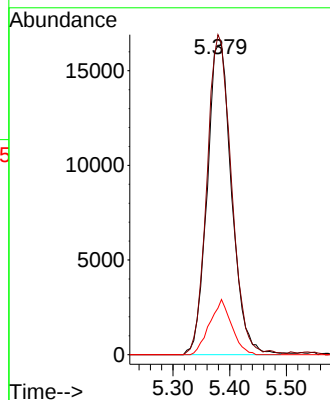
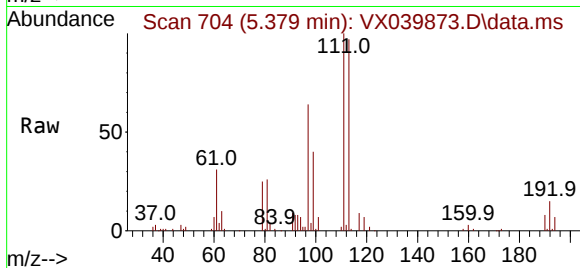
Tgt Ion:	113	Resp:	49320
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	15.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#36

1,1-Dichloropropene

Concen: 20.977 ug/l

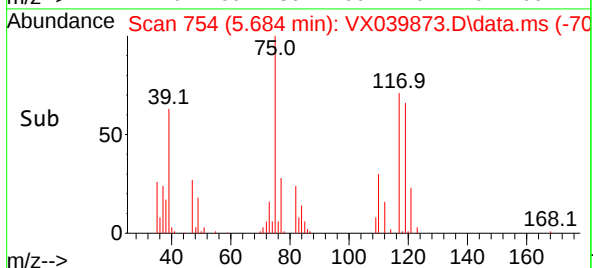
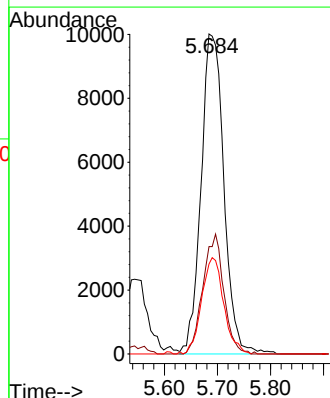
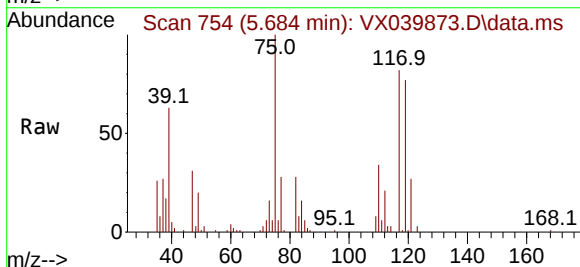
RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

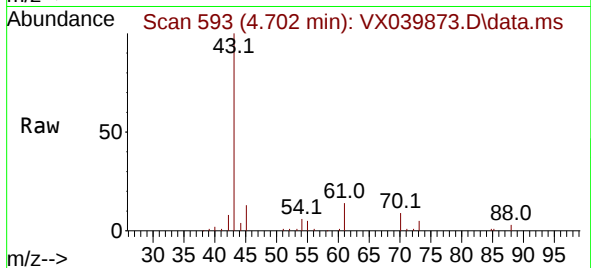
Tgt Ion:	75	Resp:	30007
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.0	50.9
77	29.1	24.7	37.1





#37
Ethyl Acetate
Concen: 19.808 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

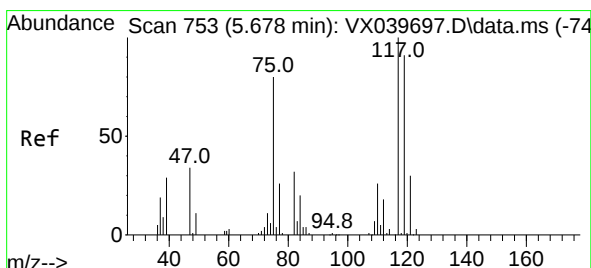
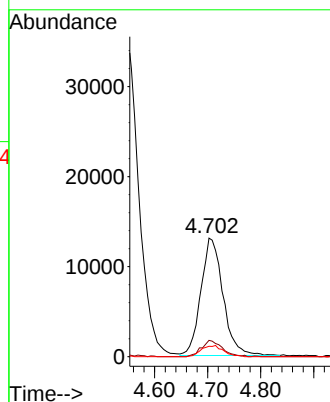
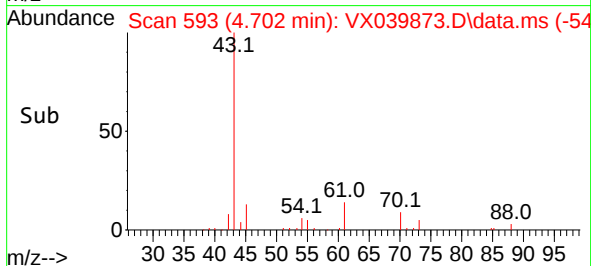
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 43 Resp: 3780
Ion Ratio Lower Upper
43 100
61 13.0 10.6 16.0
70 9.5 8.3 12.5

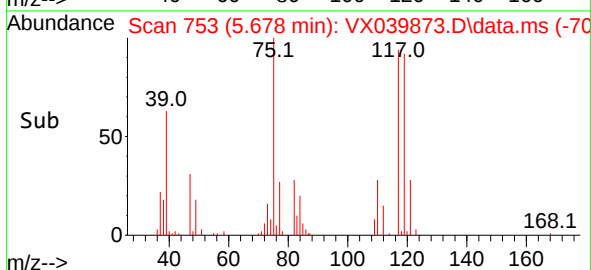
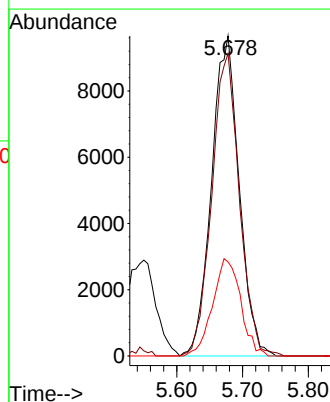
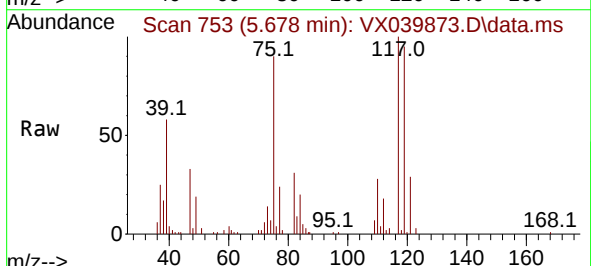
Manual Integrations
APPROVED

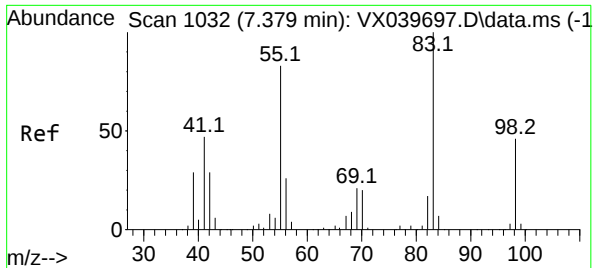
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#38
Carbon Tetrachloride
Concen: 21.504 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

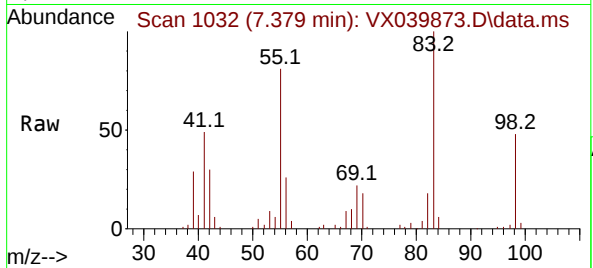
Tgt Ion:117 Resp: 28174
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 29.4 24.4 36.6





#39
Methylcyclohexane
Concen: 20.000 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

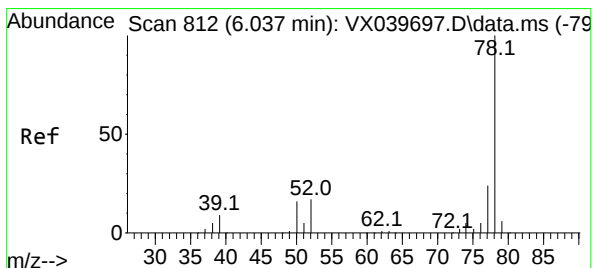
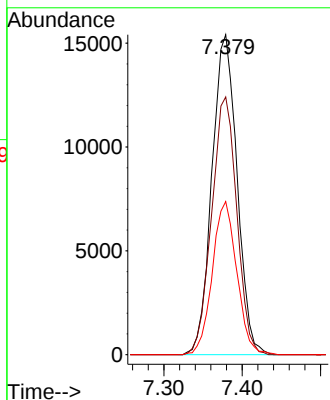
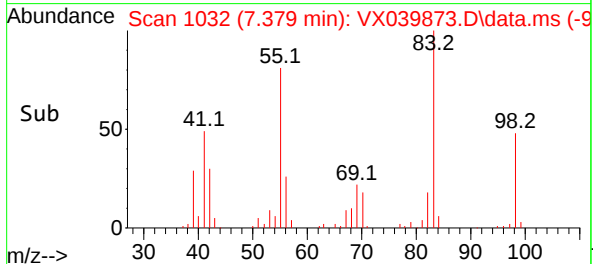
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 83 Resp: 3435
Ion Ratio Lower Upper
83 100
55 80.5 64.6 97.0
98 47.9 36.7 55.1

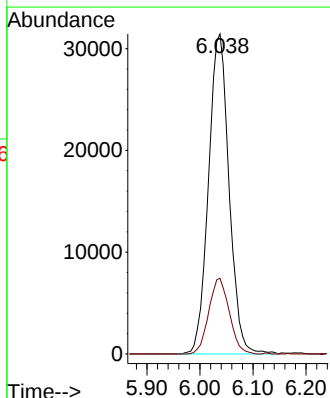
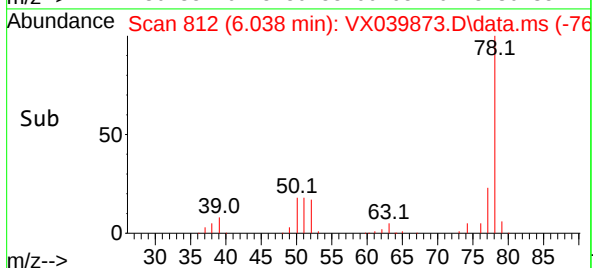
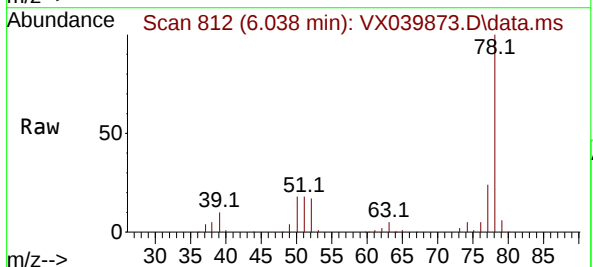
Manual Integrations
APPROVED

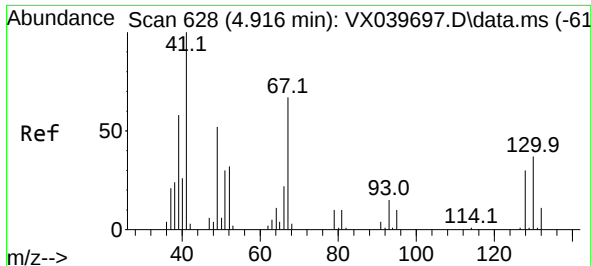
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#40
Benzene
Concen: 20.905 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 78 Resp: 84678
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





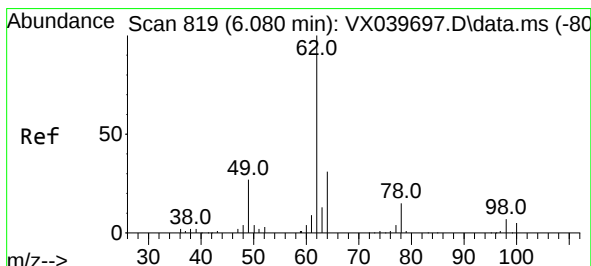
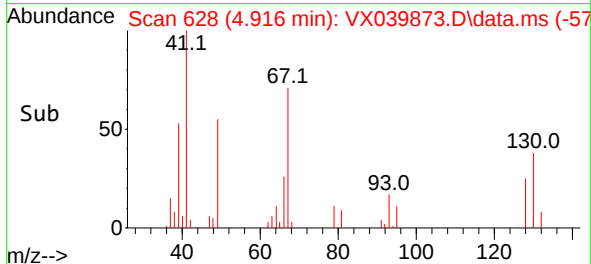
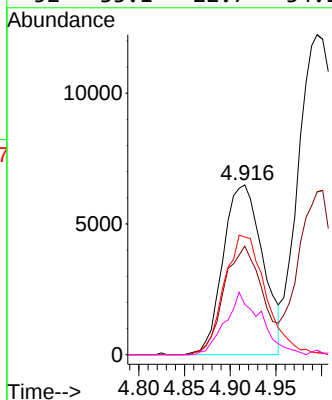
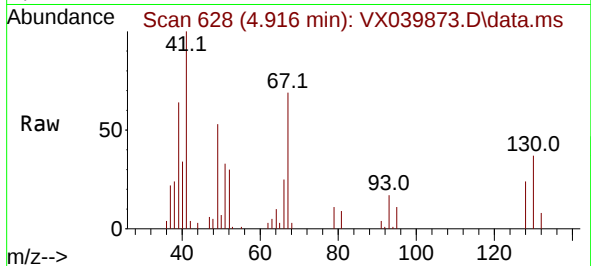
#41
Methacrylonitrile
Concen: 21.038 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 41	Resp: 1963
Ion Ratio	Lower Upper
41	100
39	62.1 45.2 67.8
67	73.5 52.6 78.8
52	33.1 22.7 34.1

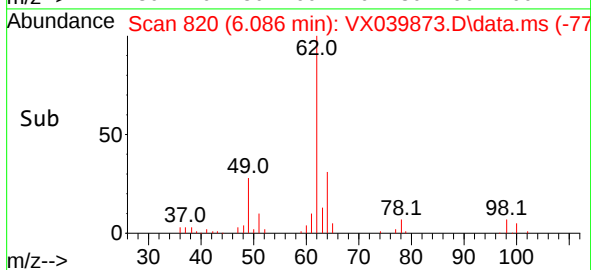
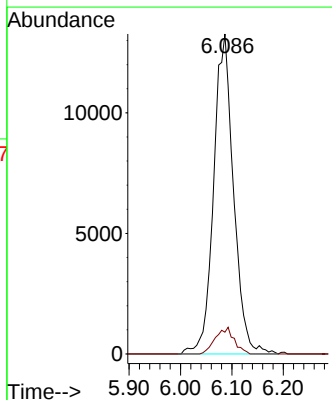
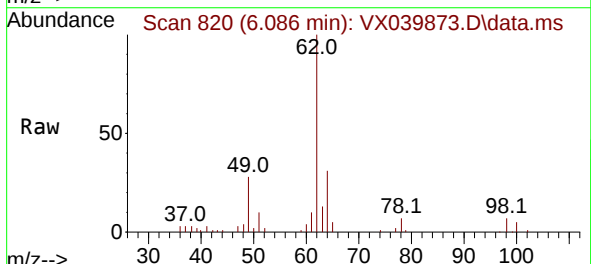
Manual Integrations
APPROVED

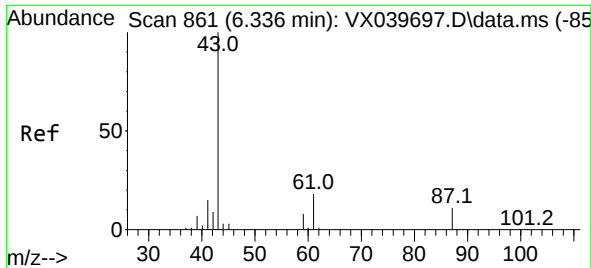
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#42
1,2-Dichloroethane
Concen: 23.182 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

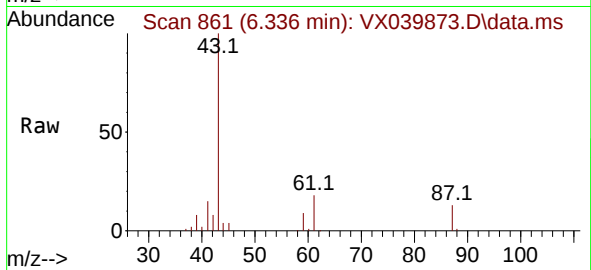
Tgt Ion: 62	Resp: 35700
Ion Ratio	Lower Upper
62	100
98	7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 21.120 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

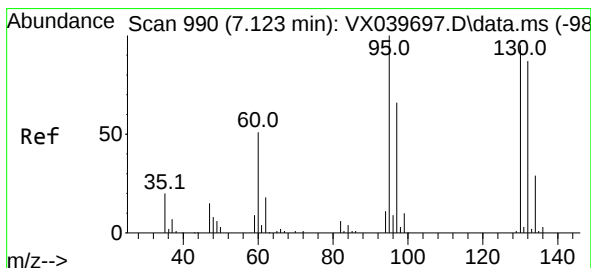
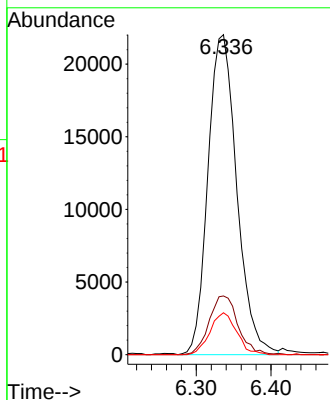
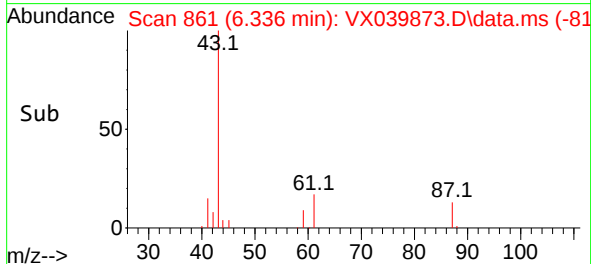
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



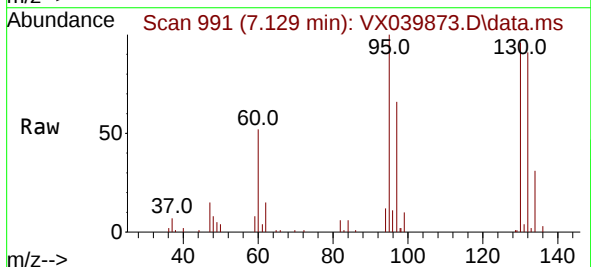
Tgt Ion: 43 Resp: 59124
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.1 9.8 14.6

Manual Integrations
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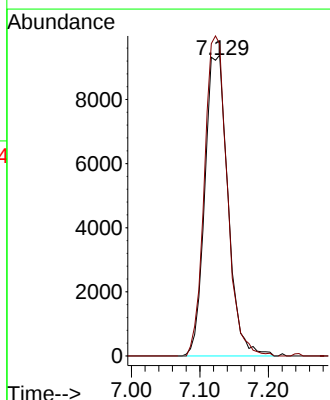
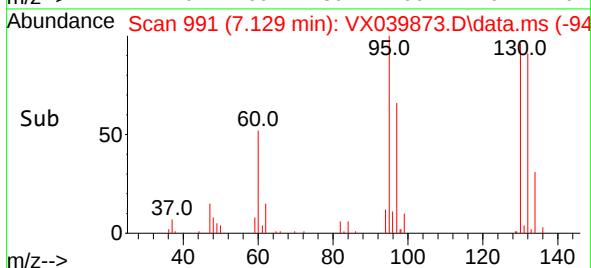
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

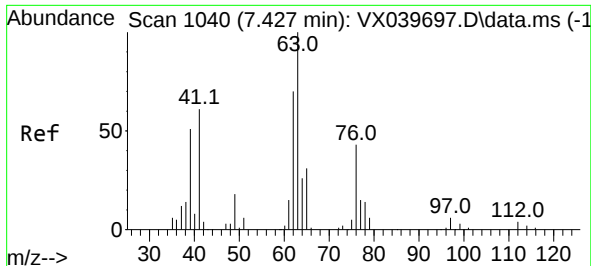


#44
Trichloroethene
Concen: 22.171 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion:130 Resp: 22009
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.207 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion: 63 Resp: 2304

Ion Ratio Lower Upper

63 100

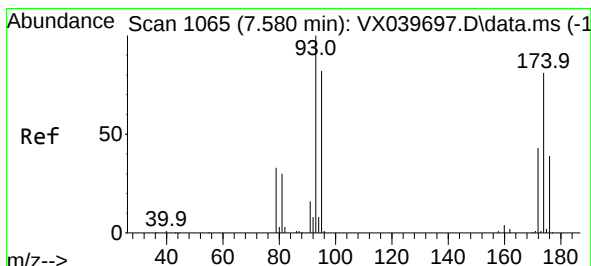
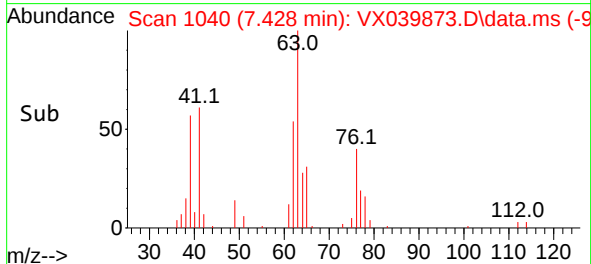
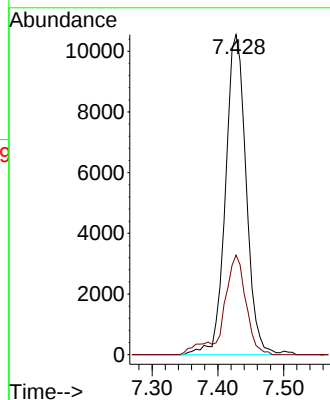
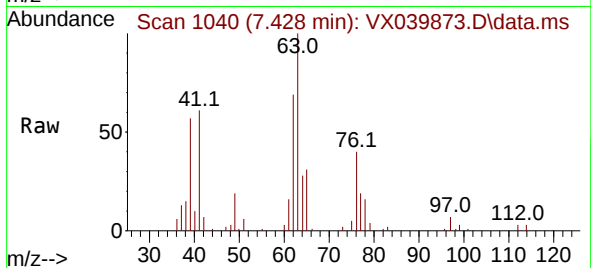
65 31.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#46

Dibromomethane

Concen: 22.939 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

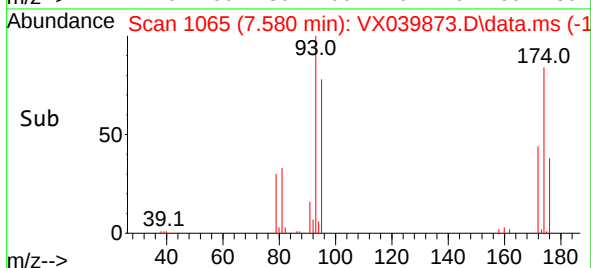
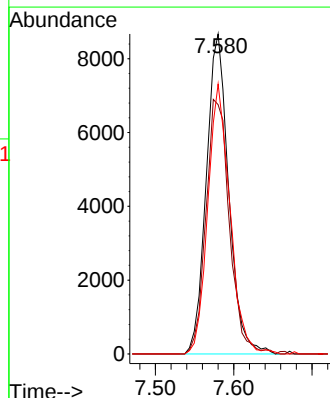
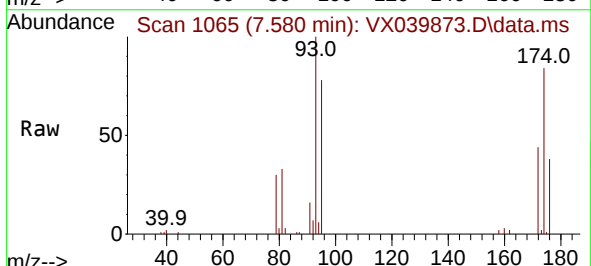
Tgt Ion: 93 Resp: 17216

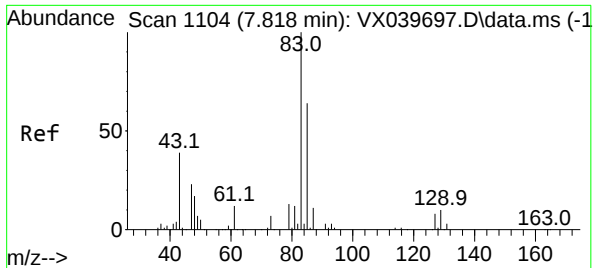
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 83.6 69.4 104.0





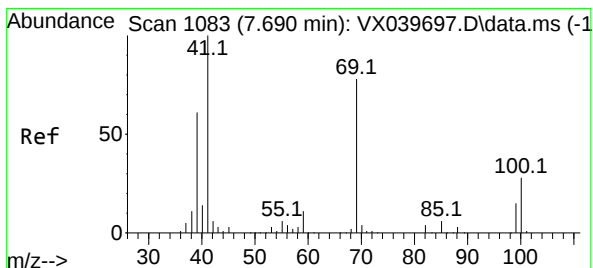
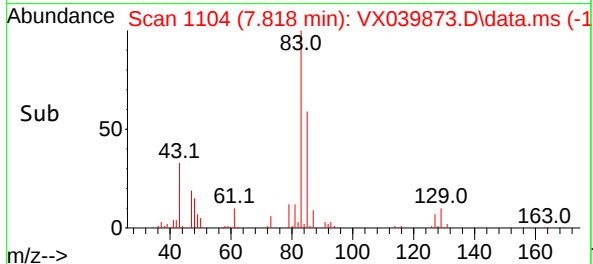
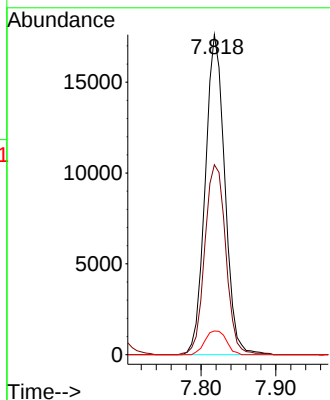
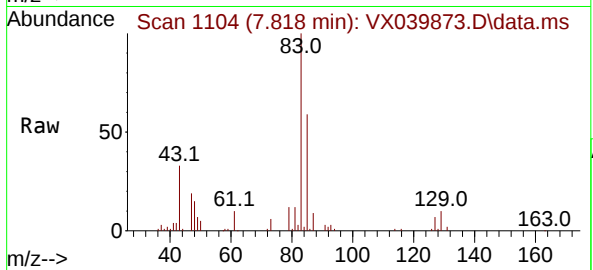
#47
Bromodichloromethane
Concen: 23.052 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 83 Resp: 3204
Ion Ratio Lower Upper
83 100
85 59.4 49.8 74.6
127 7.4 7.1 10.7

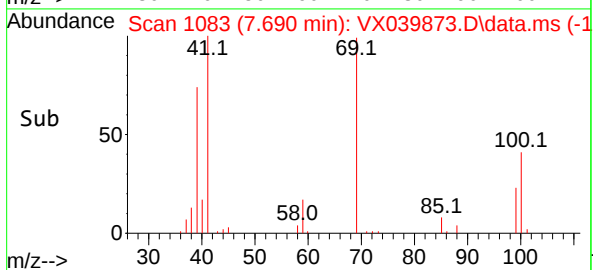
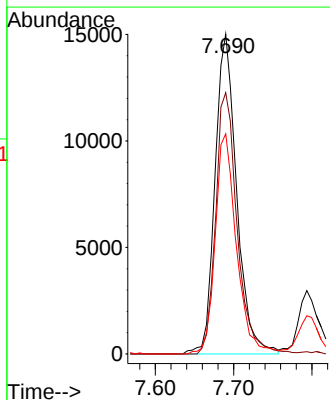
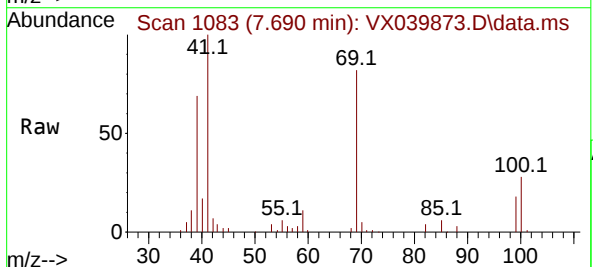
Manual Integrations
APPROVED

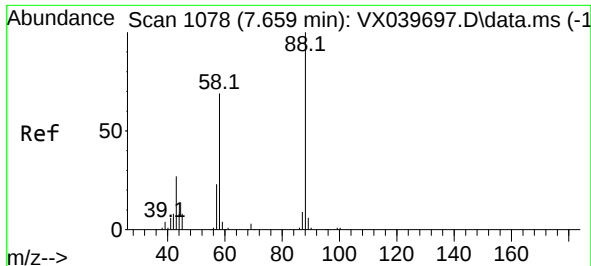
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#48
Methyl methacrylate
Concen: 20.943 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 41 Resp: 28819
Ion Ratio Lower Upper
41 100
69 81.2 59.2 88.8
39 67.5 47.7 71.5





#49

1,4-Dioxane

Concen: 405.845 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion: 88 Resp: 10800

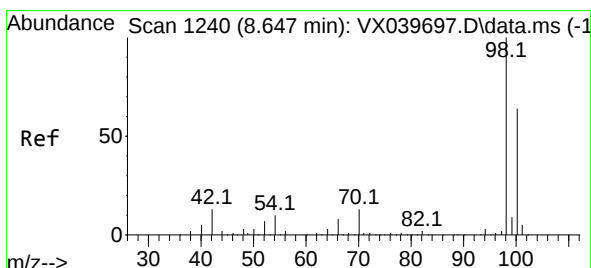
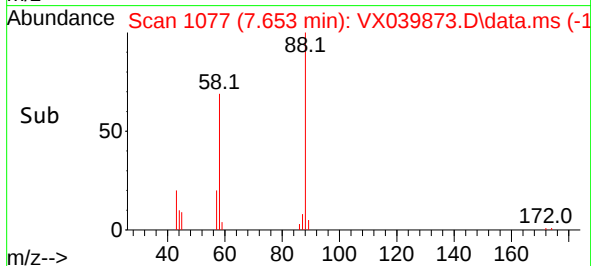
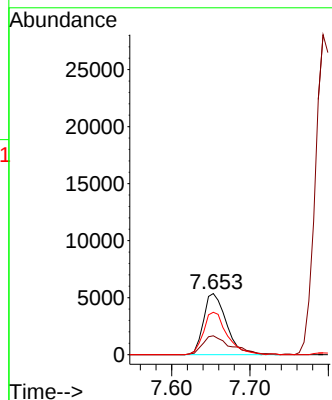
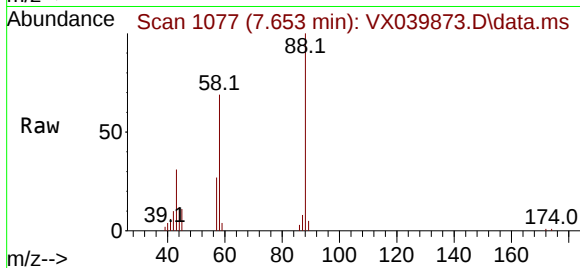
Ion	Ratio	Lower	Upper
88	100		
43	39.1	0.0	0.0
58	71.4	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#50

Toluene-d8

Concen: 51.454 ug/l

RT: 8.647 min Scan# 1240

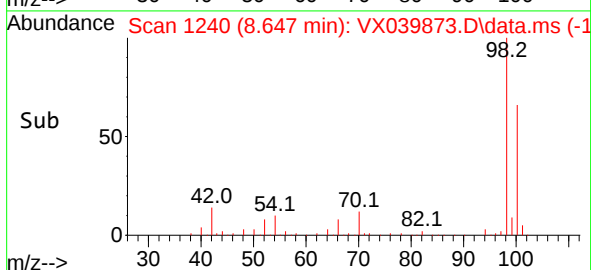
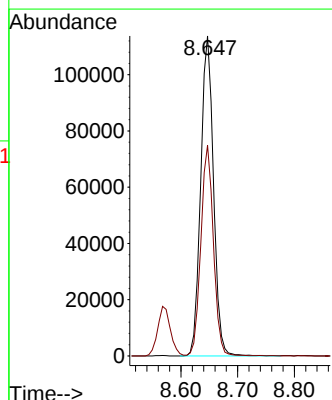
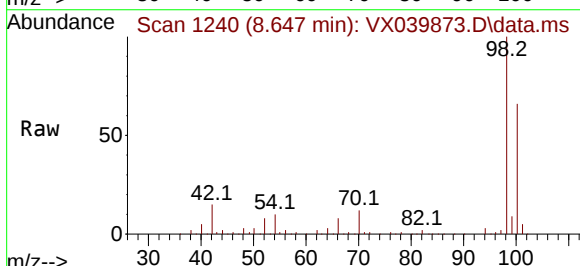
Delta R.T. 0.000 min

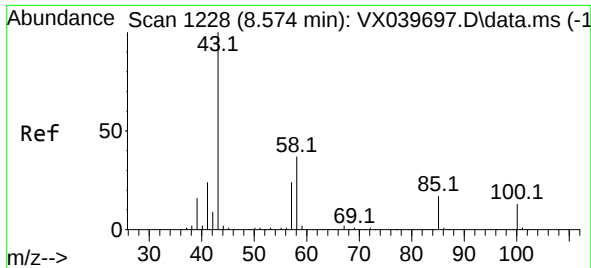
Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion: 98 Resp: 178346

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7





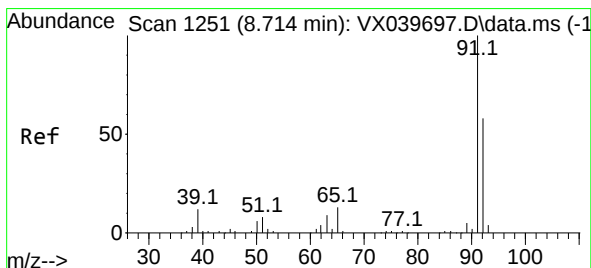
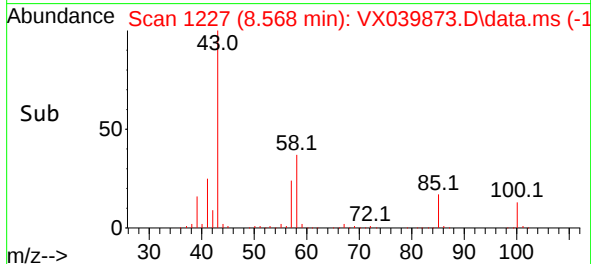
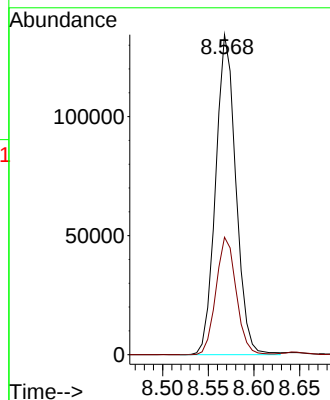
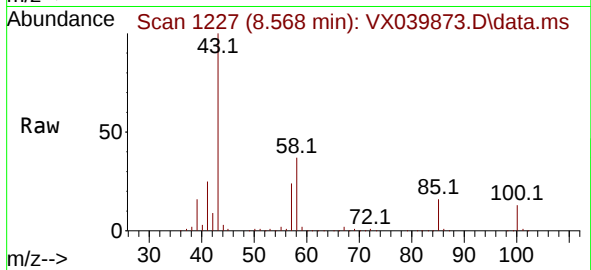
#51
4-Methyl-2-Pentanone
Concen: 107.401 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 43 Resp: 207074
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

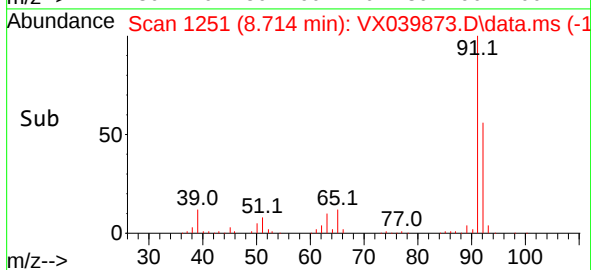
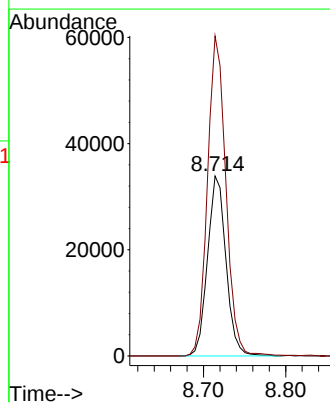
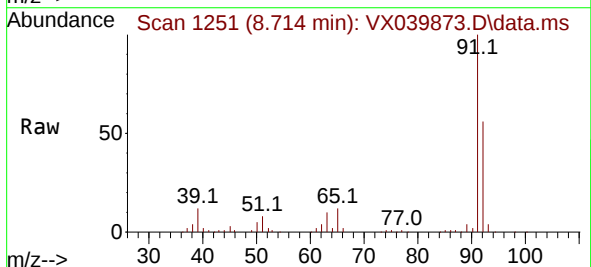
Manual Integrations
APPROVED

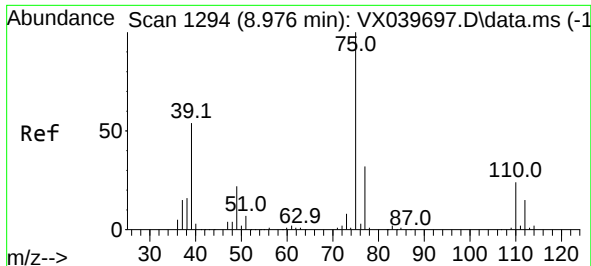
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#52
Toluene
Concen: 21.860 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 92 Resp: 52887
Ion Ratio Lower Upper
92 100
91 177.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 22.355 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion: 75 Resp: 3297

Ion Ratio Lower Upper

75 100

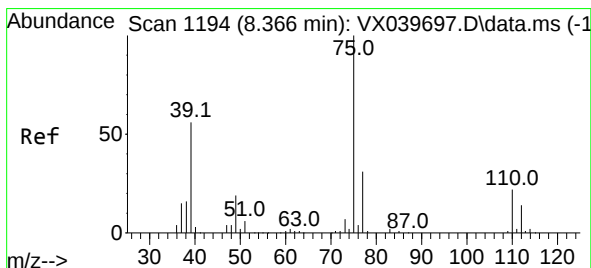
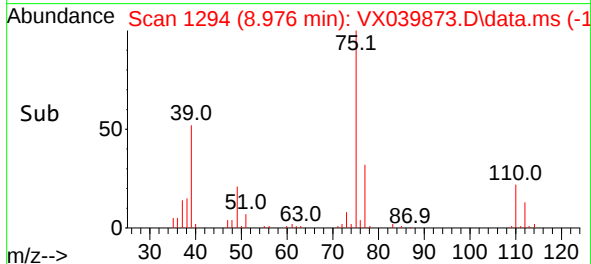
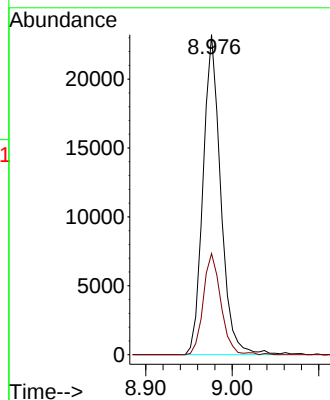
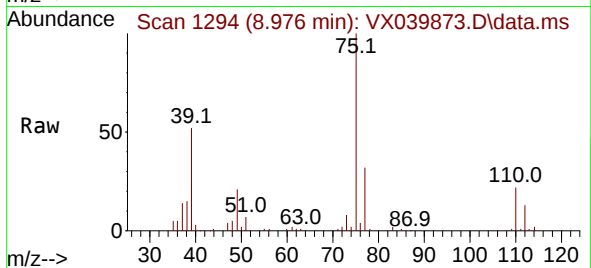
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#54

cis-1,3-Dichloropropene

Concen: 21.869 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

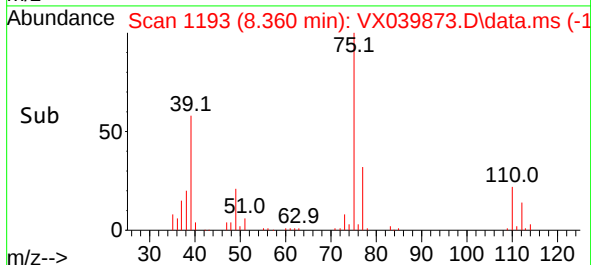
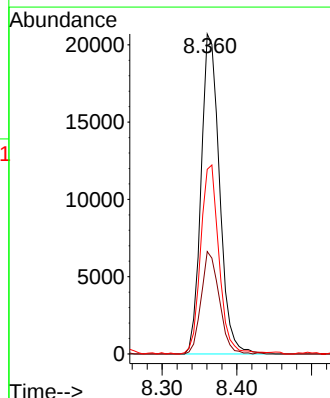
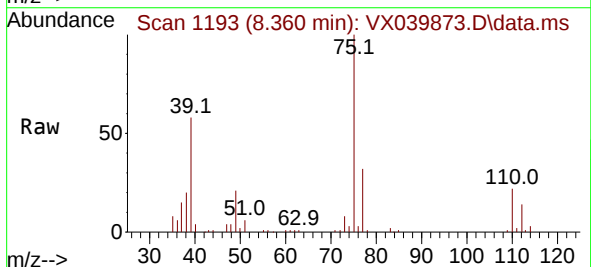
Tgt Ion: 75 Resp: 35468

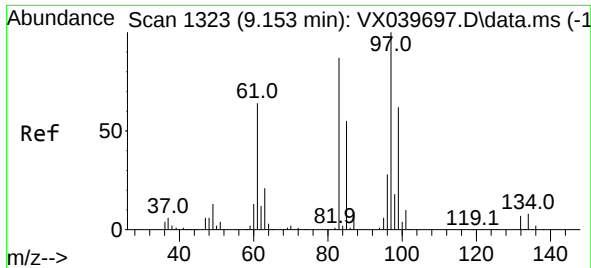
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

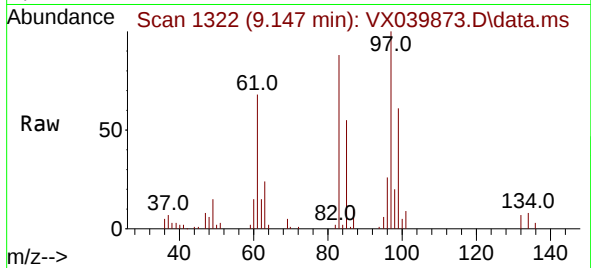
39 57.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 22.483 ug/l
RT: 9.147 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

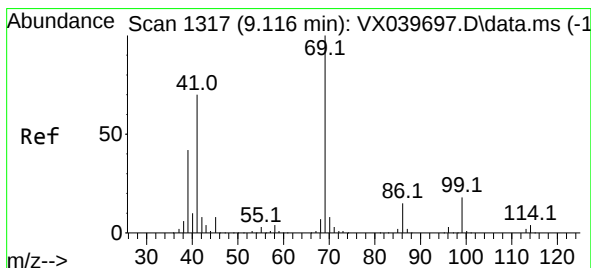
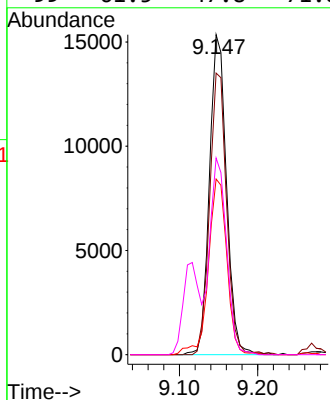
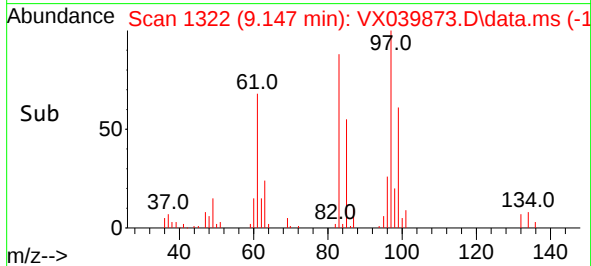
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



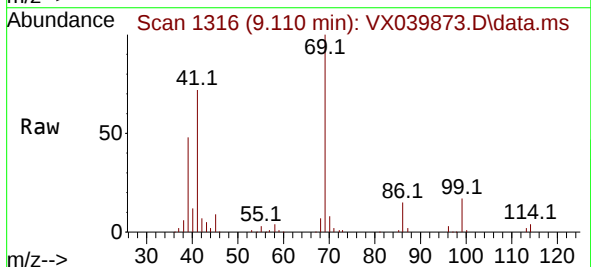
Tgt Ion:	97	Resp:	2315
Ion Ratio	100	Lower	Upper
97	100		
83	88.0	65.8	98.8
85	54.9	41.6	62.4
99	61.5	47.8	71.8

Manual Integrations
APPROVED

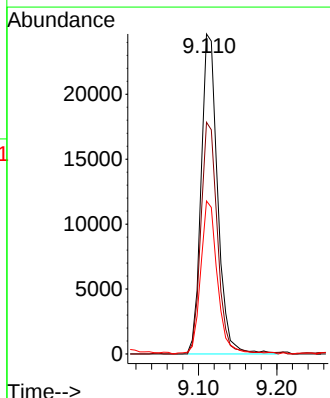
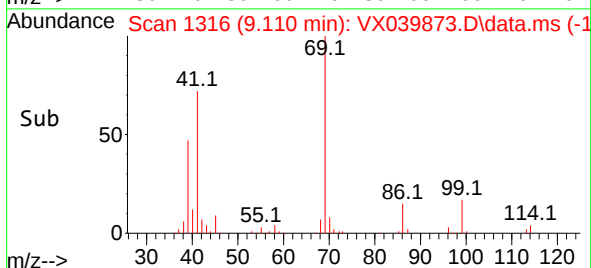
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

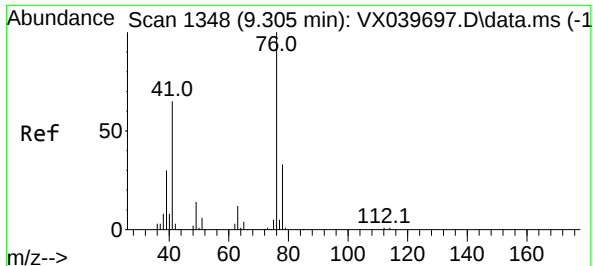


#56
Ethyl methacrylate
Concen: 21.566 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion:	69	Resp:	35954
Ion Ratio	100	Lower	Upper
69	100		
41	72.3	56.8	85.2
39	48.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 22.561 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion: 76 Resp: 3938

Ion Ratio Lower Upper

76 100

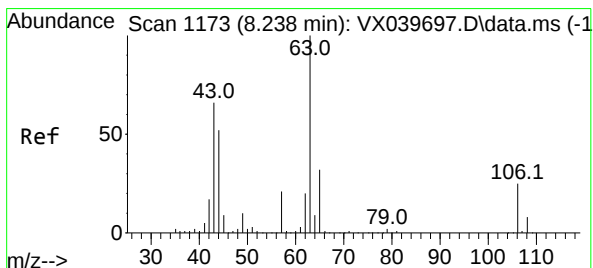
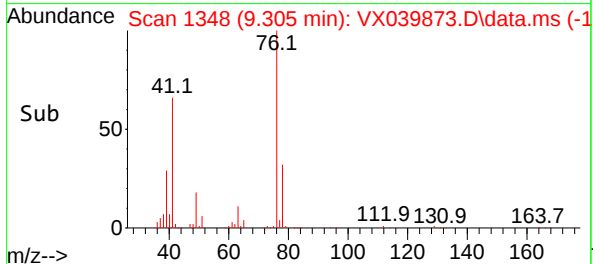
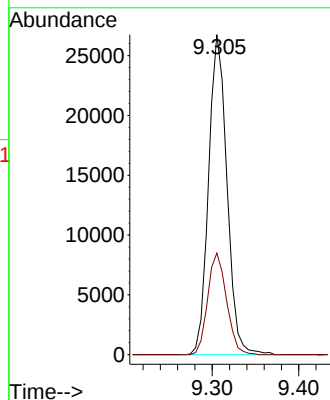
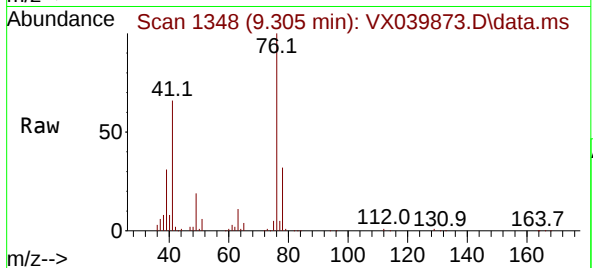
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.325 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039873.D

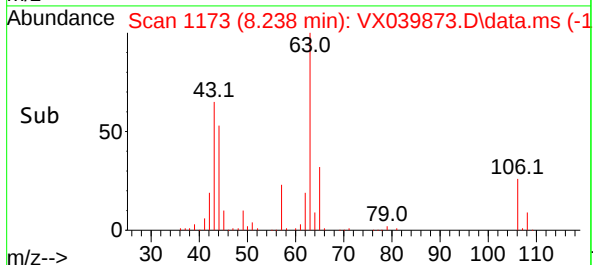
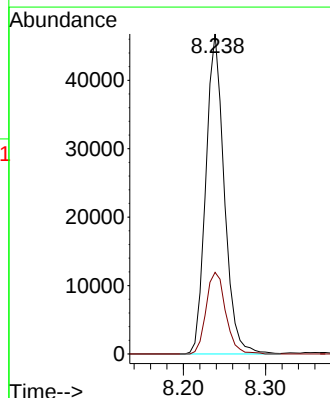
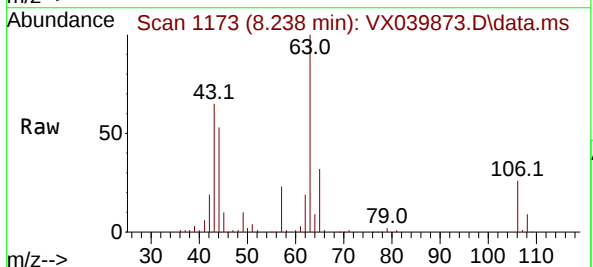
Acq: 22 Jan 2024 11:13

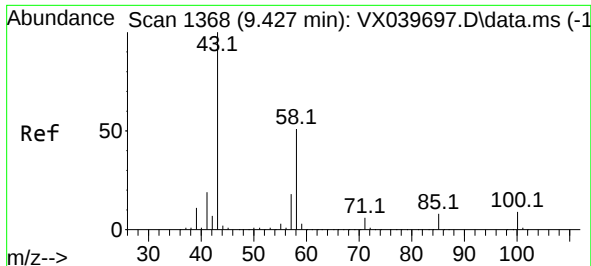
Tgt Ion: 63 Resp: 72754

Ion Ratio Lower Upper

63 100

106 27.0 22.5 33.7





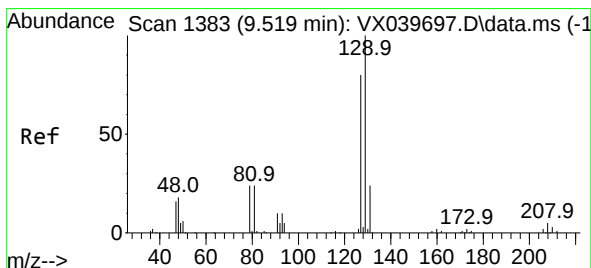
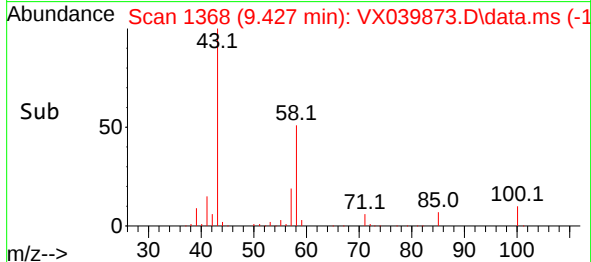
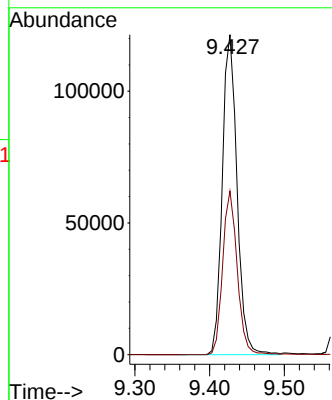
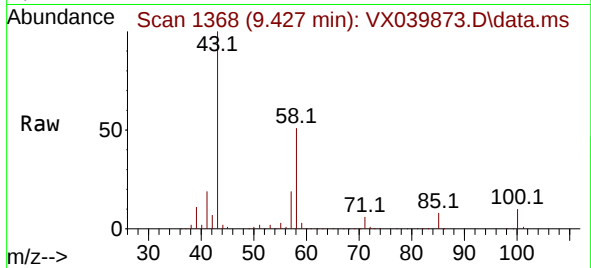
#59
2-Hexanone
Concen: 109.467 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 43 Resp: 167040
Ion Ratio Lower Upper
43 100
58 50.7 26.2 78.5

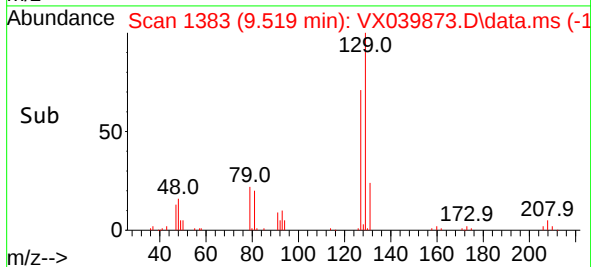
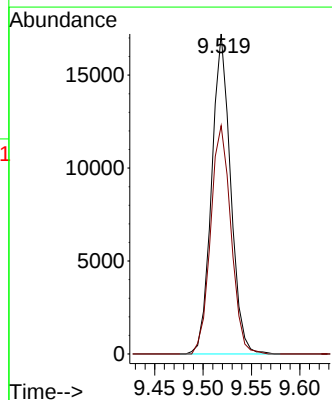
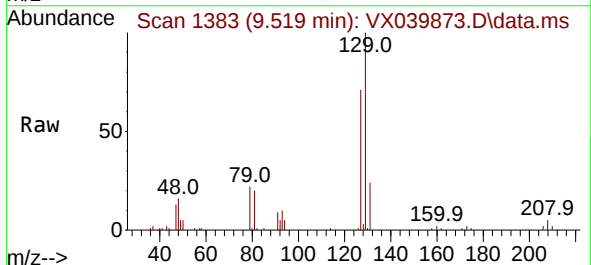
Manual Integrations
APPROVED

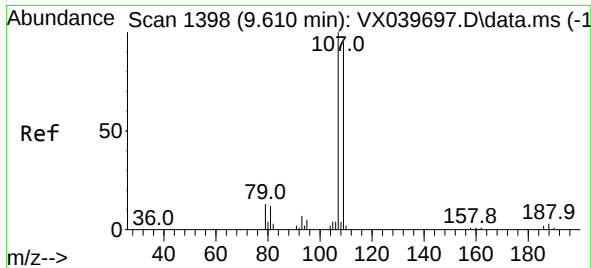
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#60
Dibromochloromethane
Concen: 24.080 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

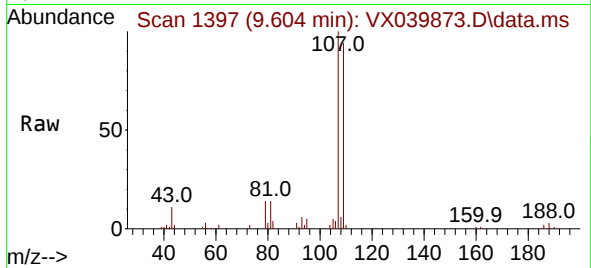
Tgt Ion:129 Resp: 23392
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 23.290 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

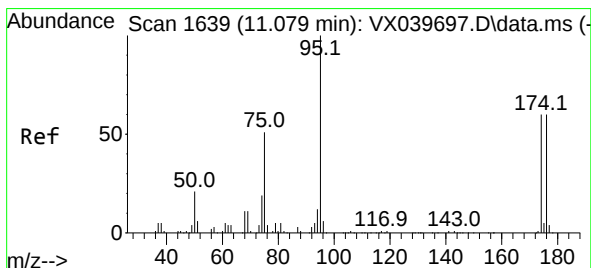
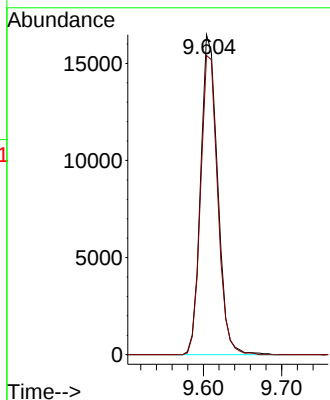
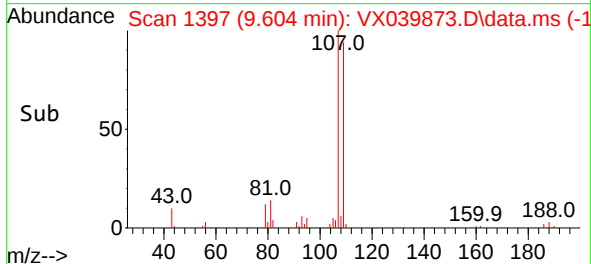
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



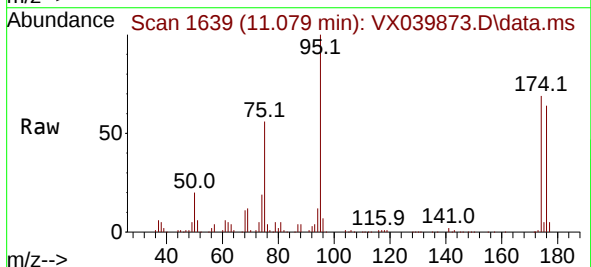
Tgt Ion:107 Resp: 2484
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
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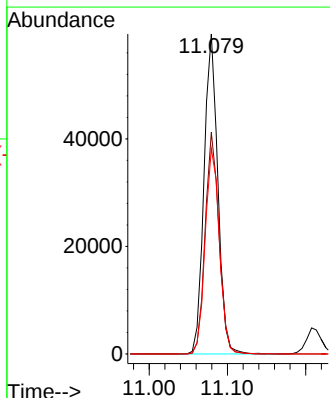
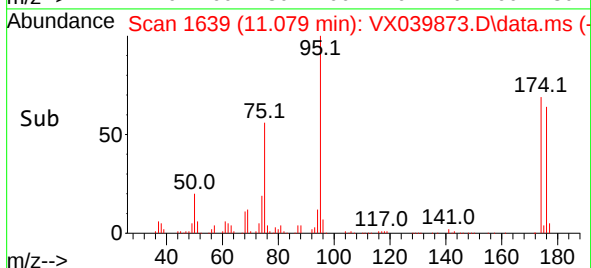
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

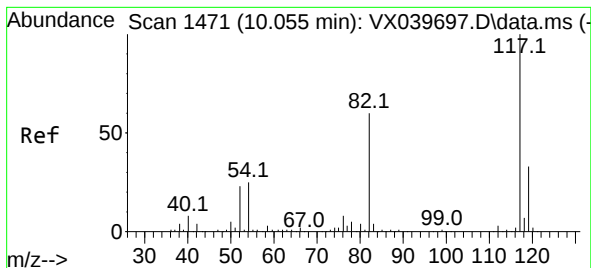


#62
4-Bromofluorobenzene
Concen: 53.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



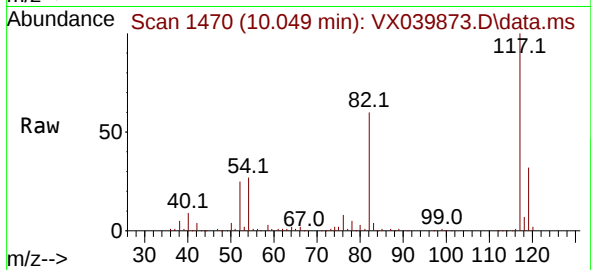
Tgt Ion: 95 Resp: 72597
Ion Ratio Lower Upper
95 100
174 69.4 0.0 135.6
176 66.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

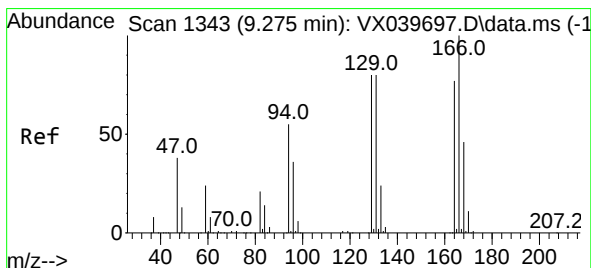
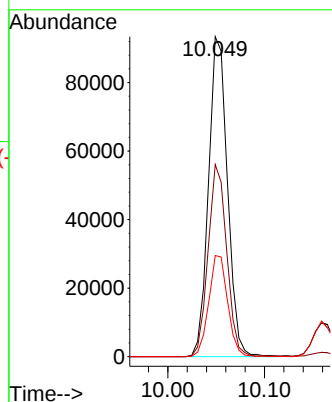
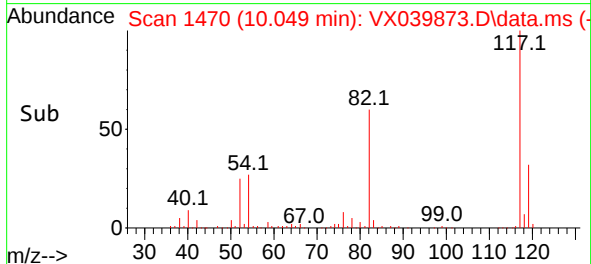
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



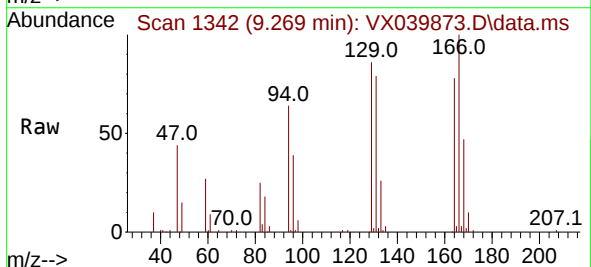
Tgt Ion:117 Resp: 127420
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.6 25.5 38.3

Manual Integrations
APPROVED

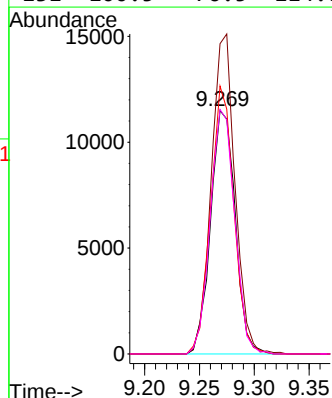
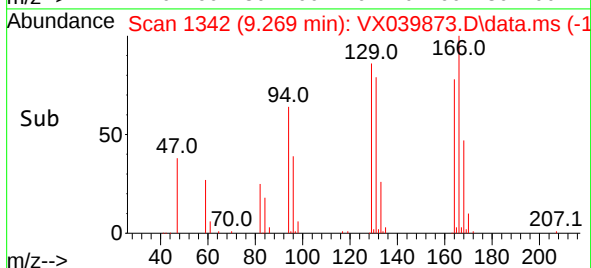
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

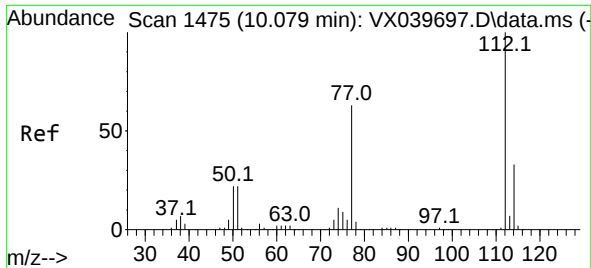


#64
Tetrachloroethene
Concen: 21.596 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion:164 Resp: 17895
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 110.0 80.4 120.6
131 100.5 76.5 114.7





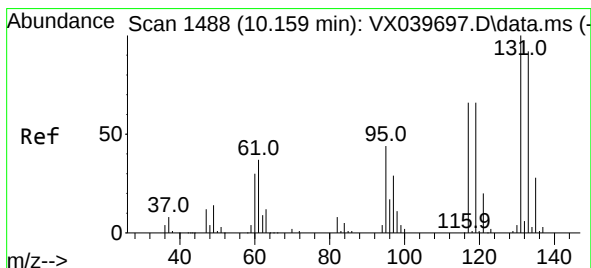
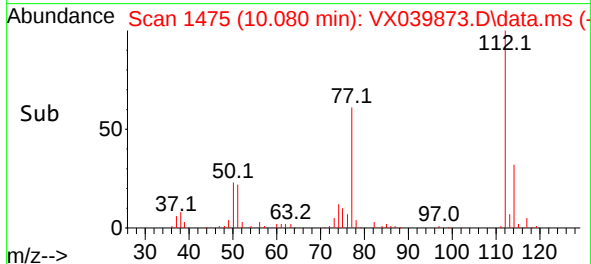
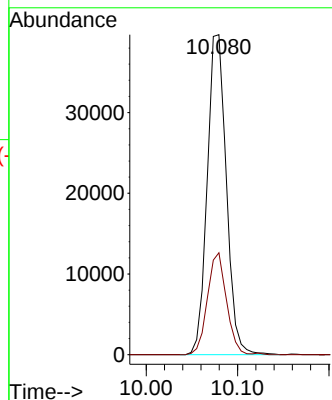
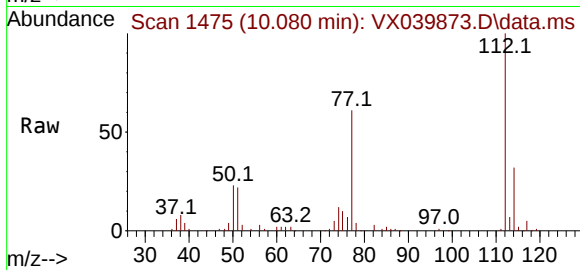
#65
Chlorobenzene
Concen: 21.685 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion:112 Resp: 57550
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

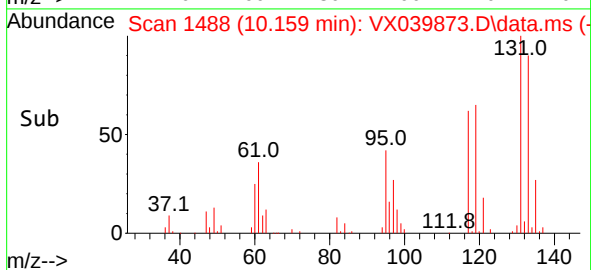
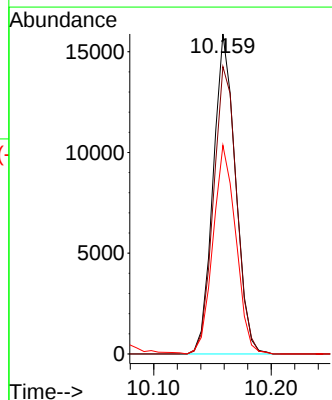
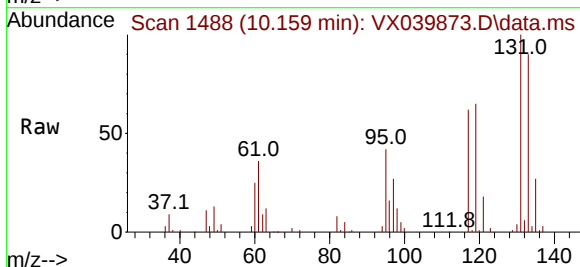
Manual Integrations
APPROVED

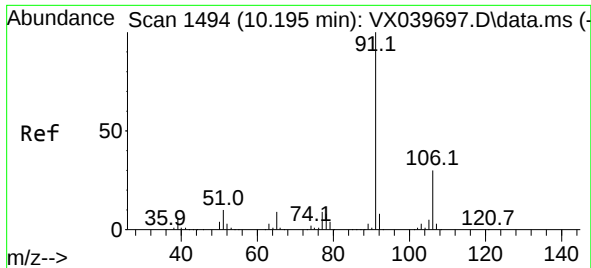
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 23.202 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion:131 Resp: 20967
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.4
119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 21.271 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion: 91 Resp: 104804

Ion Ratio Lower Upper

91 100

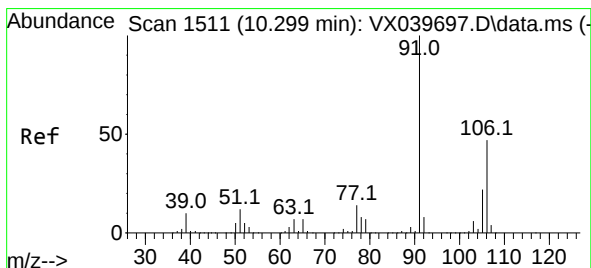
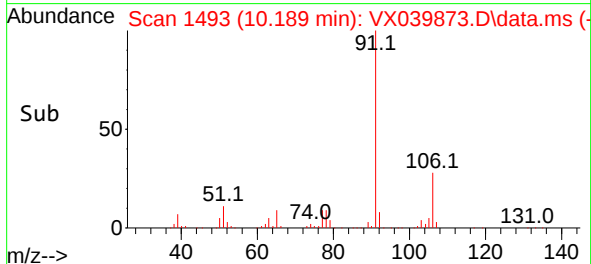
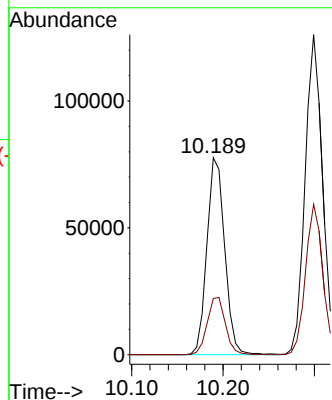
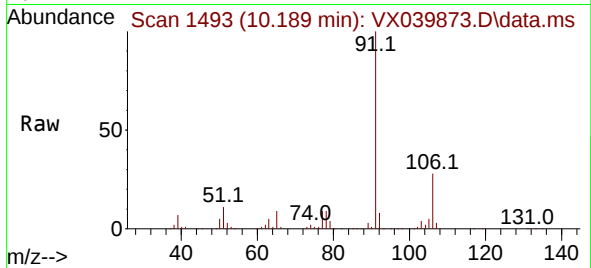
106 28.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#68

m/p-Xylenes

Concen: 43.423 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039873.D

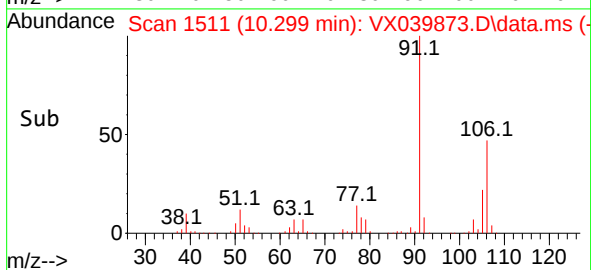
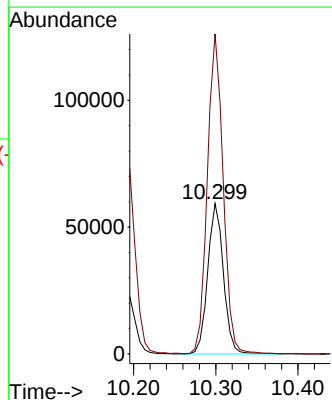
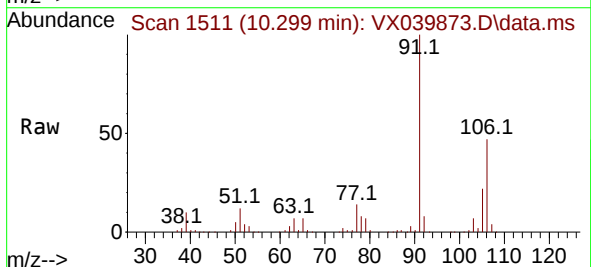
Acq: 22 Jan 2024 11:13

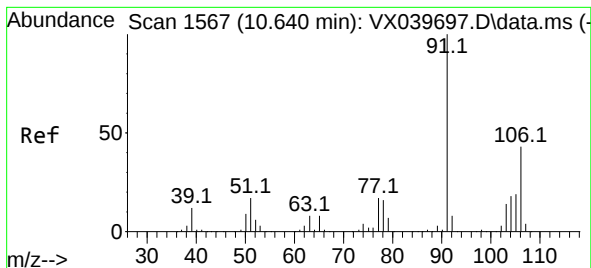
Tgt Ion:106 Resp: 78684

Ion Ratio Lower Upper

106 100

91 214.5 165.5 248.3





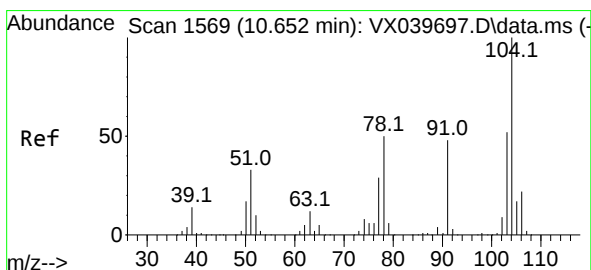
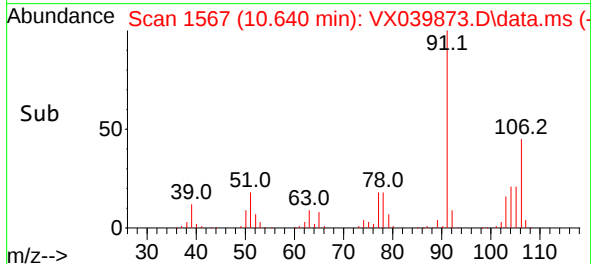
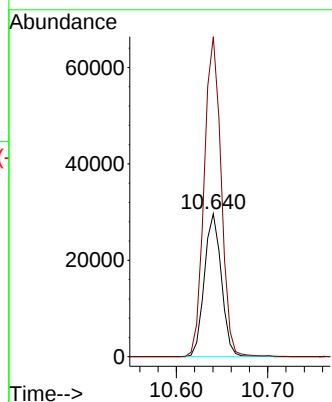
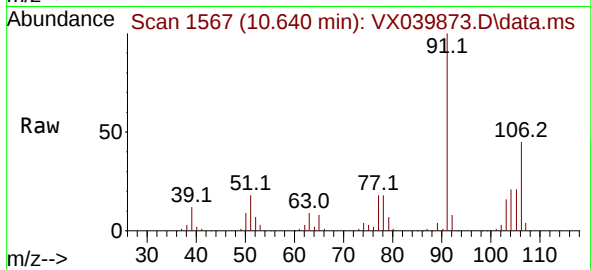
#69
o-Xylene
Concen: 21.335 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion:106 Resp: 3828
Ion Ratio Lower Upper
106 100
91 223.8 108.9 326.8

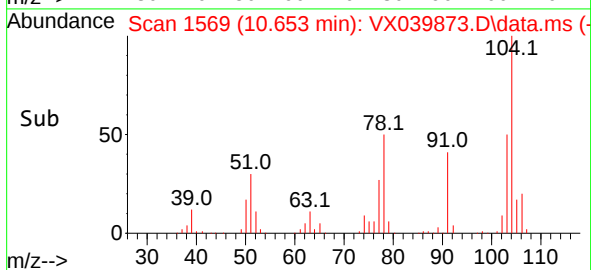
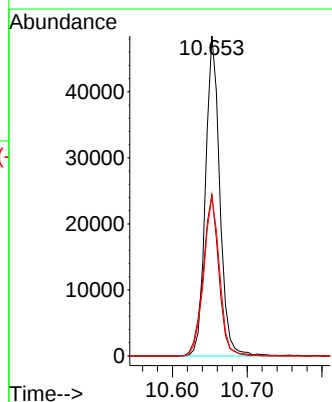
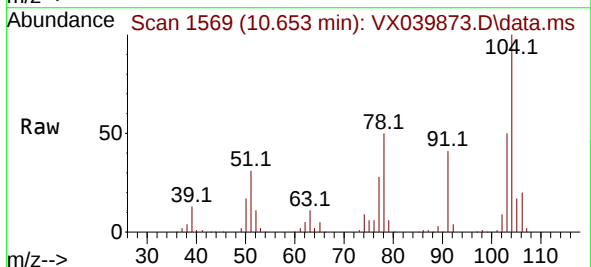
Manual Integrations
APPROVED

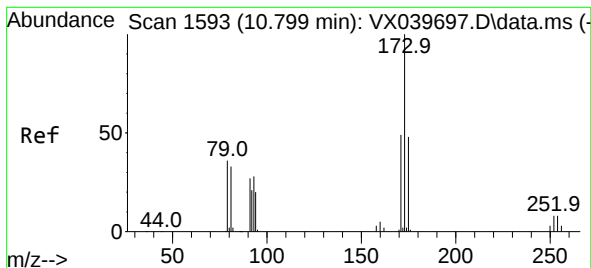
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#70
Styrene
Concen: 21.913 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

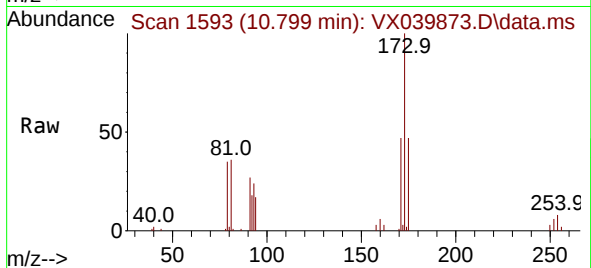
Tgt Ion:104 Resp: 64236
Ion Ratio Lower Upper
104 100
78 55.1 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 22.762 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

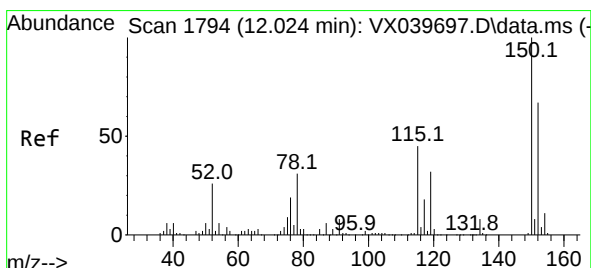
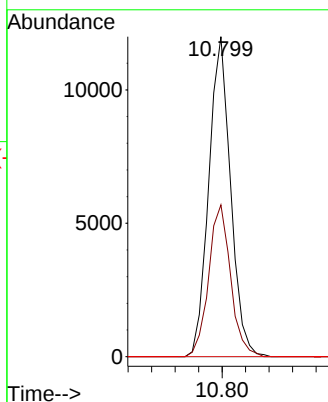
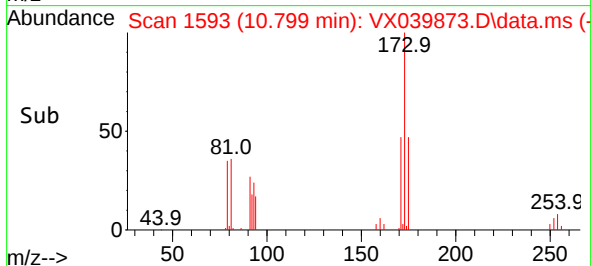
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



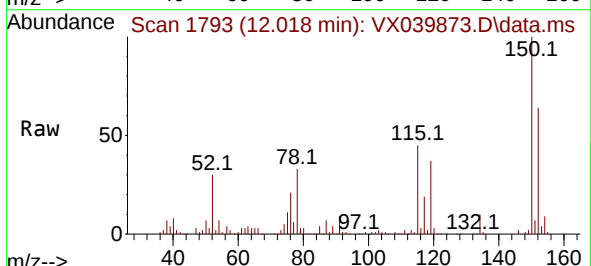
Tgt Ion:173 Resp: 1544
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

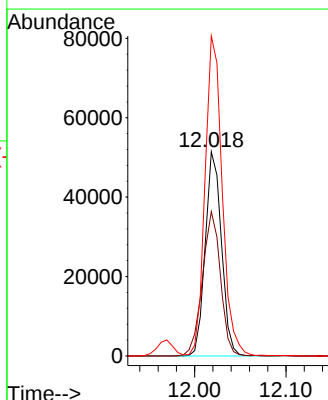
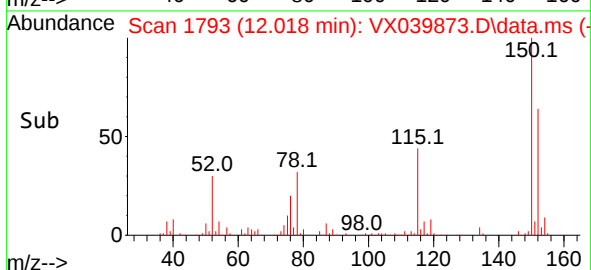
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

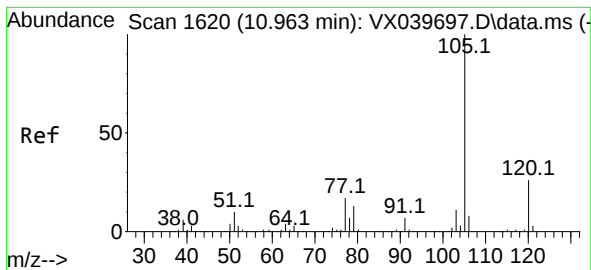


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion:152 Resp: 63538
Ion Ratio Lower Upper
152 100
115 78.5 43.3 129.9
150 165.2 0.0 345.0





#73

Isopropylbenzene

Concen: 20.108 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion:105 Resp: 101718

Ion Ratio Lower Upper

105 100

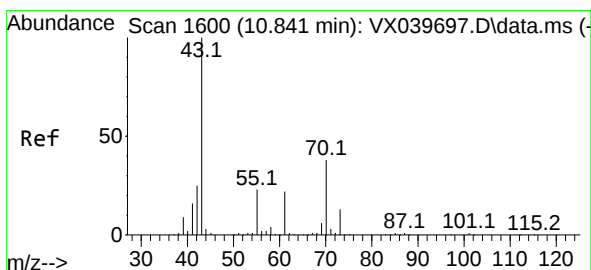
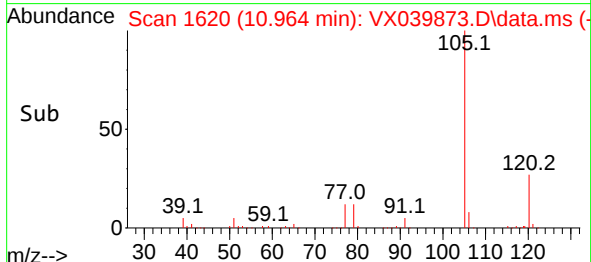
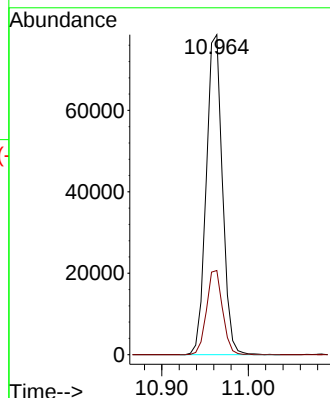
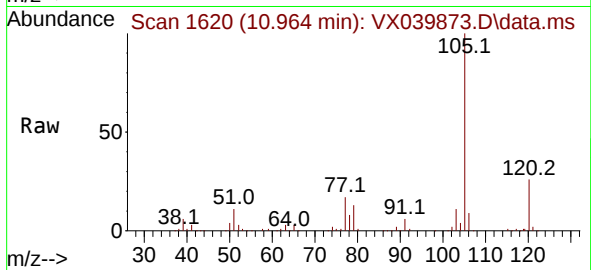
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#74

N-ethyl acetate

Concen: 19.951 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion: 43 Resp: 52607

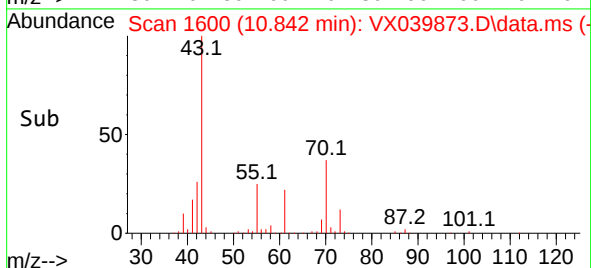
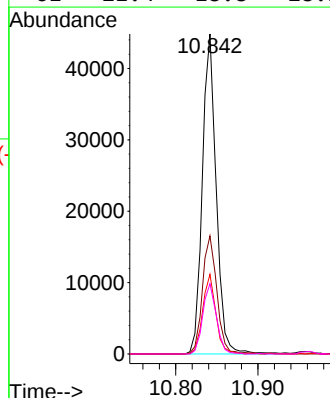
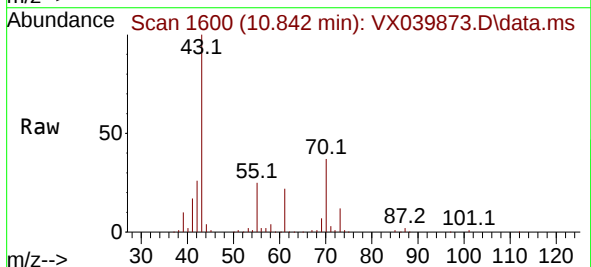
Ion Ratio Lower Upper

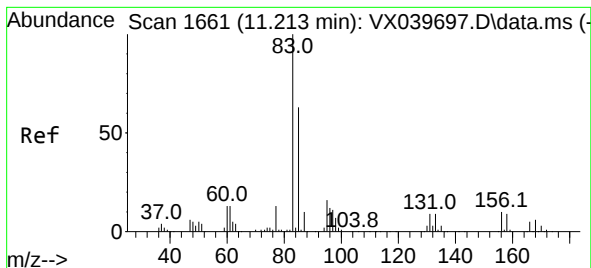
43 100

70 38.4 32.9 49.3

55 23.6 19.3 28.9

61 21.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.055 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

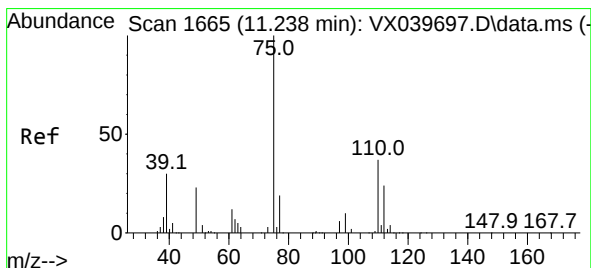
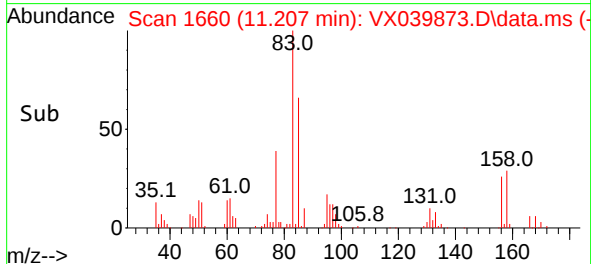
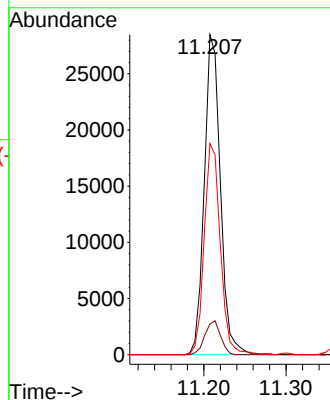
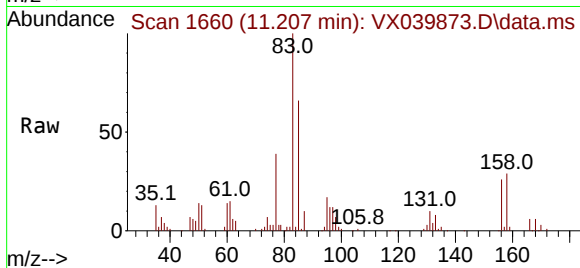
Tgt Ion: 83 Resp: 38740
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 15.8
 85 65.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#76

1,2,3-Trichloropropane

Concen: 20.578 ug/l m

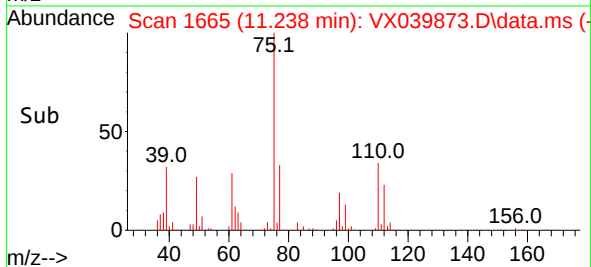
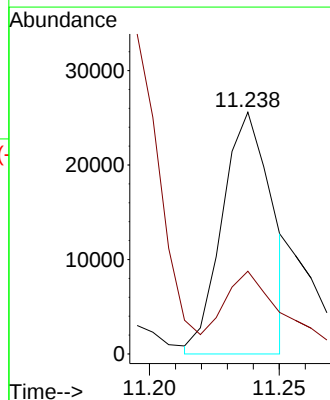
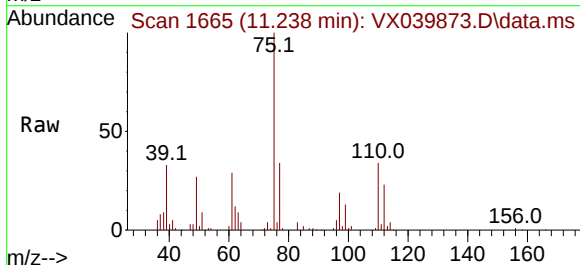
RT: 11.238 min Scan# 1665

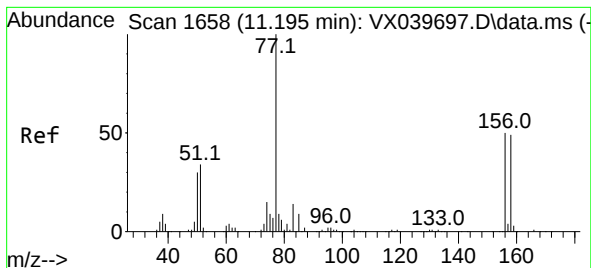
Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion: 75 Resp: 33897
 Ion Ratio Lower Upper
 75 100
 77 42.3 19.1 57.5





#77

Bromobenzene

Concen: 20.432 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

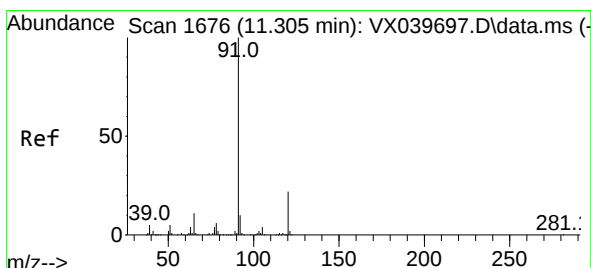
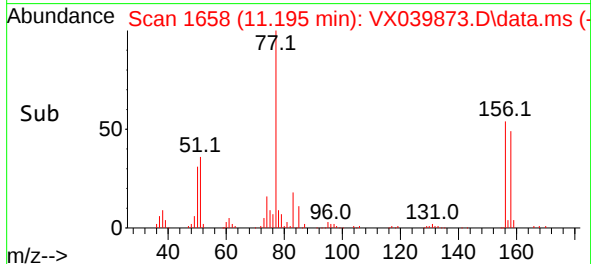
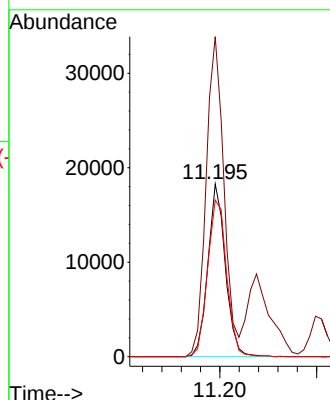
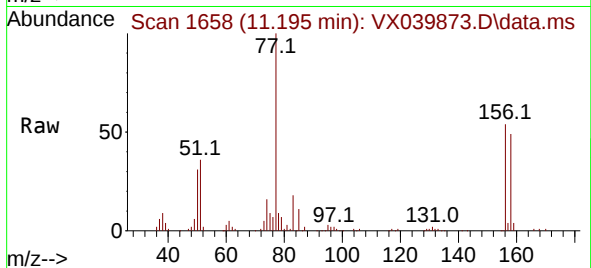
Tgt Ion:	156	Resp:	2301
Ion Ratio	Lower	Upper	
156	100		
77	188.6	88.4	265.3
158	99.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#78

n-propylbenzene

Concen: 20.610 ug/l

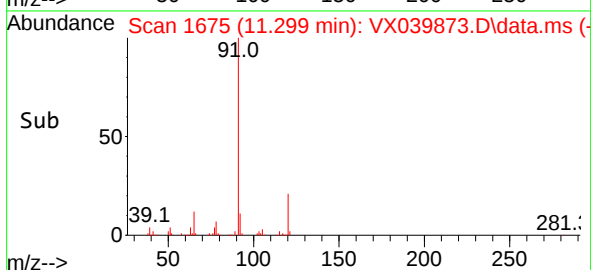
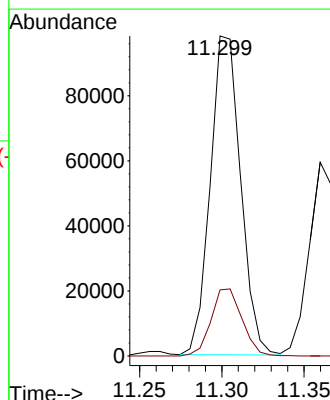
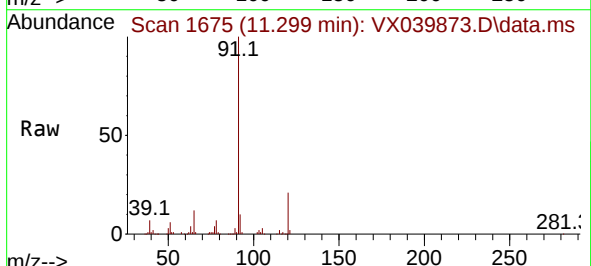
RT: 11.299 min Scan# 1675

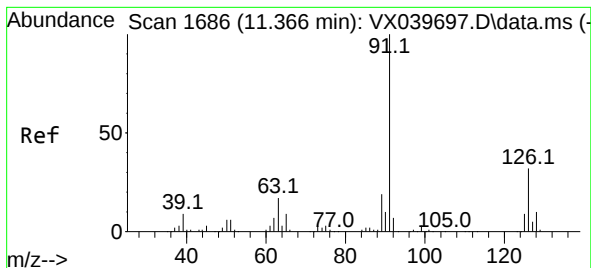
Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion:	91	Resp:	126190
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





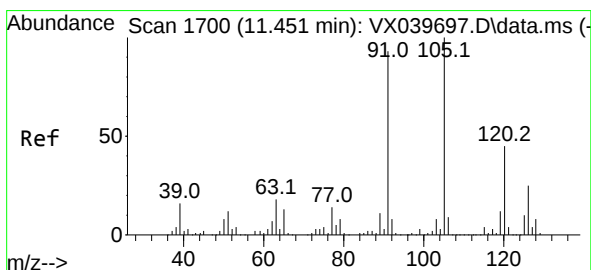
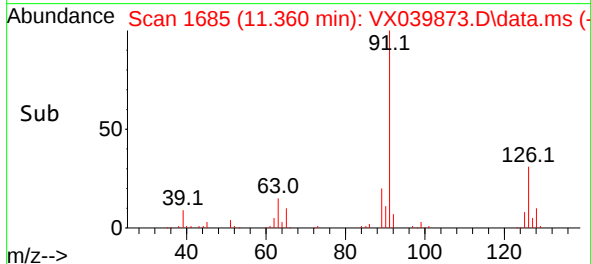
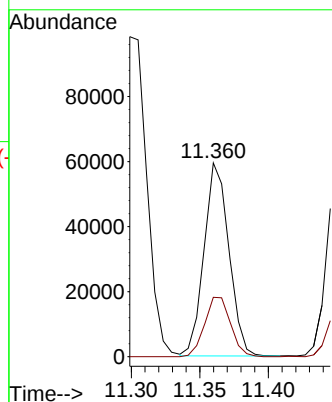
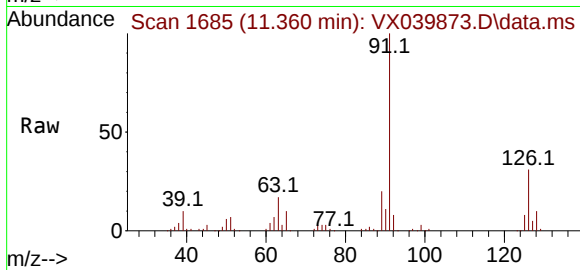
#79
2-Chlorotoluene
Concen: 19.816 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 91 Resp: 74980
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

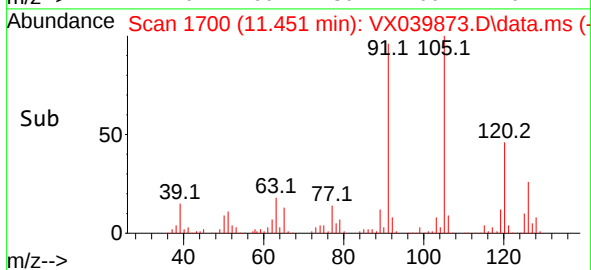
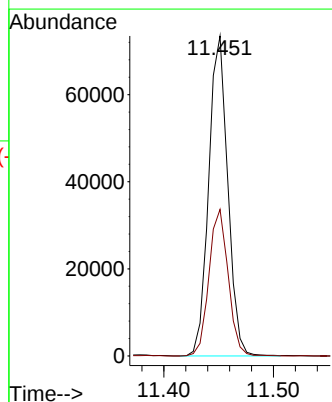
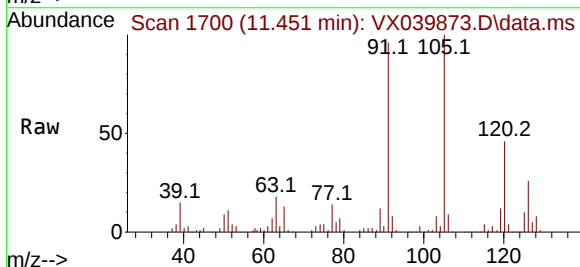
Manual Integrations
APPROVED

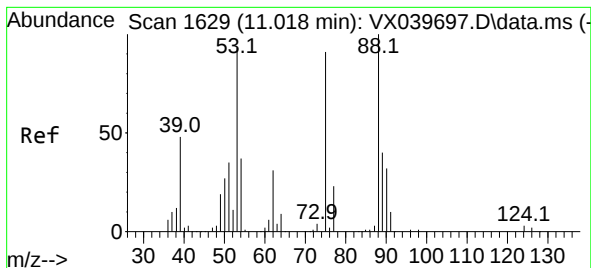
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.674 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

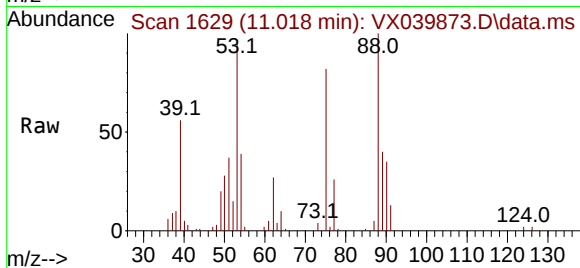
Tgt Ion:105 Resp: 88823
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.916 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

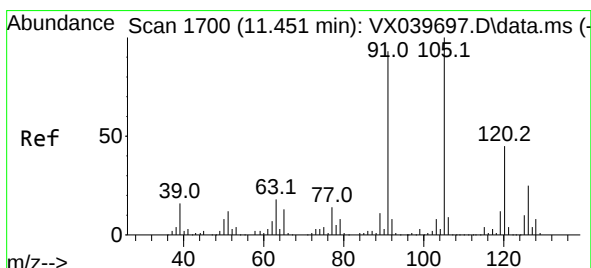
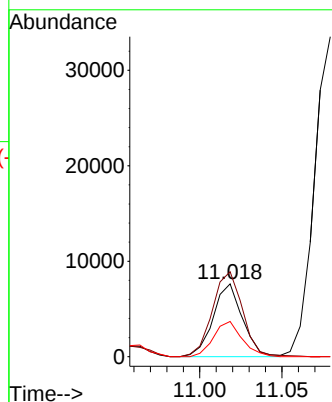
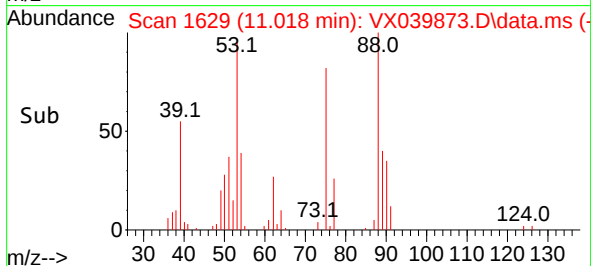
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



Tgt Ion: 75 Resp: 947
Ion Ratio Lower Upper
75 100
53 120.2 90.5 135.7
89 47.1 36.9 55.3

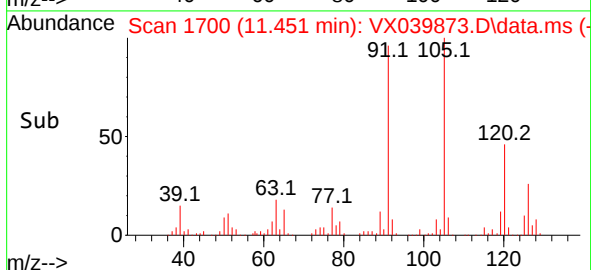
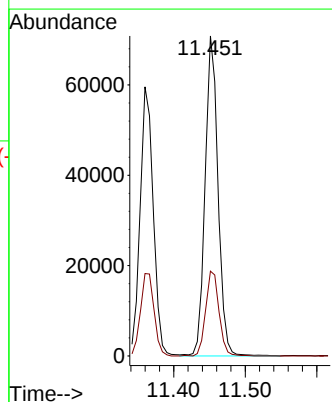
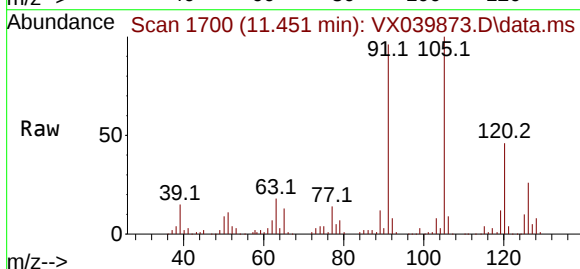
Manual Integrations
APPROVED

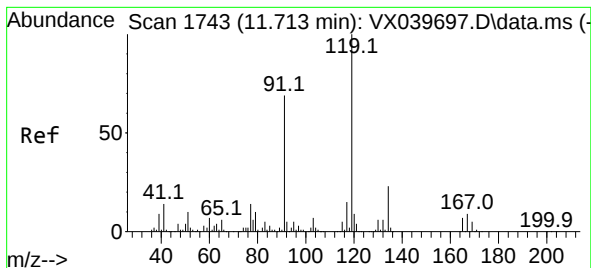
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#82
4-Chlorotoluene
Concen: 20.731 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Tgt Ion: 91 Resp: 88986
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.959 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

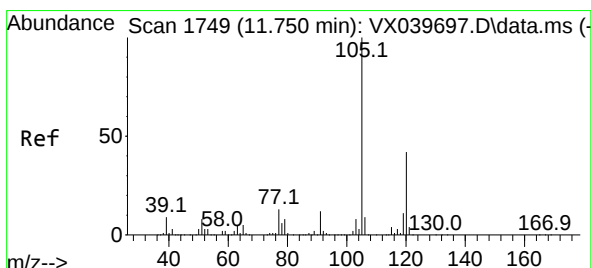
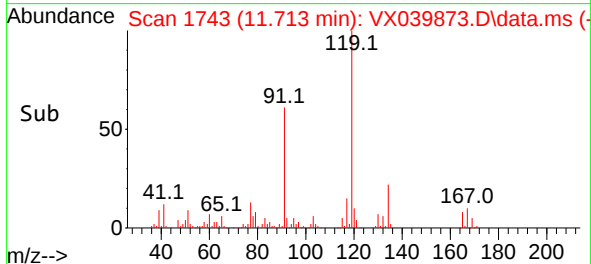
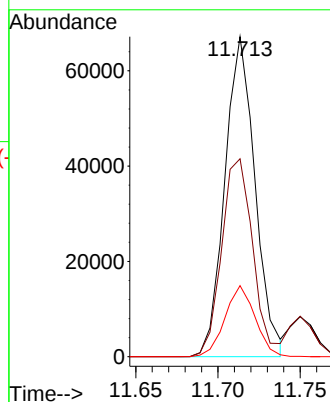
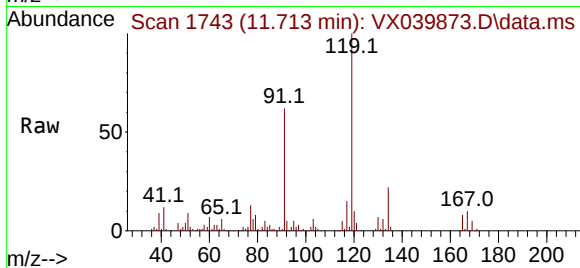
Tgt Ion:	119	Resp:	8596
Ion Ratio	Lower	Upper	
119	100		
91	64.1	31.2	93.6
134	22.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.968 ug/l

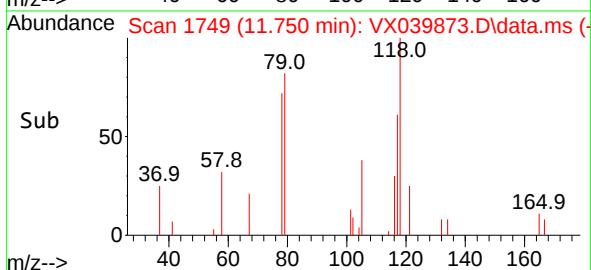
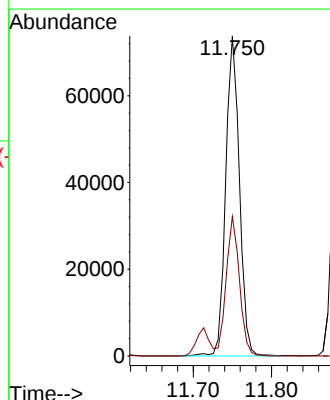
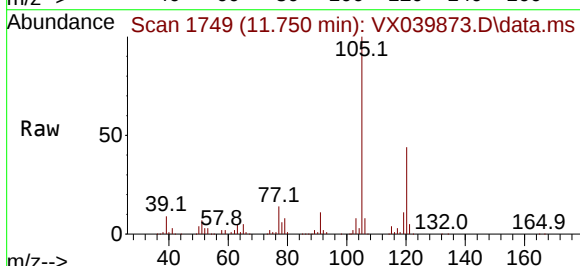
RT: 11.750 min Scan# 1749

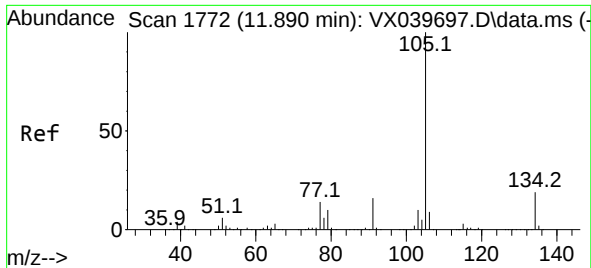
Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

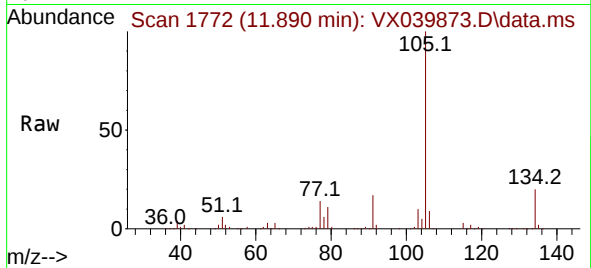
Tgt Ion:	105	Resp:	89875
Ion Ratio	Lower	Upper	
105	100		
120	42.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 21.233 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039873.D
 Acq: 22 Jan 2024 11:13

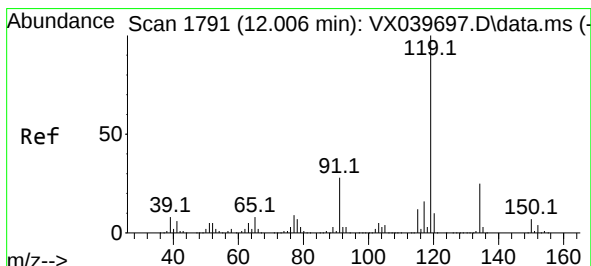
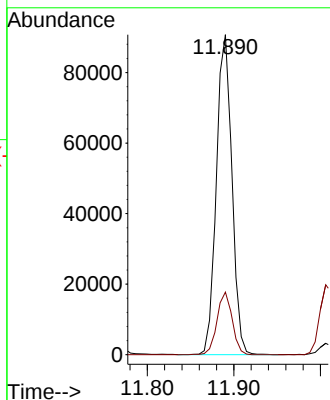
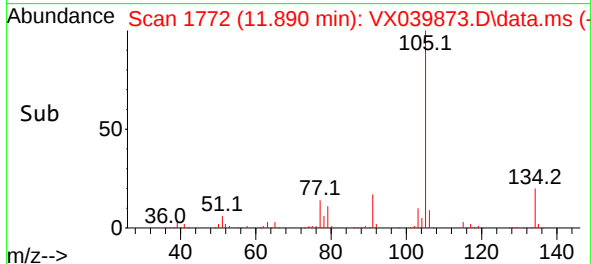
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBSD01



Tgt Ion:105 Resp: 113058
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

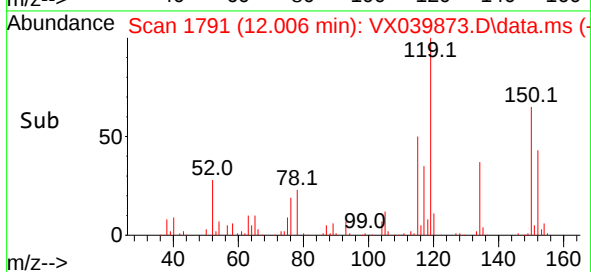
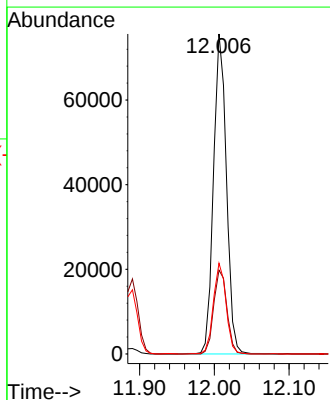
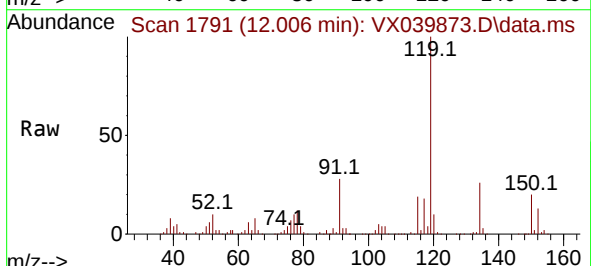
Manual Integrations
 APPROVED

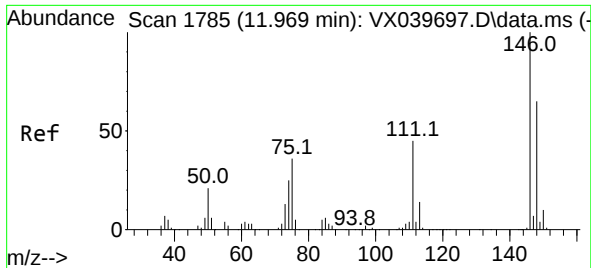
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024



#86
 p-Isopropyltoluene
 Concen: 21.333 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039873.D
 Acq: 22 Jan 2024 11:13

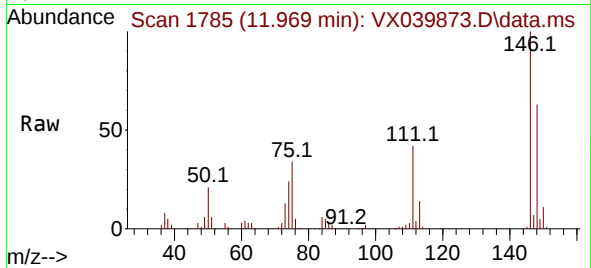
Tgt Ion:119 Resp: 90785
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 27.9 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 21.164 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

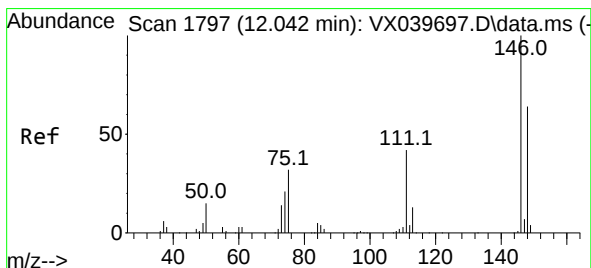
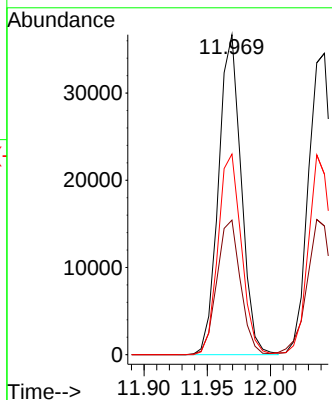
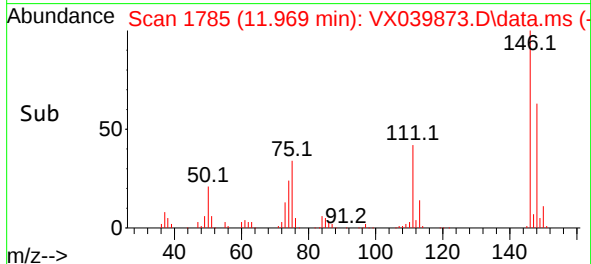
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



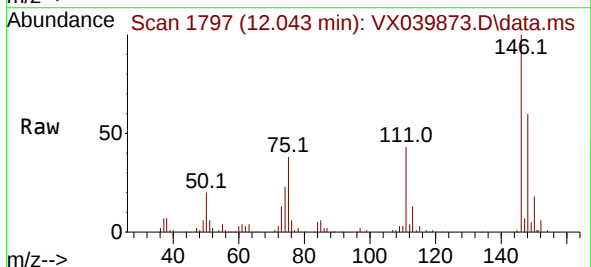
Tgt Ion:146 Resp: 45699
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 64.4 31.8 95.3

Manual Integrations
APPROVED

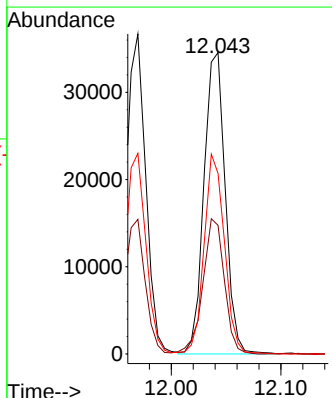
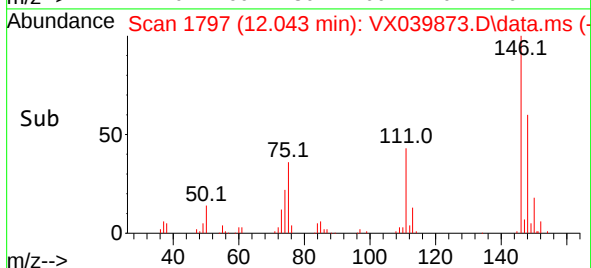
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

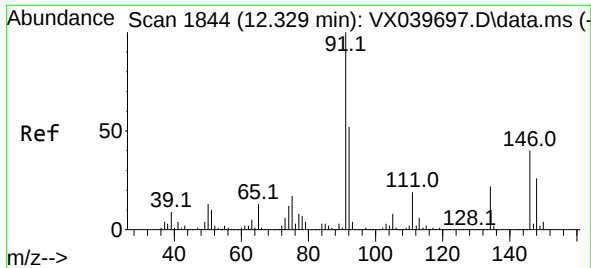


#88
1,4-Dichlorobenzene
Concen: 20.882 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion:146 Resp: 46566
Ion Ratio Lower Upper
146 100
111 45.4 21.3 63.7
148 63.5 31.8 95.4





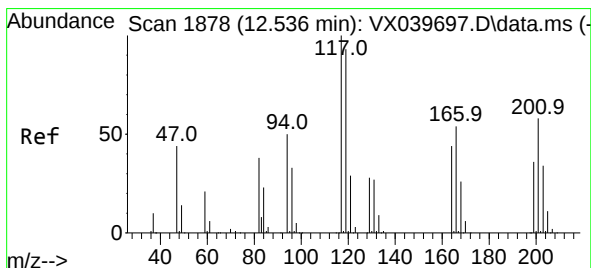
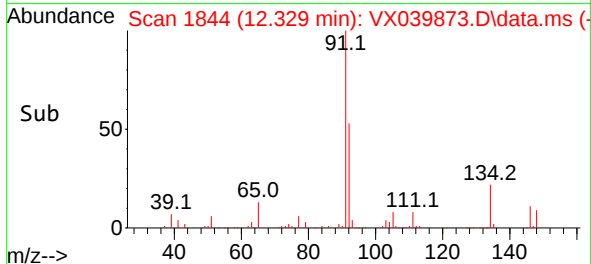
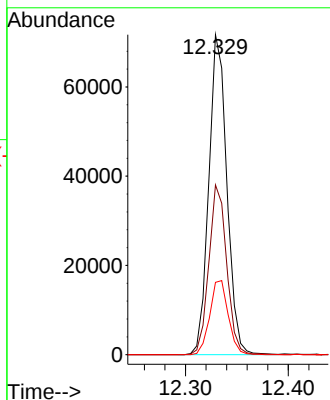
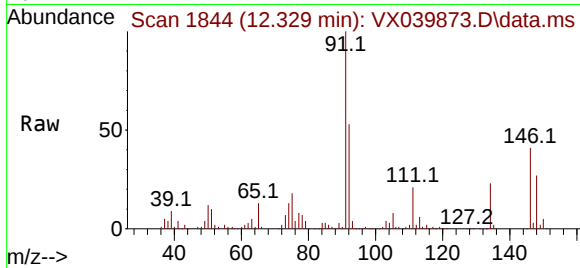
#89
n-Butylbenzene
Concen: 21.282 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01

Tgt Ion: 91 Resp: 8747
Ion Ratio Lower Upper
91 100
92 52.5 27.4 82.0
134 23.8 12.6 37.8

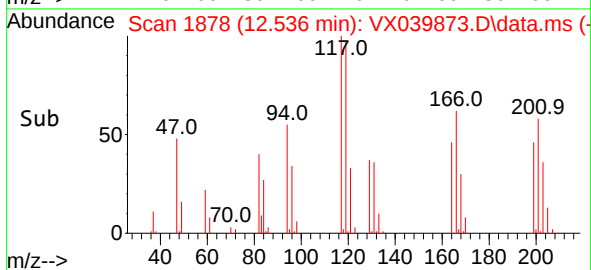
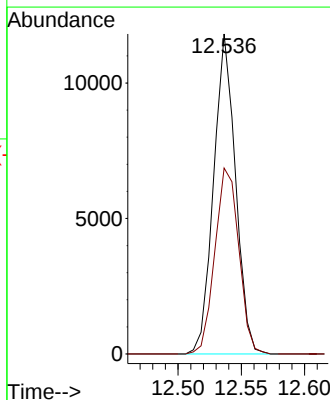
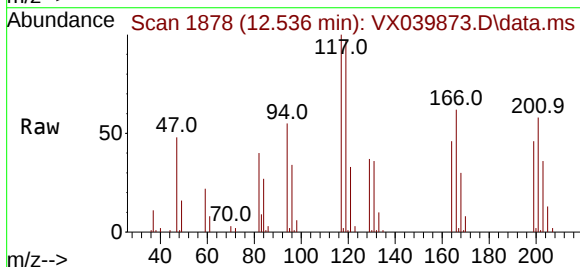
Manual Integrations
APPROVED

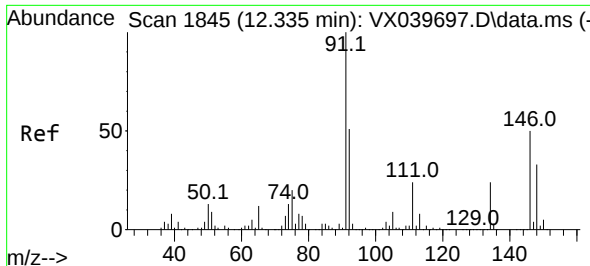
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#90
Hexachloroethane
Concen: 19.778 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

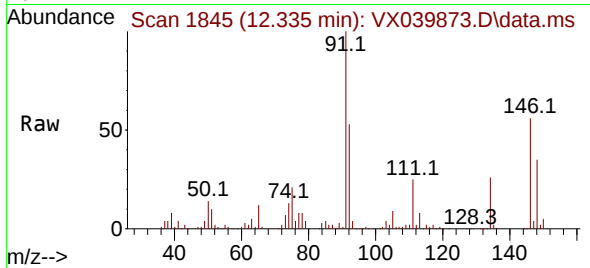
Tgt Ion:117 Resp: 14199
Ion Ratio Lower Upper
117 100
201 63.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 21.000 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13

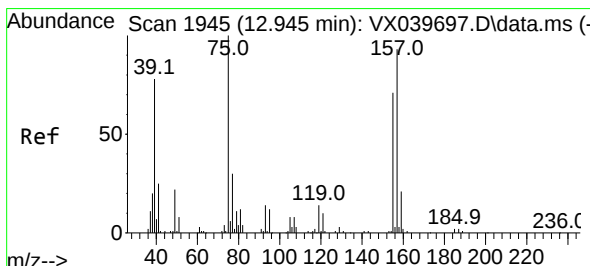
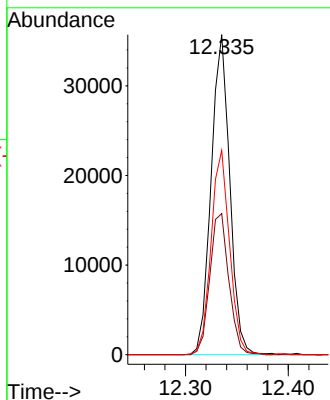
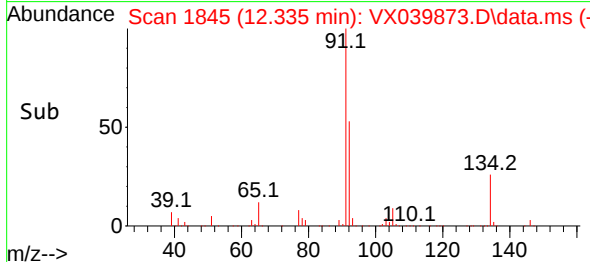
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBSD01



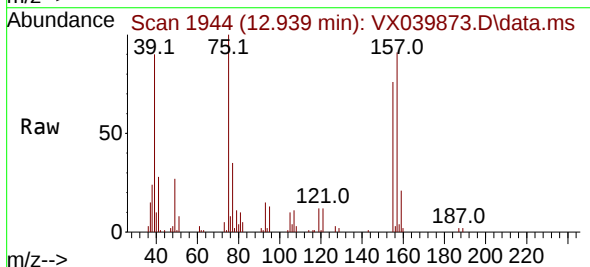
Tgt Ion:146 Resp: 4482
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

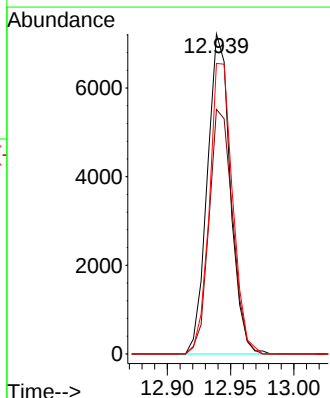
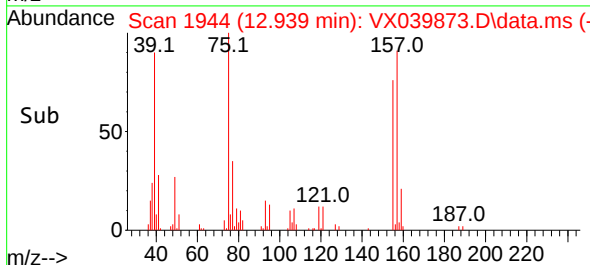
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

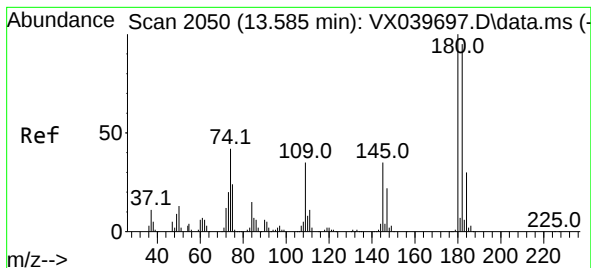


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.288 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039873.D
Acq: 22 Jan 2024 11:13



Tgt Ion: 75 Resp: 9130
Ion Ratio Lower Upper
75 100
155 78.2 36.1 108.5
157 91.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.852 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

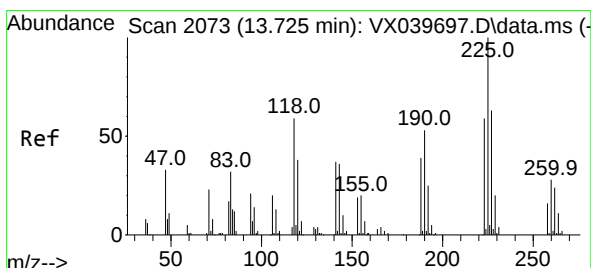
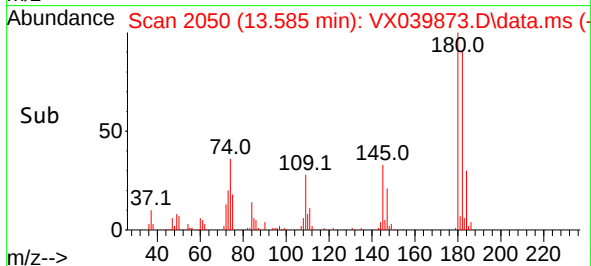
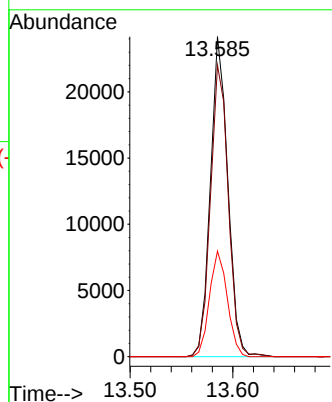
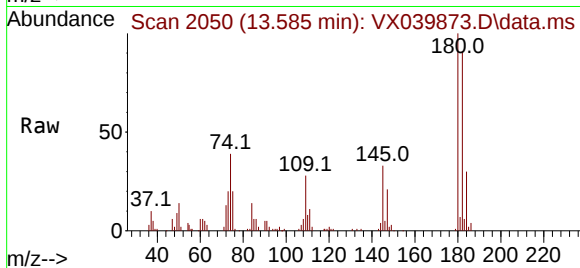
Tgt Ion:180	Resp:	28504
Ion Ratio	Lower	Upper
180	100	
182	93.2	48.3 144.8
145	33.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#94

Hexachlorobutadiene

Concen: 22.363 ug/l

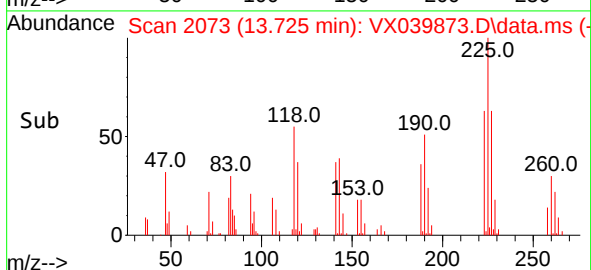
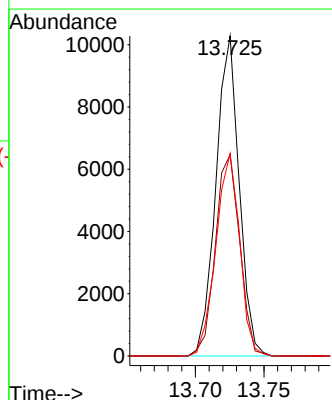
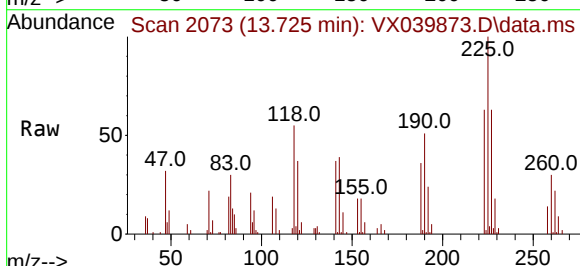
RT: 13.725 min Scan# 2073

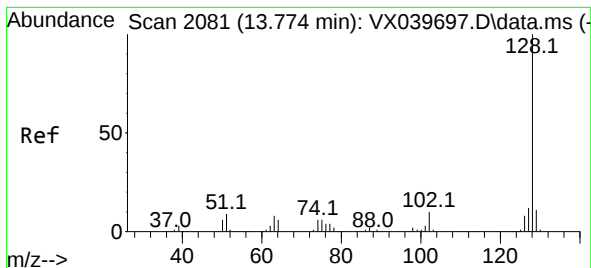
Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion:225	Resp:	12126
Ion Ratio	Lower	Upper
225	100	
223	65.7	31.1 93.2
227	64.6	32.5 97.5





#95

Naphthalene

Concen: 20.412 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBSD01

Tgt Ion:128 Resp: 98018

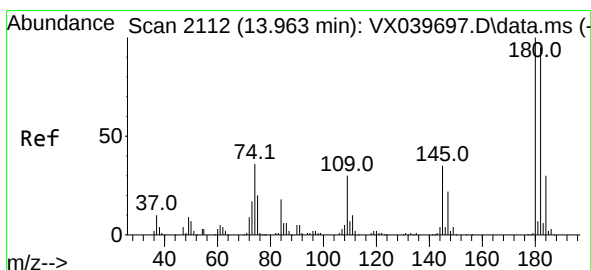
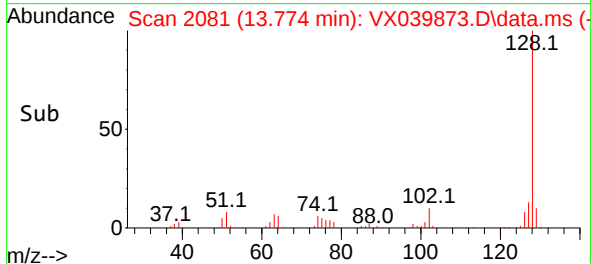
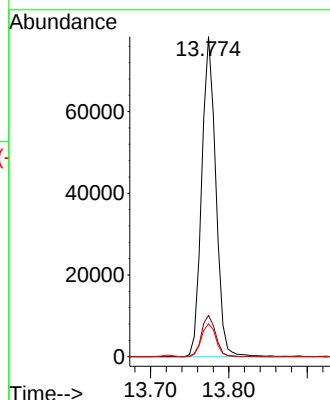
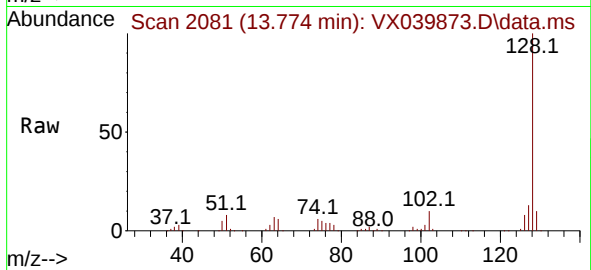
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.324 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039873.D

Acq: 22 Jan 2024 11:13

Tgt Ion:180 Resp: 28073

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.6
145	36.4	17.8	53.5

