

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039970.D
 Acq On : 26 Jan 2024 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 00:35:33 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59252	50.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.379	113	45800	53.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.360%			
50) Toluene-d8	8.647	98	162471	50.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	67251	53.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	45339	50.088	ug/l	96
3) Chloromethane	1.295	50	44748	43.287	ug/l	99
4) Vinyl Chloride	1.374	62	42431	43.493	ug/l	99
5) Bromomethane	1.599	94	34777	62.475	ug/l	98
6) Chloroethane	1.679	64	28168	50.790	ug/l	100
7) Trichlorofluoromethane	1.880	101	66847	47.499	ug/l	97
8) Diethyl Ether	2.130	74	28172	54.168	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	41376	47.423	ug/l	98
10) Methyl Iodide	2.453	142	52593	57.139	ug/l	94
11) Tert butyl alcohol	2.959	59	94427	309.526	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	40410	47.991	ug/l	90
13) Acrolein	2.233	56	77185	421.844	ug/l	98
14) Allyl chloride	2.660	41	81444	49.143	ug/l	98
15) Acrylonitrile	3.063	53	173471	275.279	ug/l	98
16) Acetone	2.374	43	166390	252.452	ug/l	98
17) Carbon Disulfide	2.508	76	112524	46.494	ug/l	98
18) Methyl Acetate	2.697	43	87181	63.225	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	165720	55.436	ug/l	98
20) Methylene Chloride	2.788	84	53562	53.726	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	47409	53.502	ug/l	94
22) Diisopropyl ether	3.757	45	169211	53.502	ug/l	95
23) Vinyl Acetate	3.721	43	803715	273.384	ug/l	99
24) 1,1-Dichloroethane	3.605	63	89204	51.269	ug/l	99
25) 2-Butanone	4.550	43	256254	270.548	ug/l	97
26) 2,2-Dichloropropane	4.471	77	68000	48.696	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	57478	56.555	ug/l	93
28) Bromochloromethane	4.891	49	40205	50.977	ug/l	99
29) Tetrahydrofuran	4.995	42	168891	277.035	ug/l	98
30) Chloroform	5.093	83	95013	55.317	ug/l	94
31) Cyclohexane	5.471	56	71591	46.287	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	75360	51.249	ug/l	98
36) 1,1-Dichloropropene	5.690	75	64951	48.911	ug/l	98
37) Ethyl Acetate	4.709	43	93152	52.582	ug/l	98
38) Carbon Tetrachloride	5.678	117	61771	50.788	ug/l	95
39) Methylcyclohexane	7.379	83	77077	48.336	ug/l	98
40) Benzene	6.031	78	198129	52.691	ug/l	100

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Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 00:35:33 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)
41) Methacrylonitrile	4.916	41	48848	56.386	ug/l	93
42) 1,2-Dichloroethane	6.080	62	79845	55.852	ug/l	99
43) Isopropyl Acetate	6.336	43	145095	55.832	ug/l	99
44) Trichloroethene	7.123	130	49556	53.775	ug/l	95
45) 1,2-Dichloropropane	7.428	63	54364	53.895	ug/l	97
46) Dibromomethane	7.580	93	40169	57.655	ug/l	99
47) Bromodichloromethane	7.818	83	73873	57.250	ug/l	95
48) Methyl methacrylate	7.690	41	70530	55.214	ug/l	94
49) 1,4-Dioxane	7.653	88	29511	1193.944	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	507968	283.809	ug/l	99
52) Toluene	8.714	92	126751	56.435	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	82177	60.017	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89043	59.142	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55738	58.289	ug/l	95
56) Ethyl methacrylate	9.116	69	90890	58.728	ug/l	98
57) 1,3-Dichloropropane	9.305	76	93030	57.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	203470	278.144	ug/l	96
59) 2-Hexanone	9.427	43	410633	289.883	ug/l	100
60) Dibromochloromethane	9.519	129	56774	62.958	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60078	60.670	ug/l	100
64) Tetrachloroethene	9.269	164	39496	50.121	ug/l	97
65) Chlorobenzene	10.080	112	138050	54.699	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	48456	56.385	ug/l	98
67) Ethyl Benzene	10.195	91	246561	52.621	ug/l	99
68) m/p-Xylenes	10.299	106	189539	109.991	ug/l	99
69) o-Xylene	10.640	106	94479	55.363	ug/l	99
70) Styrene	10.653	104	160097	57.430	ug/l	98
71) Bromoform	10.799	173	40758	63.162	ug/l #	100
73) Isopropylbenzene	10.964	105	241712	47.795	ug/l	100
74) N-amyl acetate	10.842	43	134370	50.973	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	97187	50.326	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81027m	49.202	ug/l	
77) Bromobenzene	11.195	156	58132	51.626	ug/l	100
78) n-propylbenzene	11.305	91	295597	48.293	ug/l	98
79) 2-Chlorotoluene	11.366	91	176194	46.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212642	49.507	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27733	50.255	ug/l	92
82) 4-Chlorotoluene	11.451	91	210091	48.960	ug/l	100
83) tert-Butylbenzene	11.713	119	200129	48.804	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	216768	50.586	ug/l	98
85) sec-Butylbenzene	11.890	105	255131	47.929	ug/l	99
86) p-Isopropyltoluene	12.006	119	213811	50.257	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115214	53.378	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	116689	52.343	ug/l	99
89) n-Butylbenzene	12.329	91	204393	49.742	ug/l	97
90) Hexachloroethane	12.536	117	34640	48.264	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	111986	52.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24199	51.138	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	71744	55.017	ug/l	98
94) Hexachlorobutadiene	13.725	225	23668	43.661	ug/l	98
95) Naphthalene	13.774	128	267019	55.621	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73331	55.718	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

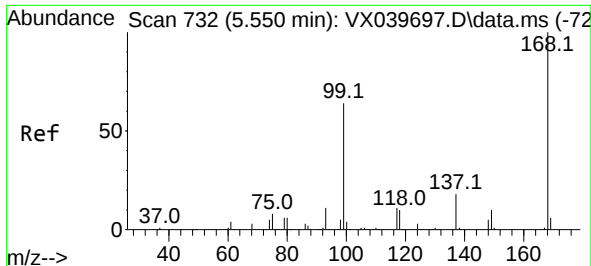
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 00:35:33 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

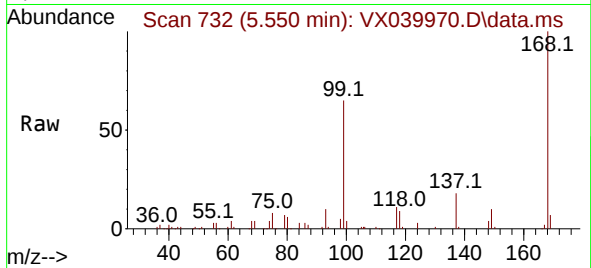
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039970.D
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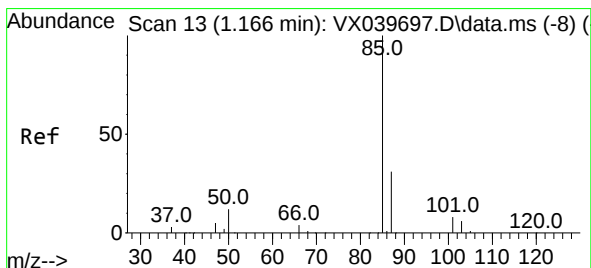
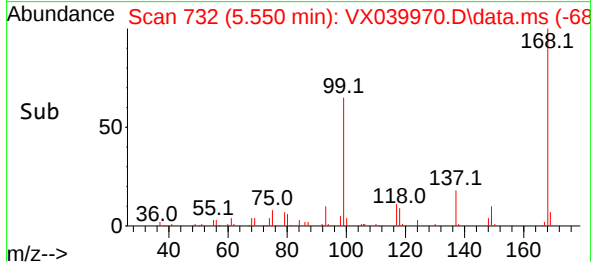
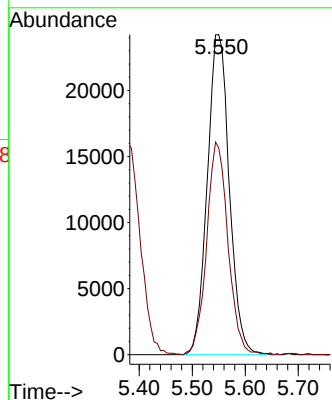
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 6996
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0

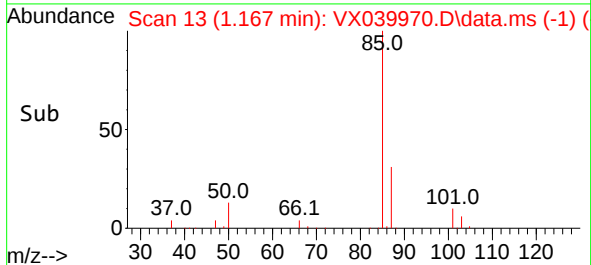
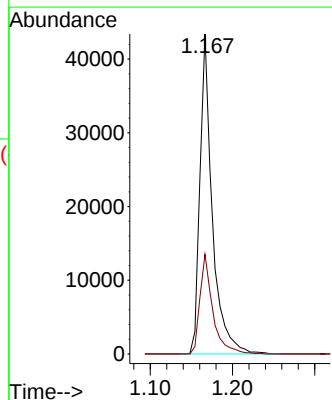
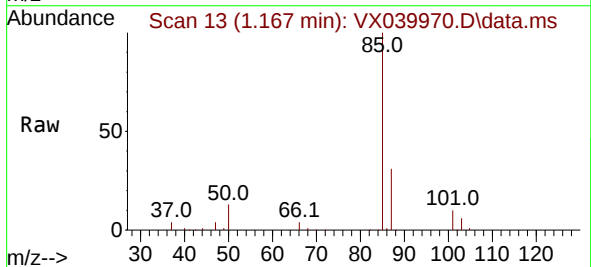
Manual Integrations
APPROVED

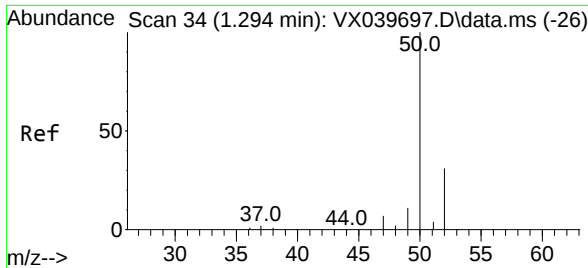
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#2
Dichlorodifluoromethane
Concen: 50.088 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

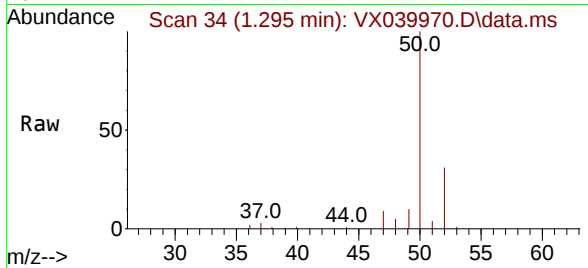
Tgt Ion: 85 Resp: 45339
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3
Chloromethane
Concen: 43.287 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

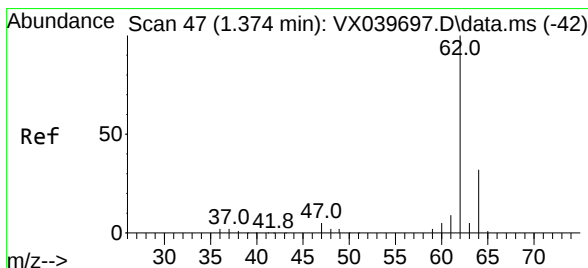
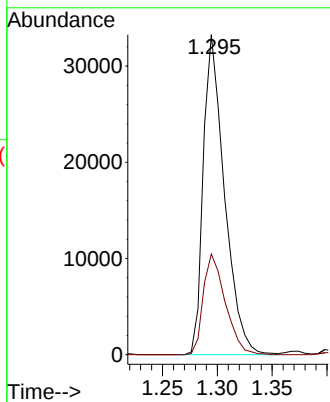
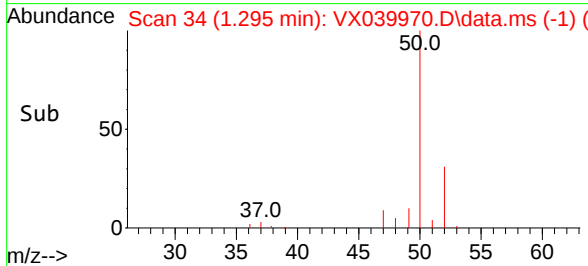
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



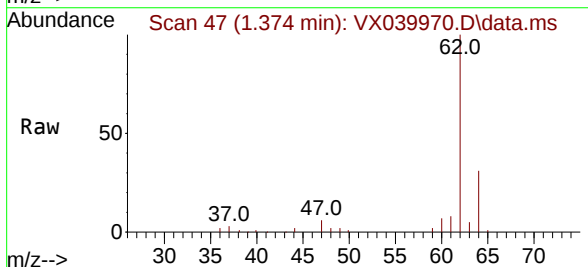
Tgt Ion: 50 Resp: 44748
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

Manual Integrations
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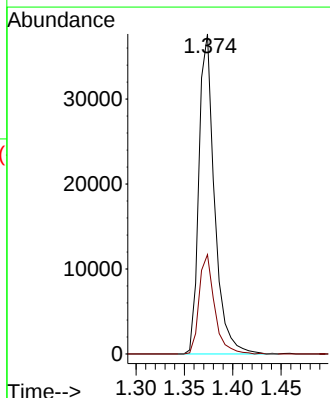
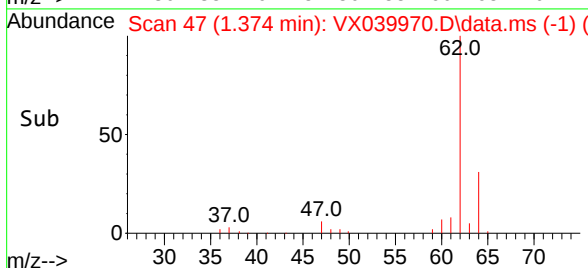
Reviewed By :John Carlone 01/29/2024
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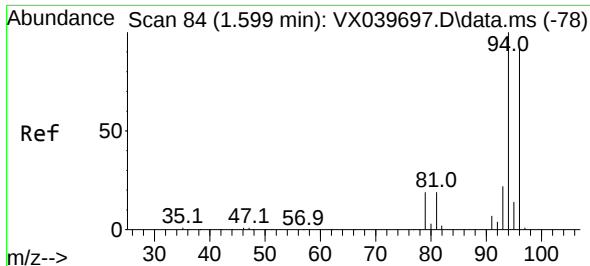


#4
Vinyl Chloride
Concen: 43.493 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



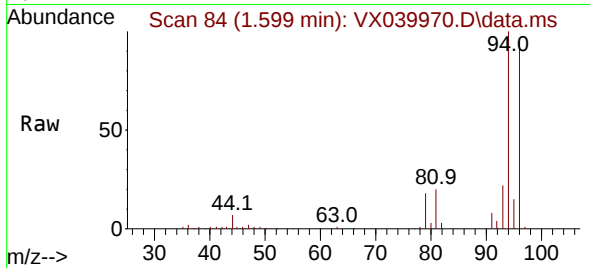
Tgt Ion: 62 Resp: 42431
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5
Bromomethane
Concen: 62.475 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

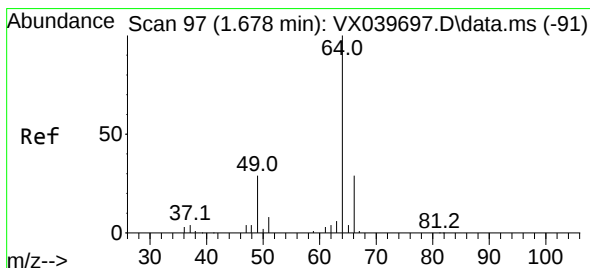
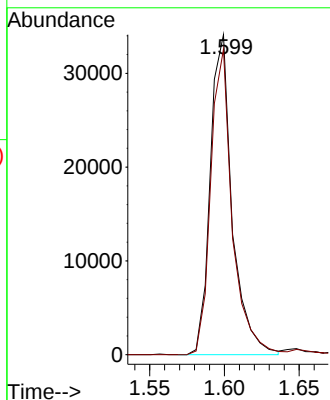
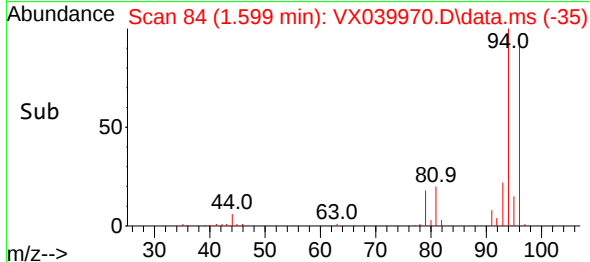
Instrument :
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Tgt Ion: 94 Resp: 3477
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

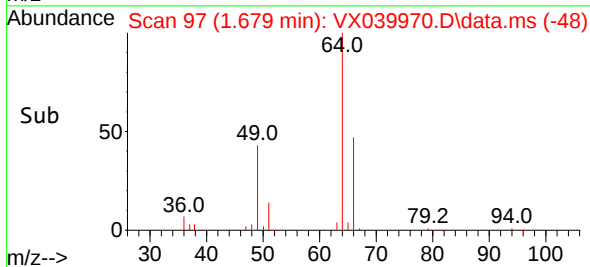
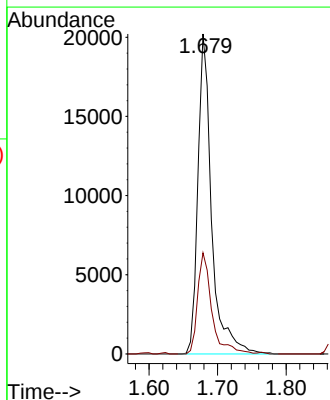
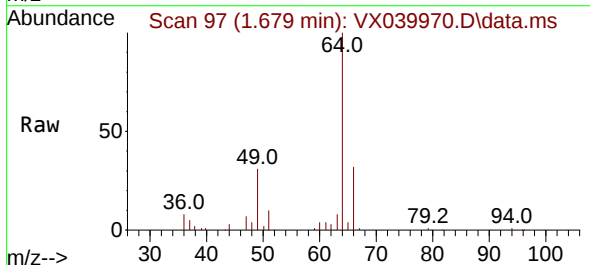
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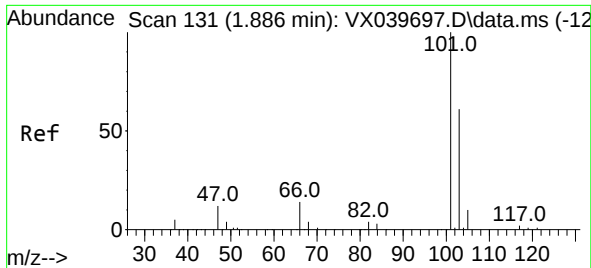
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#6
Chloroethane
Concen: 50.790 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 64 Resp: 28168
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





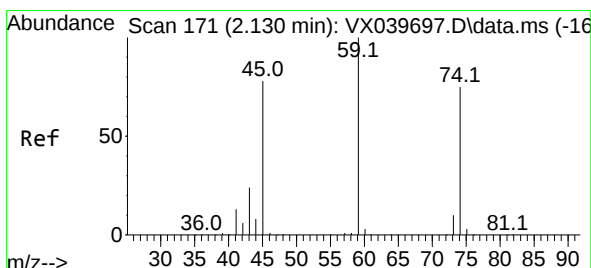
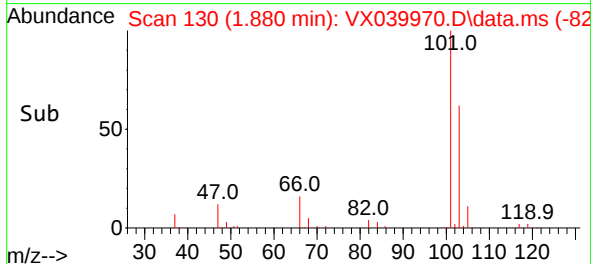
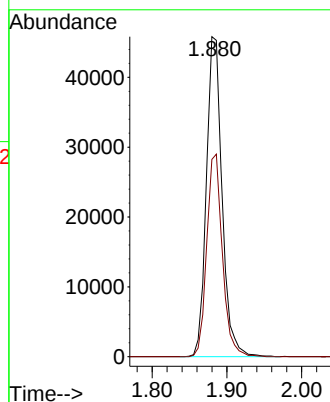
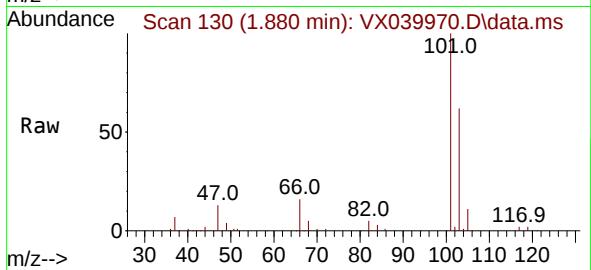
#7
Trichlorofluoromethane
Concen: 47.499 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6684
Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.2

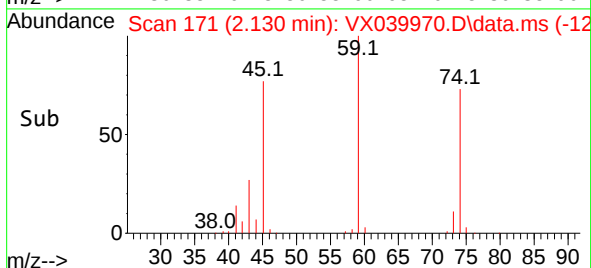
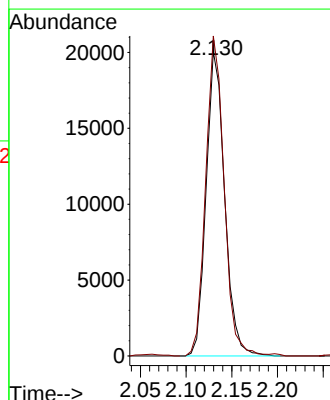
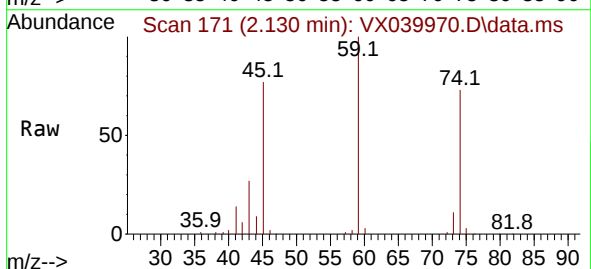
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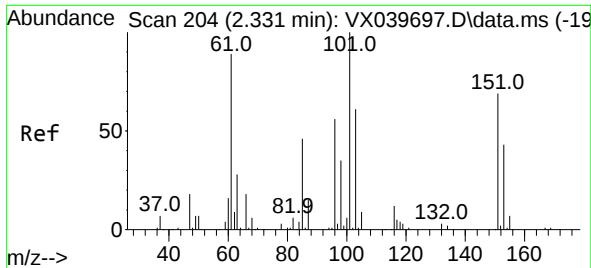
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#8
Diethyl Ether
Concen: 54.168 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 74 Resp: 28172
Ion Ratio Lower Upper
74 100
45 104.7 53.3 159.8





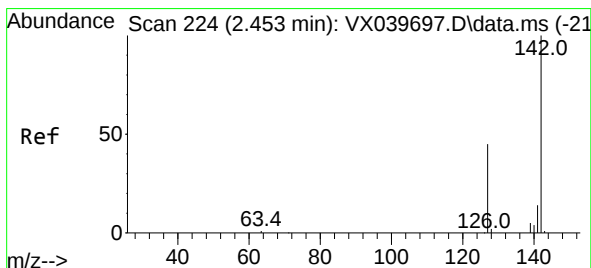
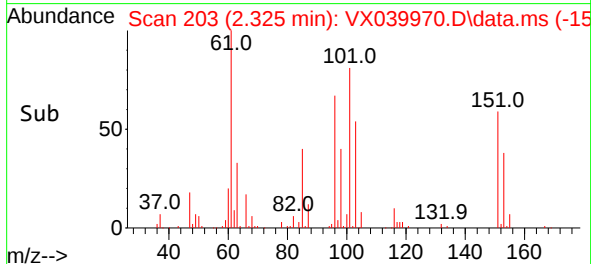
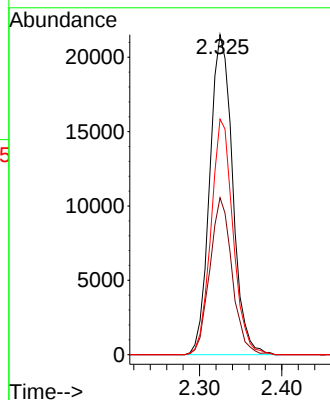
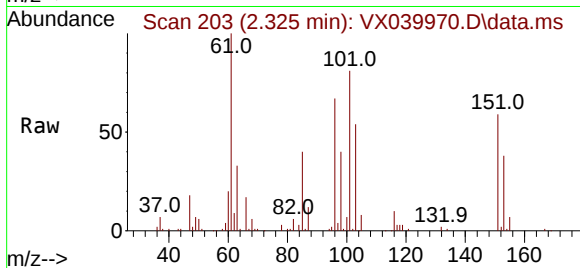
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.423 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 41370
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 71.4 58.6 87.8

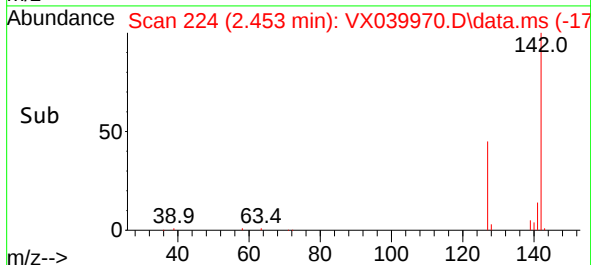
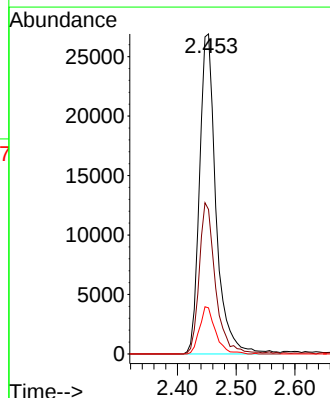
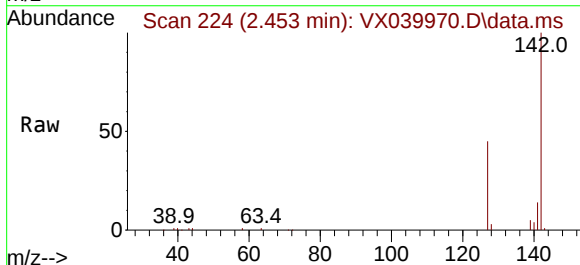
Manual Integrations
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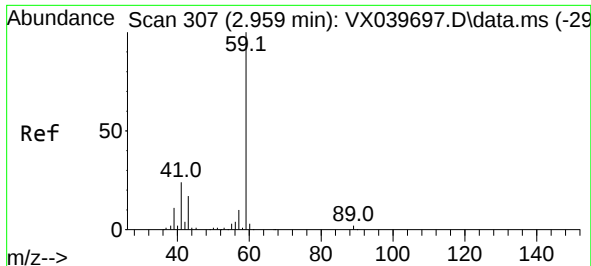
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#10
Methyl Iodide
Concen: 57.139 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

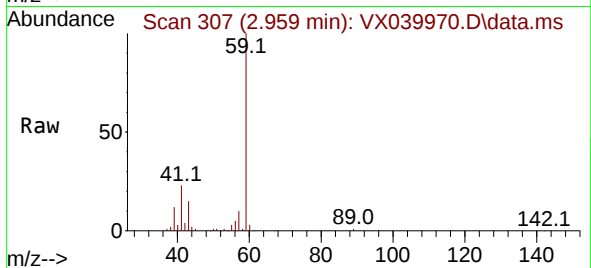
Tgt Ion:142 Resp: 52593
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 309.526 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

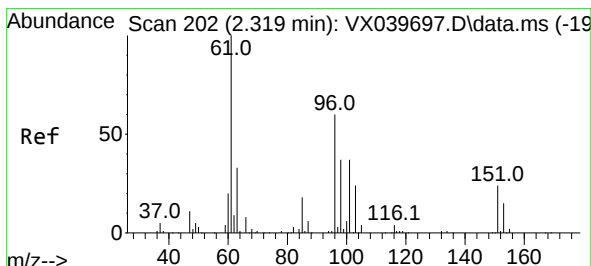
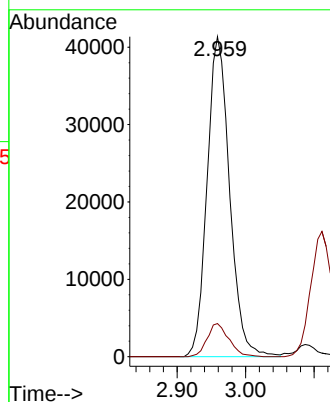
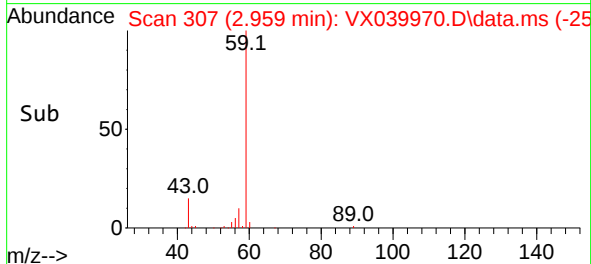
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



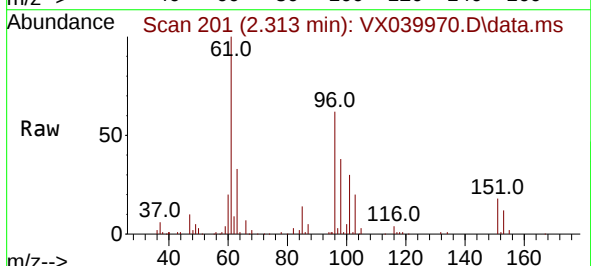
Tgt Ion: 59 Resp: 9442
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

Manual Integrations
APPROVED

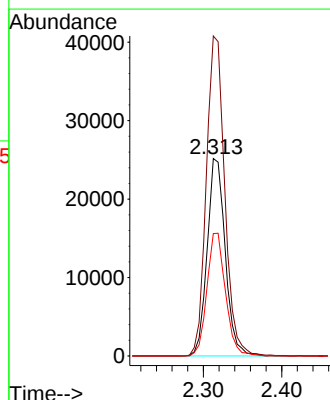
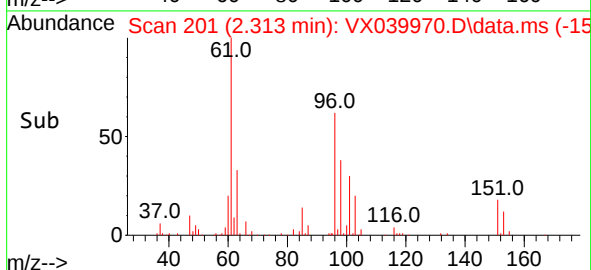
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

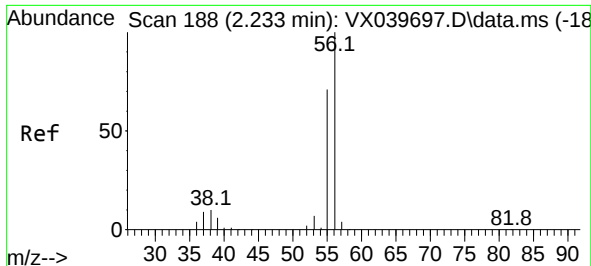


#12
1,1-Dichloroethene
Concen: 47.991 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



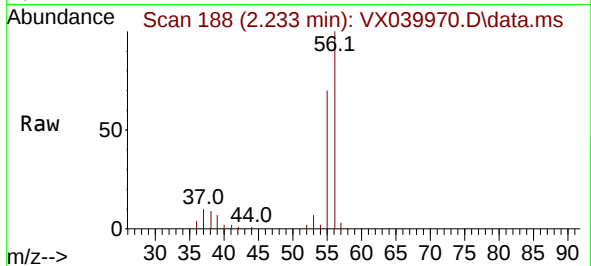
Tgt Ion: 96 Resp: 40410
Ion Ratio Lower Upper
96 100
61 162.1 144.6 216.8
98 62.0 50.4 75.6





#13
Acrolein
Concen: 421.844 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

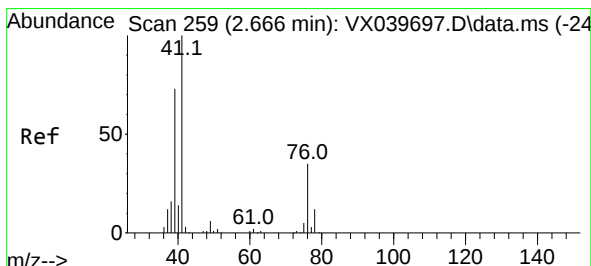
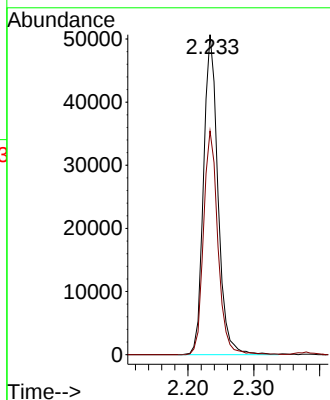
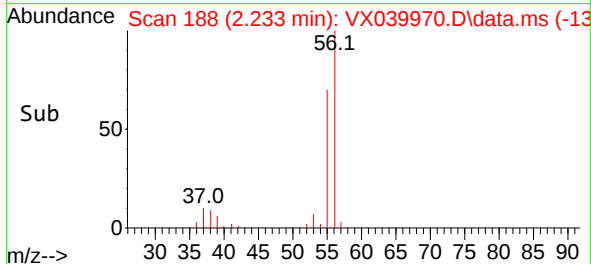
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7718
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

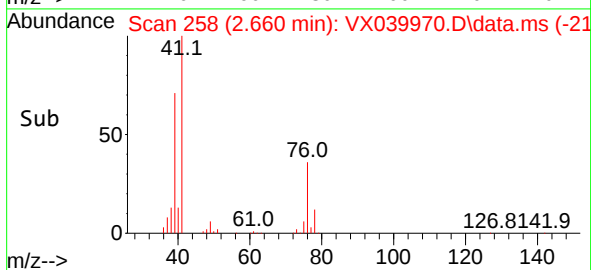
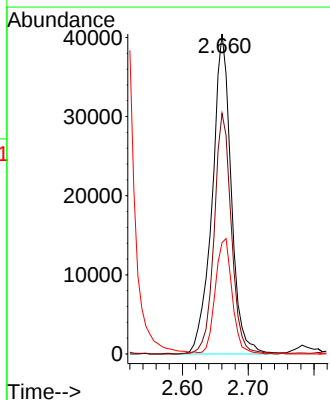
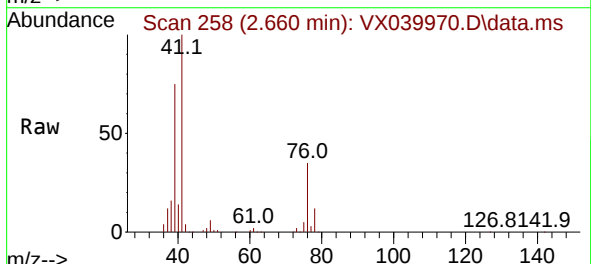
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#14
Allyl chloride
Concen: 49.143 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

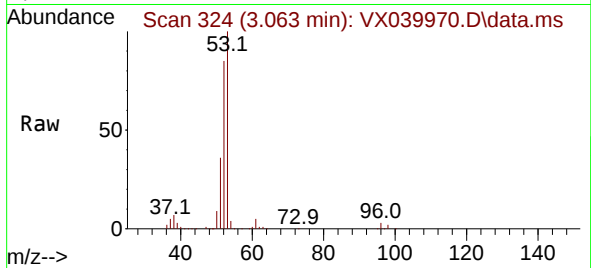
Tgt Ion: 41 Resp: 81444
Ion Ratio Lower Upper
41 100
39 67.8 55.8 83.6
76 31.9 24.3 36.5





#15
Acrylonitrile
Concen: 275.279 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

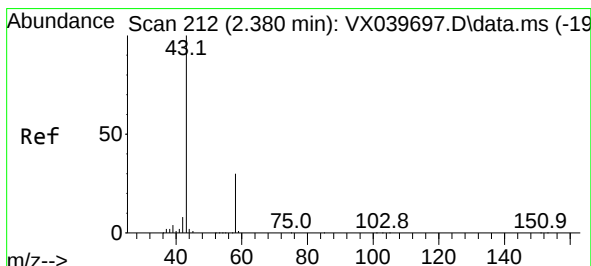
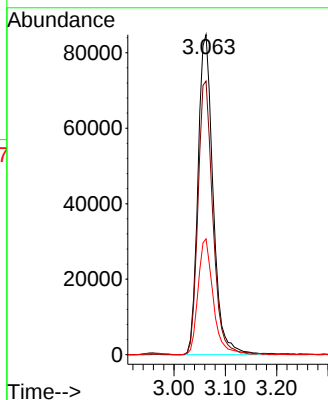
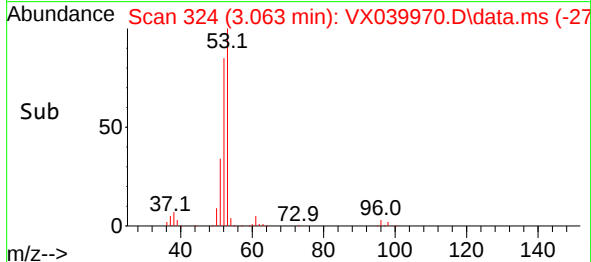
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17347
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 36.3 29.8 44.6

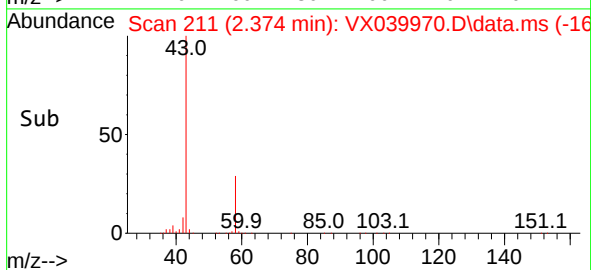
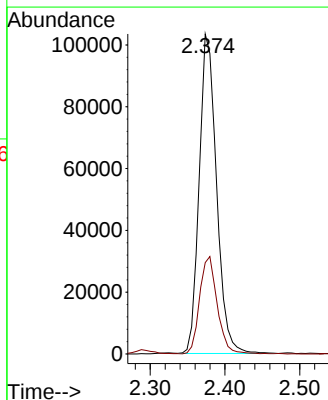
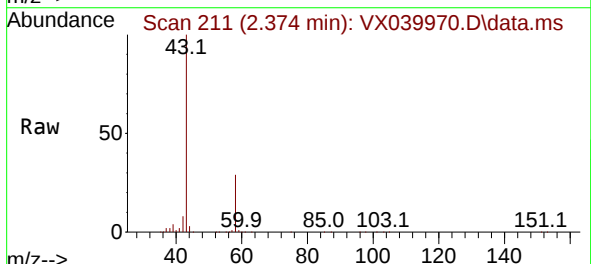
Manual Integrations
APPROVED

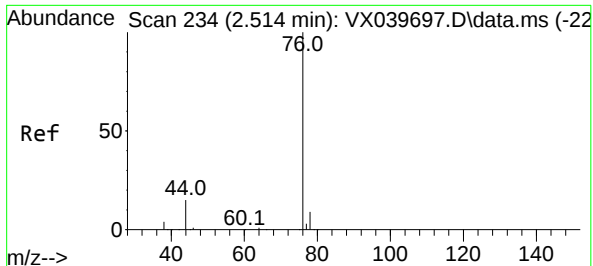
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#16
Acetone
Concen: 252.452 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 43 Resp: 166390
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9





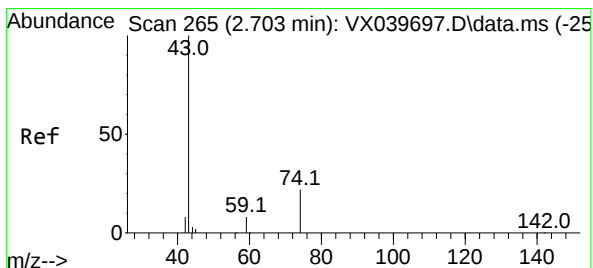
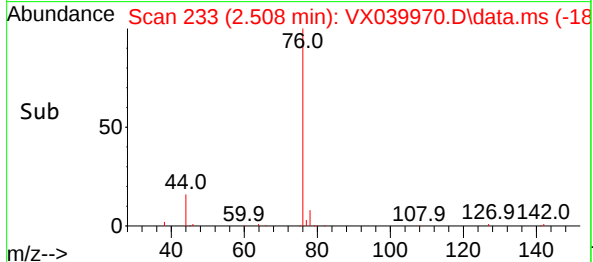
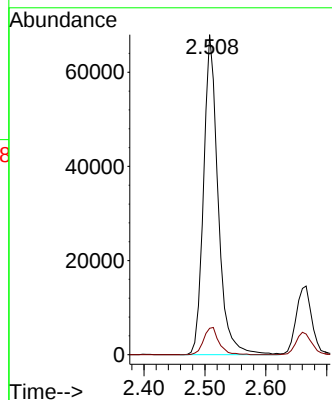
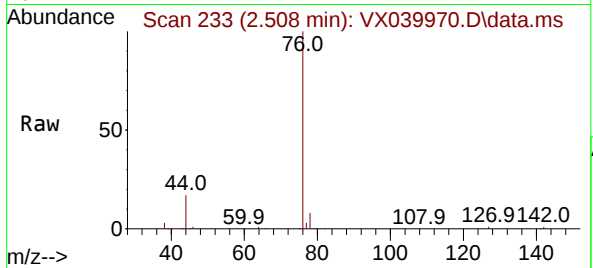
#17
Carbon Disulfide
Concen: 46.494 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 112524
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

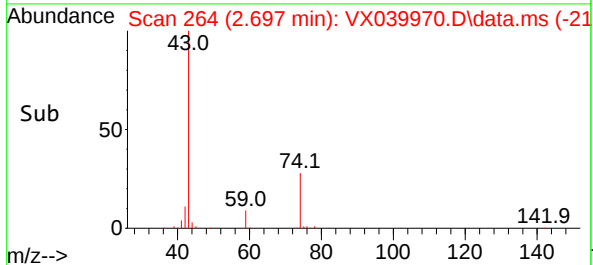
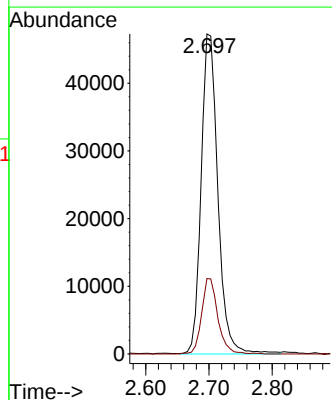
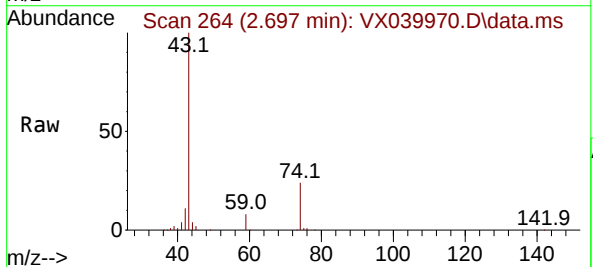
Manual Integrations
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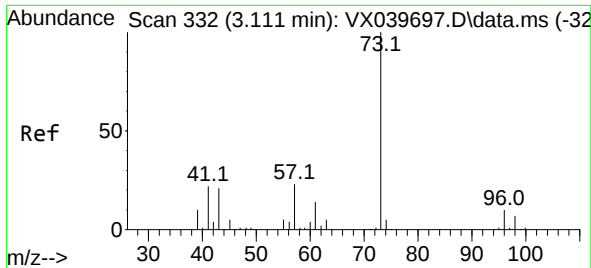
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#18
Methyl Acetate
Concen: 63.225 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 43 Resp: 87181
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8





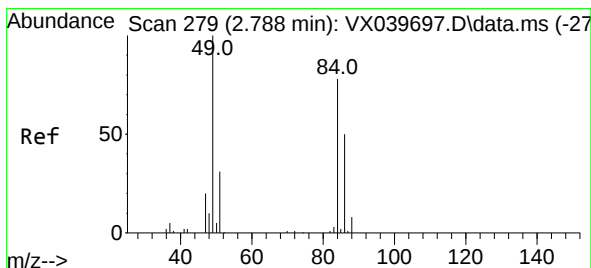
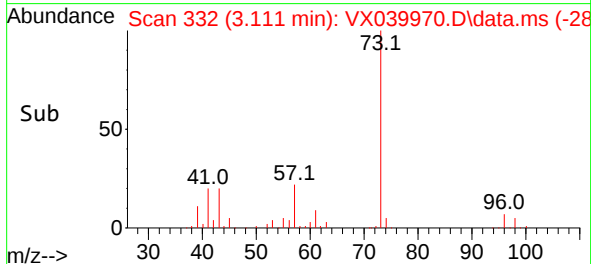
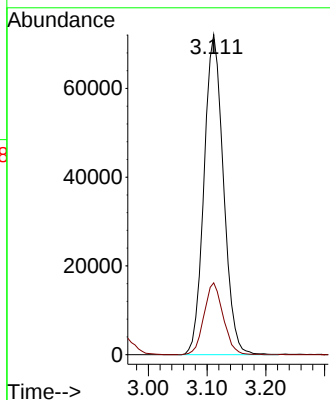
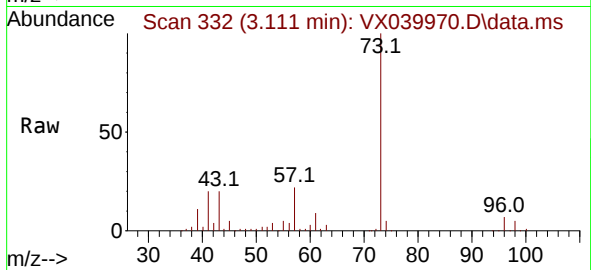
#19
Methyl tert-butyl Ether
Concen: 55.436 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 165720
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

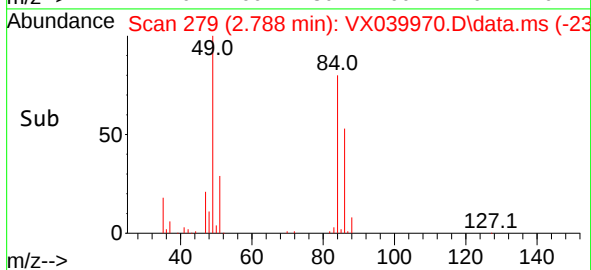
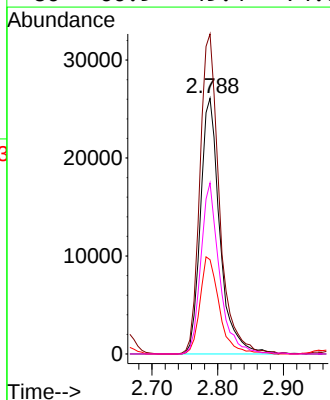
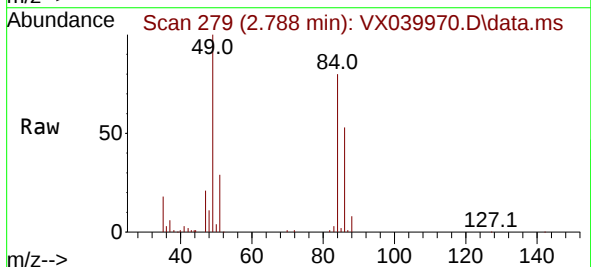
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#20
Methylene Chloride
Concen: 53.726 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

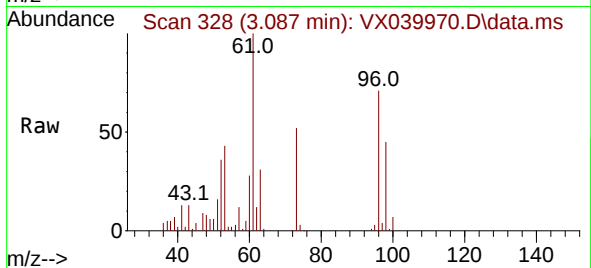
Tgt Ion: 84 Resp: 53562
Ion Ratio Lower Upper
84 100
49 125.1 103.6 155.4
51 36.8 33.8 50.6
86 66.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.502 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

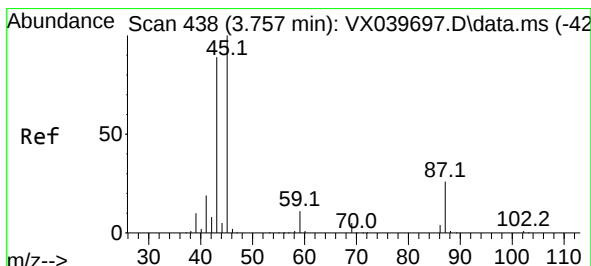
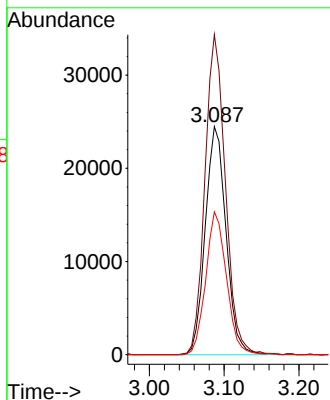
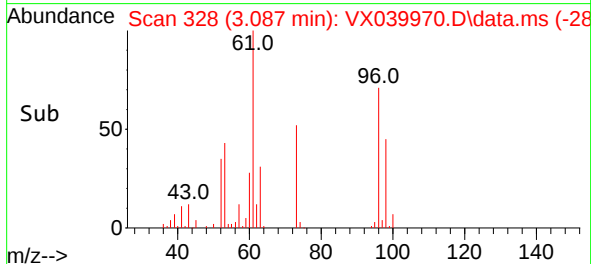
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 47409
Ion Ratio Lower Upper
96 100
61 140.2 119.2 178.8
98 62.7 48.7 73.1

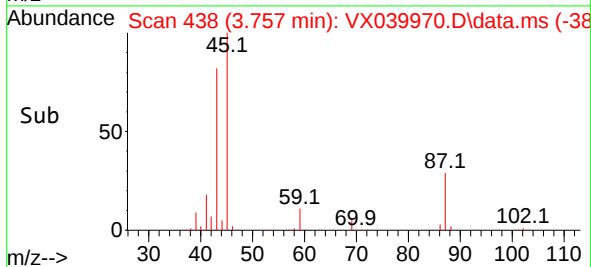
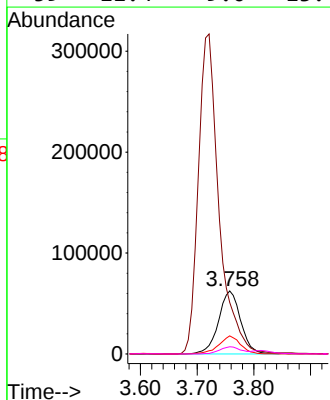
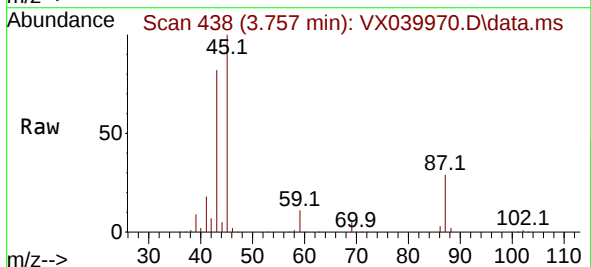
Manual Integrations
APPROVED

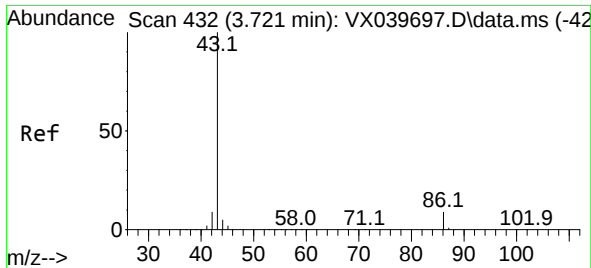
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#22
Diisopropyl ether
Concen: 53.502 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

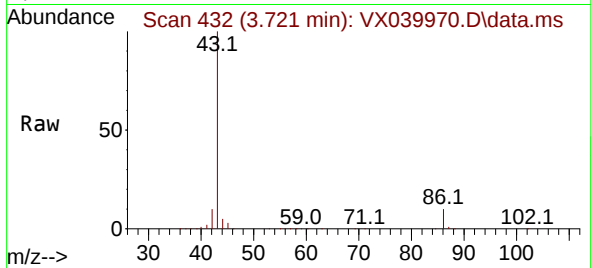
Tgt Ion: 45 Resp: 169211
Ion Ratio Lower Upper
45 100
43 81.6 69.7 104.5
87 28.6 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 273.384 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039970.D
 Acq: 26 Jan 2024 10:02

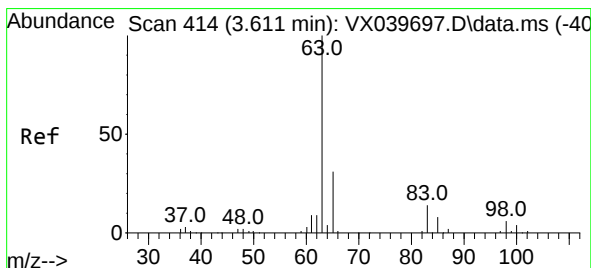
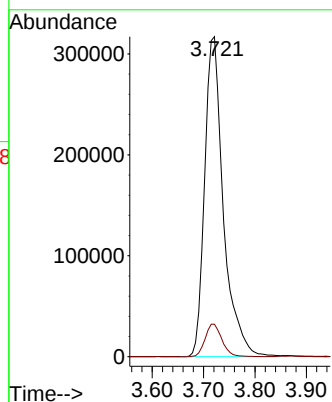
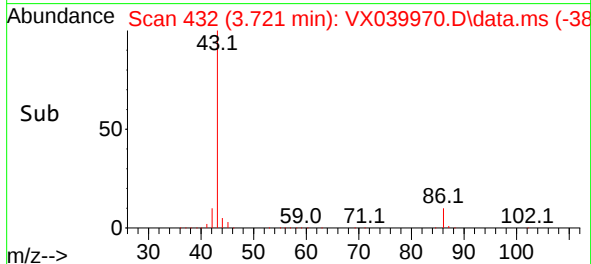
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



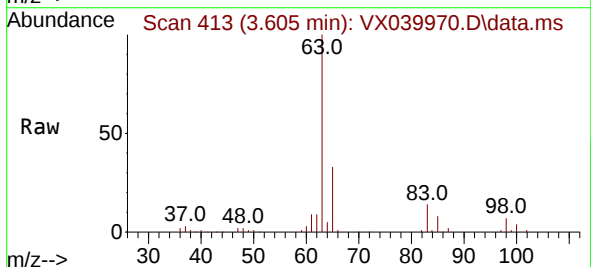
Tgt Ion: 43 Resp: 803715
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
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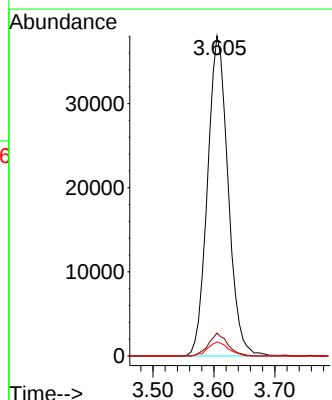
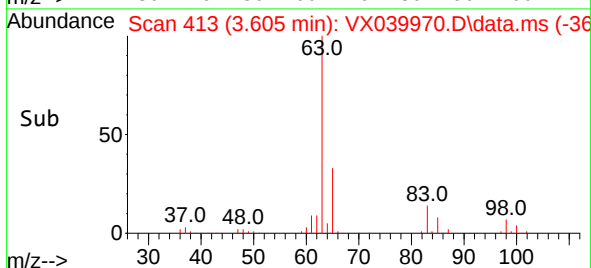
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/29/2024

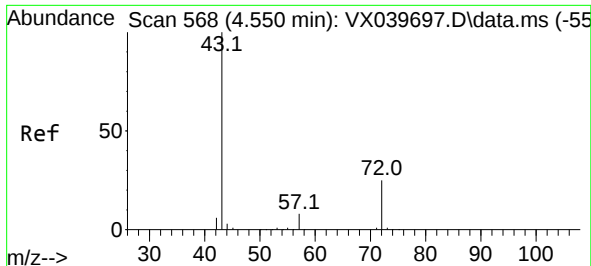


#24
 1,1-Dichloroethane
 Concen: 51.269 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039970.D
 Acq: 26 Jan 2024 10:02



Tgt Ion: 63 Resp: 89204
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.4 2.1 6.5





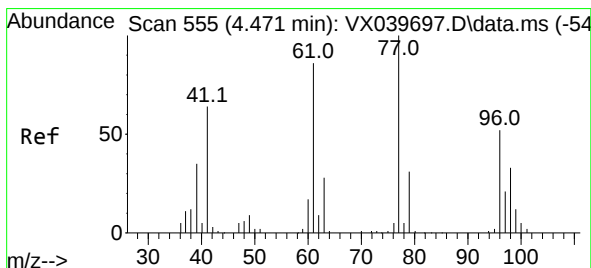
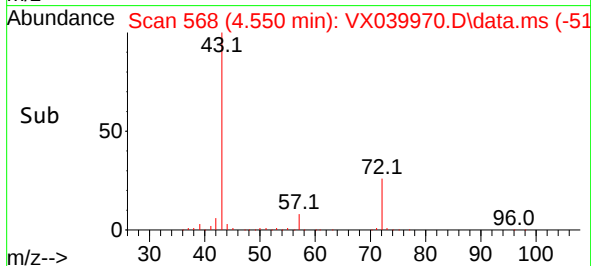
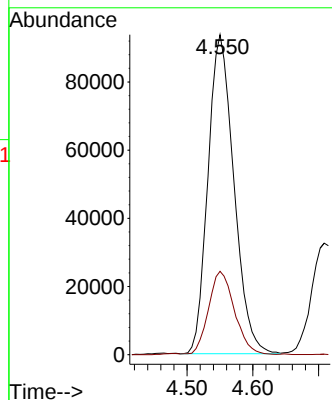
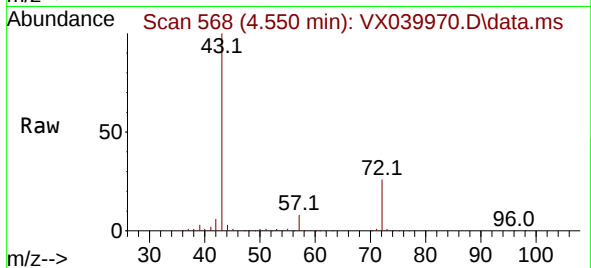
#25
2-Butanone
Concen: 270.548 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 256254
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2

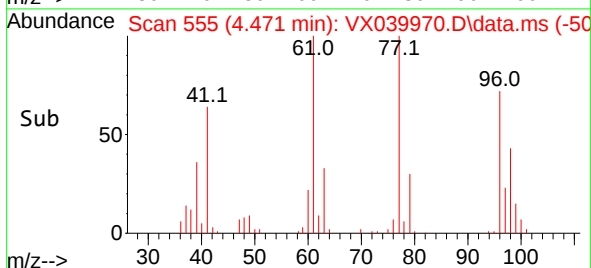
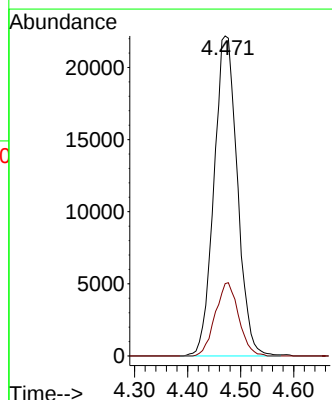
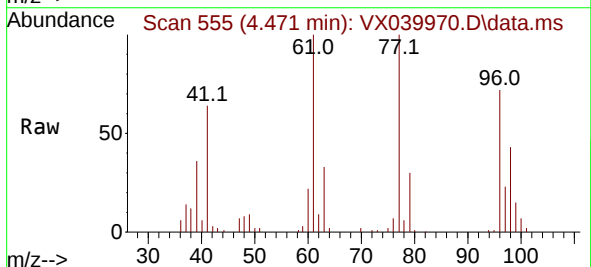
Manual Integrations
APPROVED

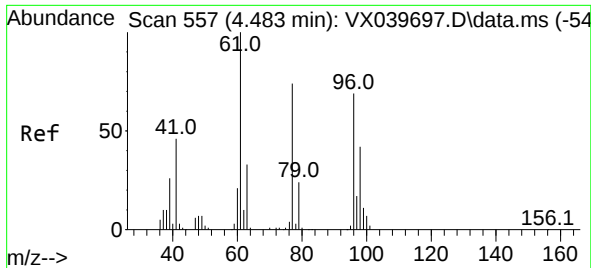
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#26
2,2-Dichloropropane
Concen: 48.696 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

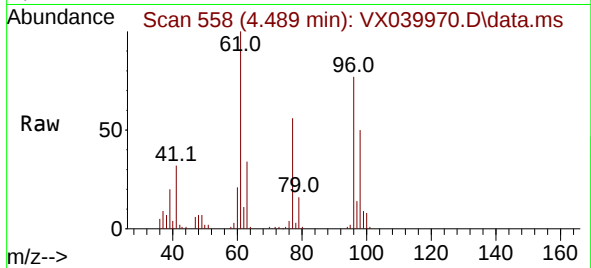
Tgt Ion: 77 Resp: 68000
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 56.555 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

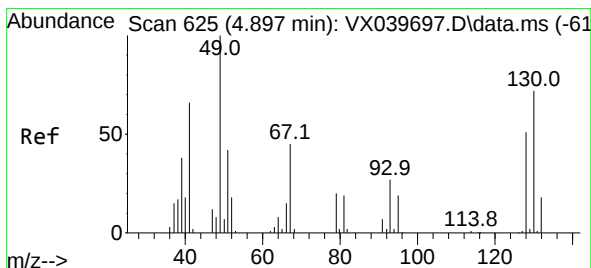
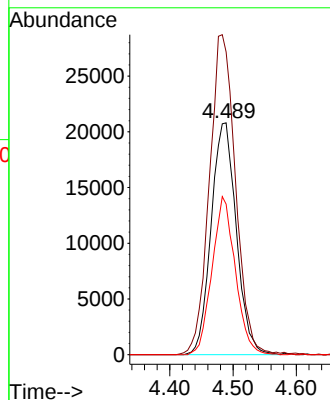
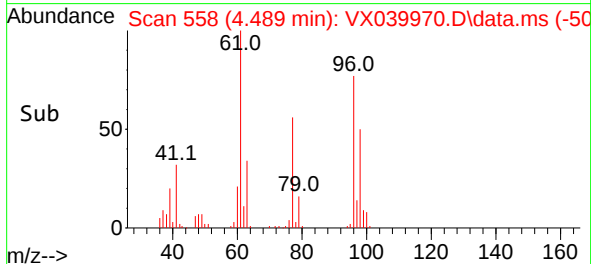
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 57478
Ion Ratio Lower Upper
96 100
61 143.4 0.0 312.2
98 63.1 0.0 129.0

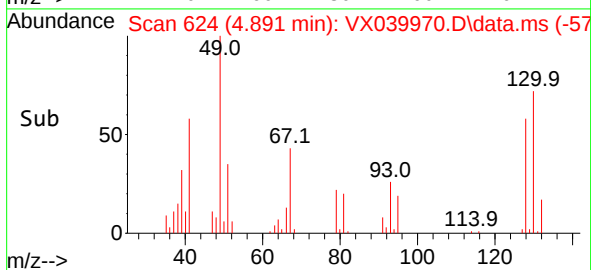
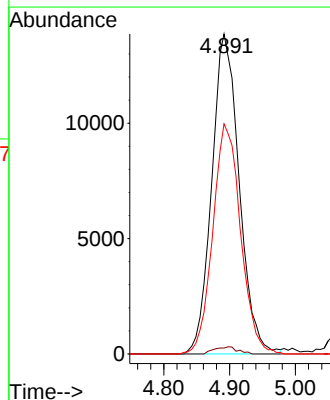
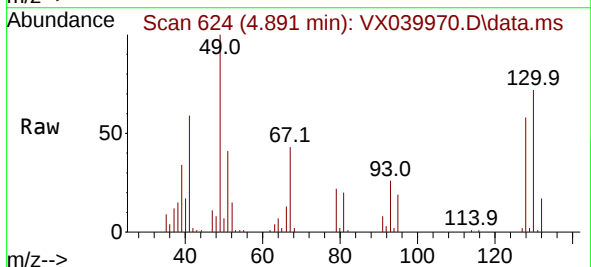
Manual Integrations
APPROVED

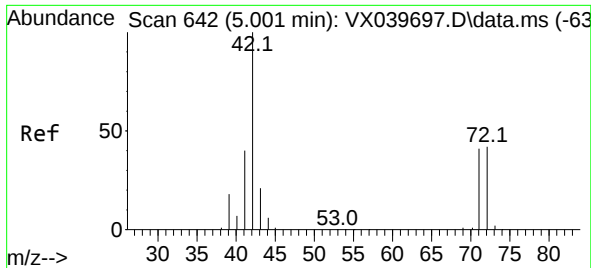
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#28
Bromochloromethane
Concen: 50.977 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 49 Resp: 40205
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 72.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 277.035 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16889

Ion Ratio Lower Upper

42 100

72 44.1 34.2 51.4

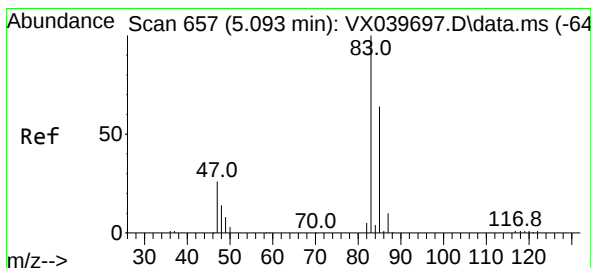
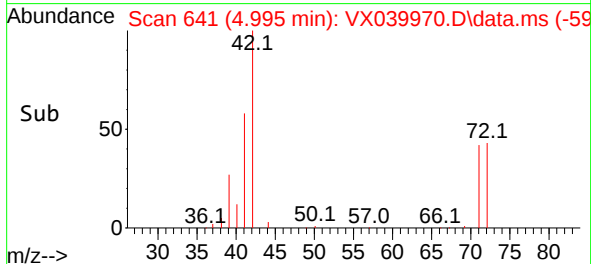
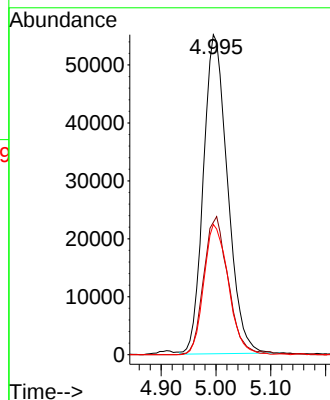
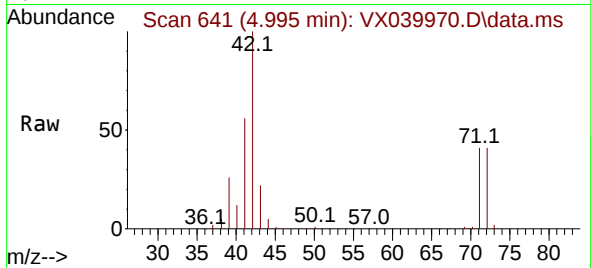
71 41.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#30

Chloroform

Concen: 55.317 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039970.D

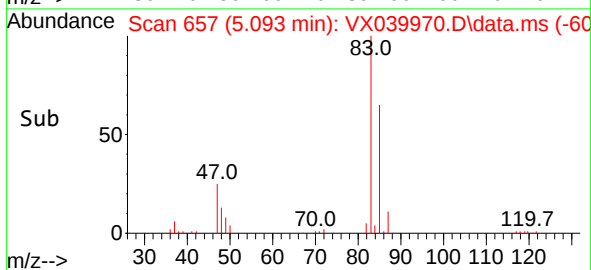
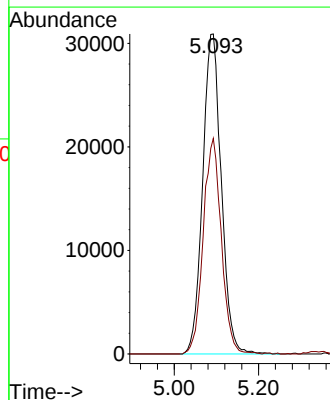
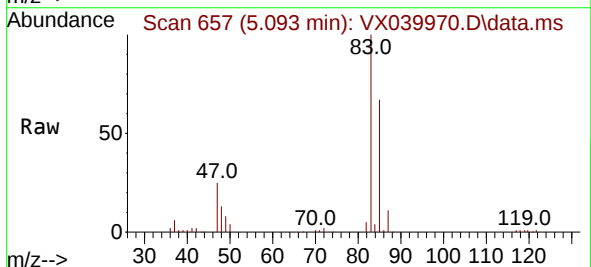
Acq: 26 Jan 2024 10:02

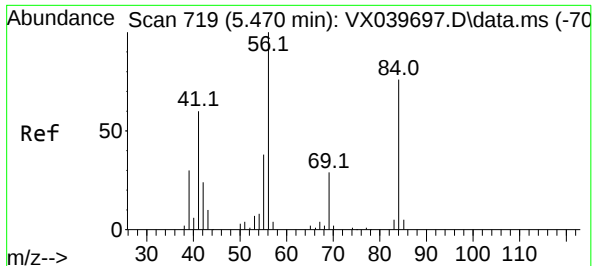
Tgt Ion: 83 Resp: 95013

Ion Ratio Lower Upper

83 100

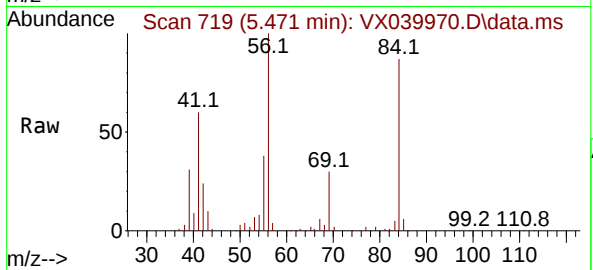
85 67.3 50.3 75.5





#31
Cyclohexane
Concen: 46.287 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

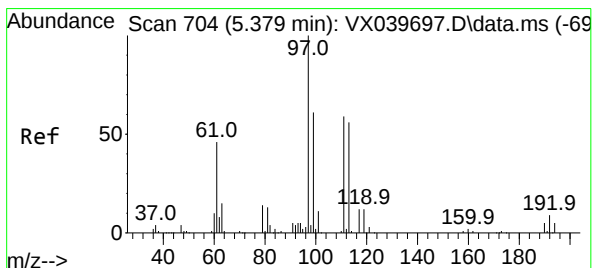
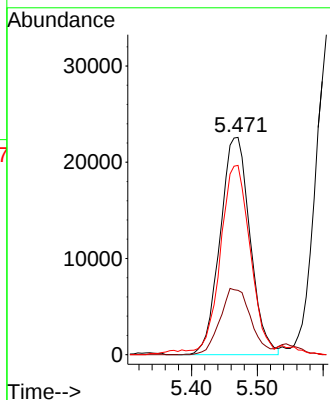
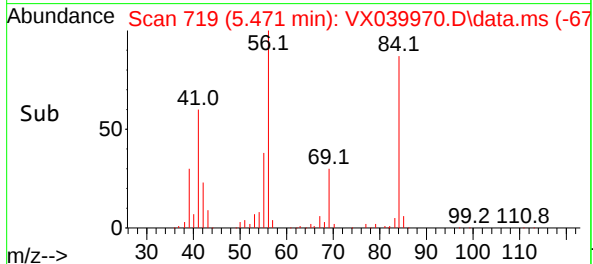
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7159
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 85.6 65.9 98.9

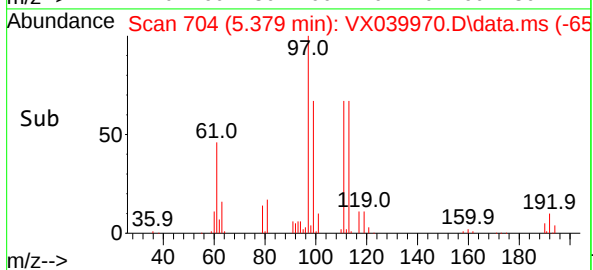
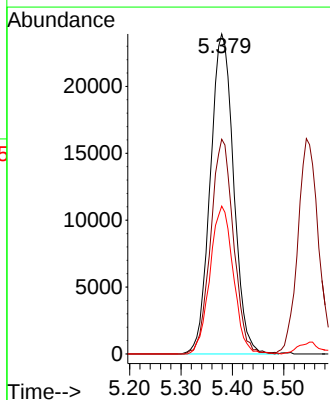
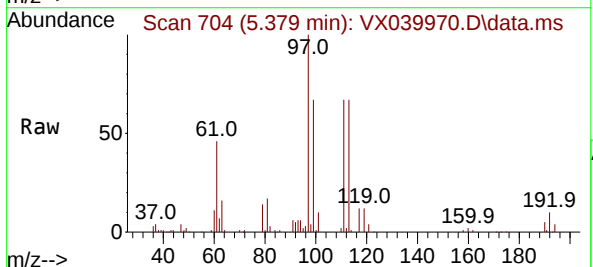
Manual Integrations
APPROVED

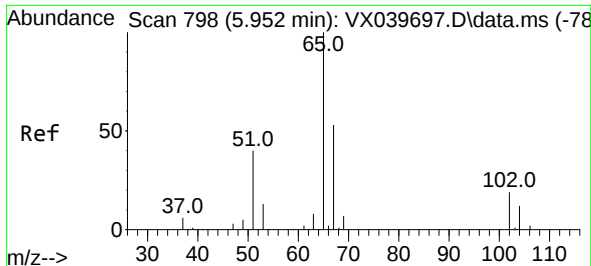
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#32
1,1,1-Trichloroethane
Concen: 51.249 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 97 Resp: 75360
Ion Ratio Lower Upper
97 100
99 65.8 51.1 76.7
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.559 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5925

Ion Ratio Lower Upper

65 100

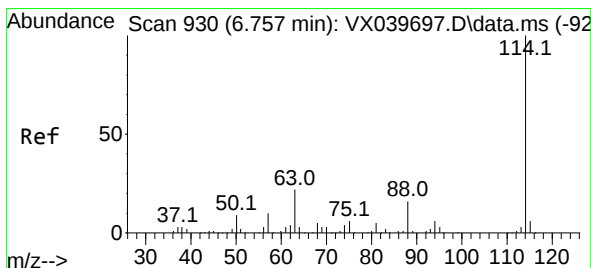
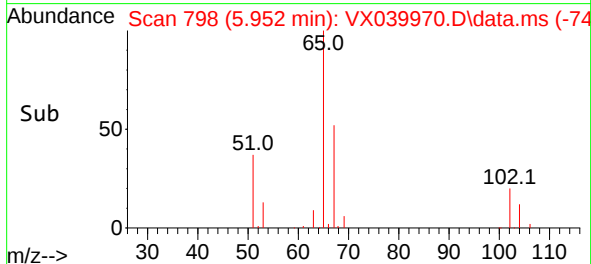
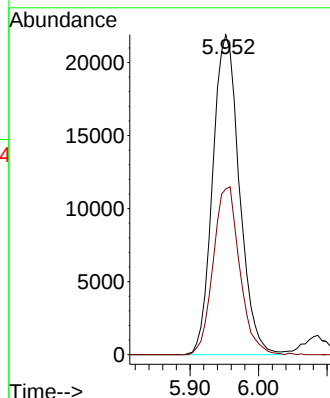
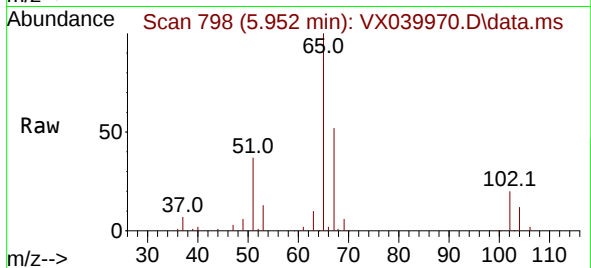
67 52.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

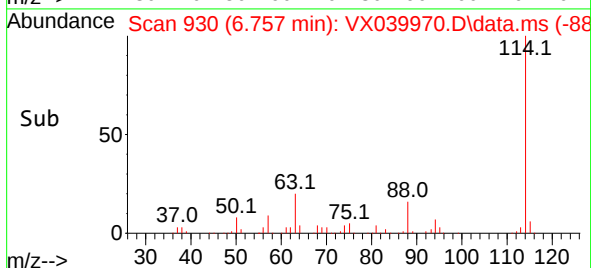
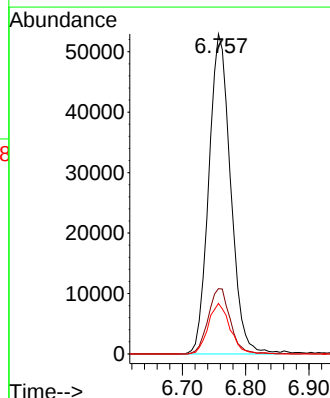
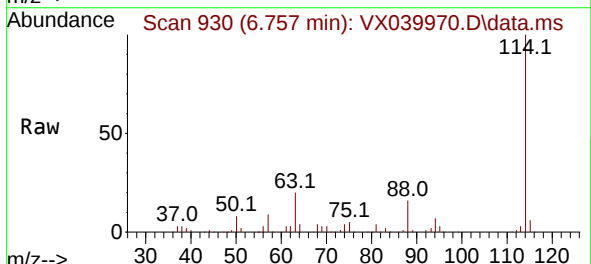
Tgt Ion:114 Resp: 126663

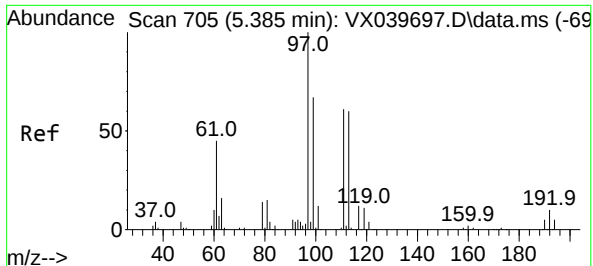
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

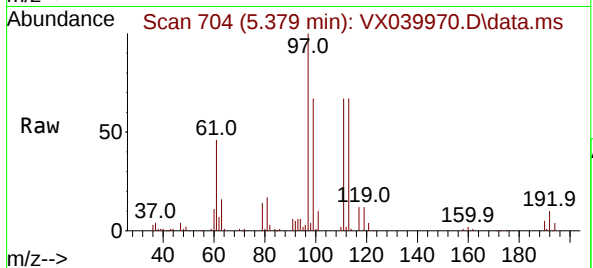
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.685 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

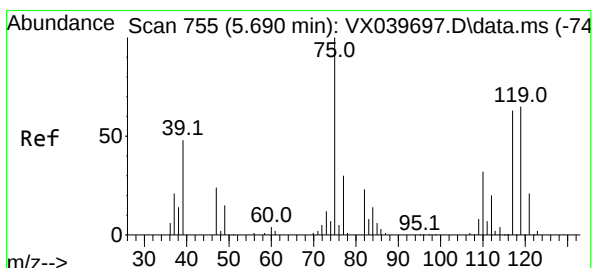
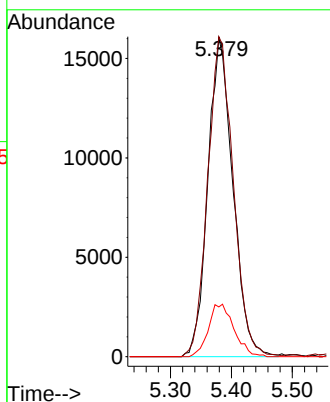
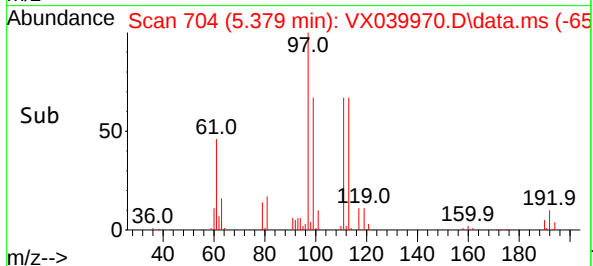
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 45800
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.9 13.3 19.9

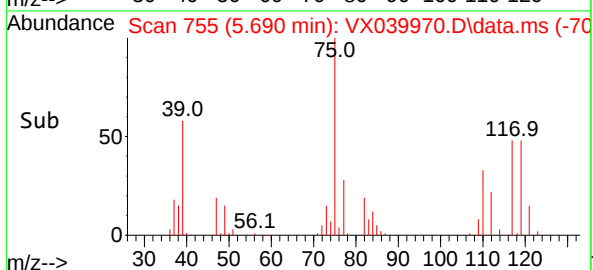
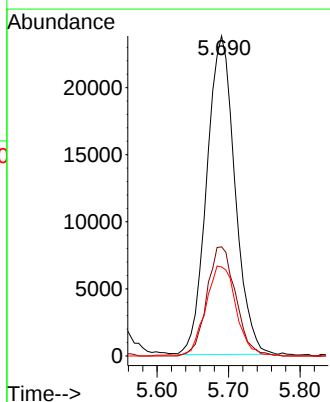
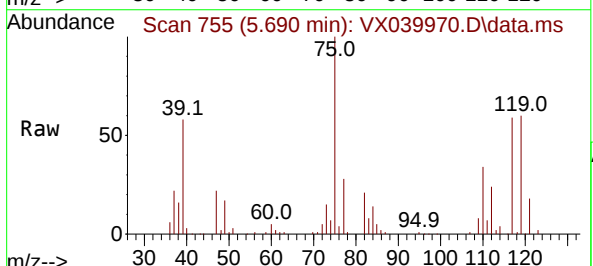
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#36
1,1-Dichloropropene
Concen: 48.911 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

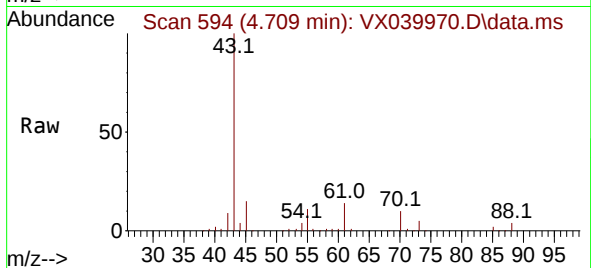
Tgt Ion: 75 Resp: 64951
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 30.4 24.7 37.1





#37
Ethyl Acetate
Concen: 52.582 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

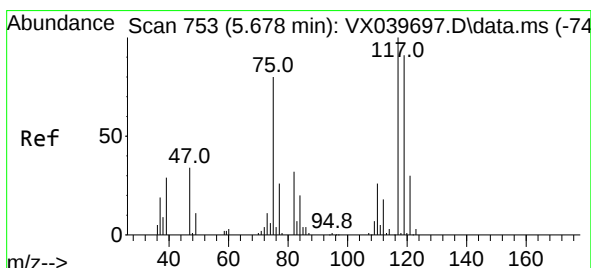
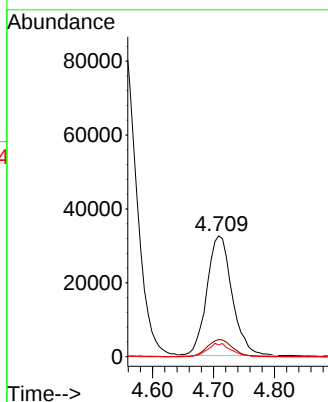
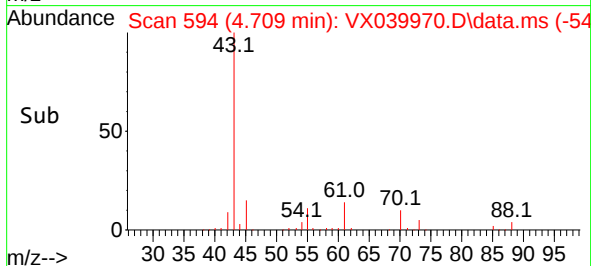
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 93152
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 10.4 8.3 12.5

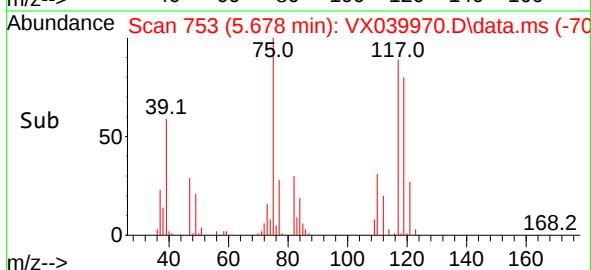
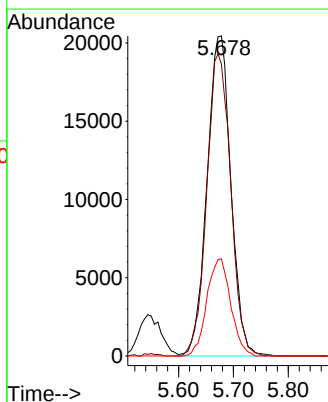
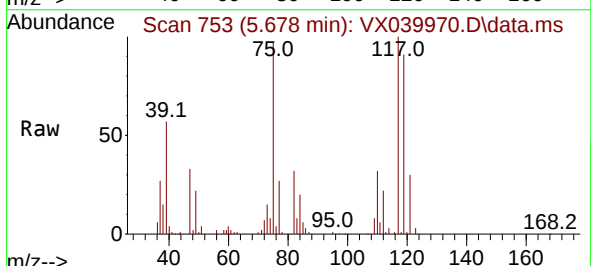
Manual Integrations
APPROVED

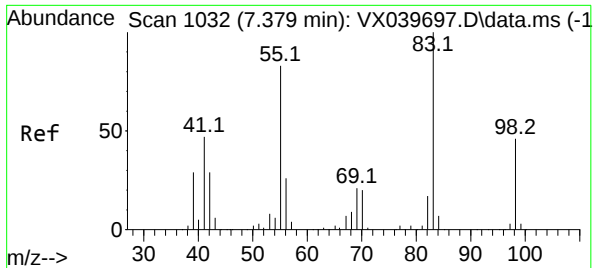
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#38
Carbon Tetrachloride
Concen: 50.788 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion:117 Resp: 61771
Ion Ratio Lower Upper
117 100
119 91.2 78.2 117.2
121 30.4 24.4 36.6





#39
Methylcyclohexane
Concen: 48.336 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

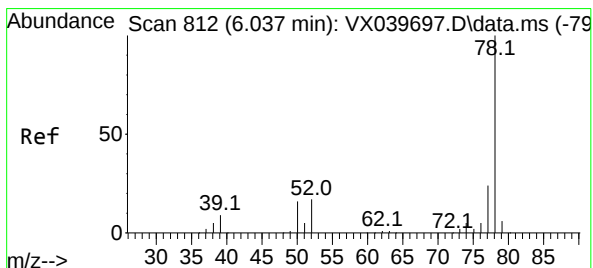
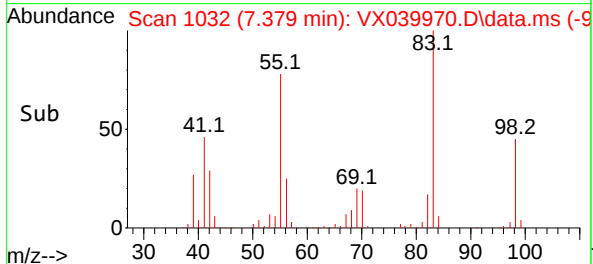
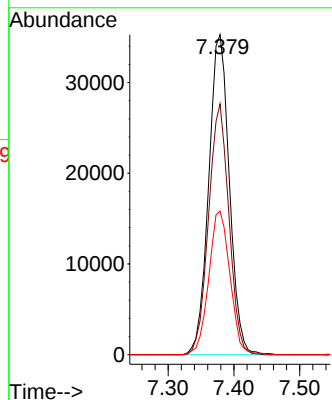
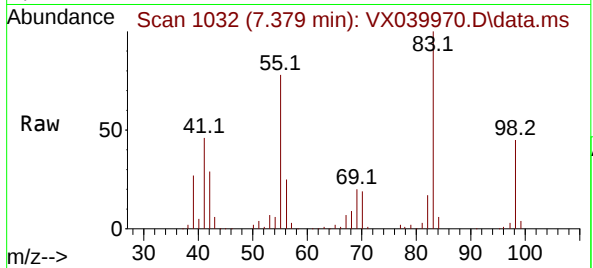
Tgt Ion: 83 Resp: 7707
Ion Ratio Lower Upper
83 100
55 78.4 64.6 97.0
98 44.8 36.7 55.1

Manual Integrations

APPROVED

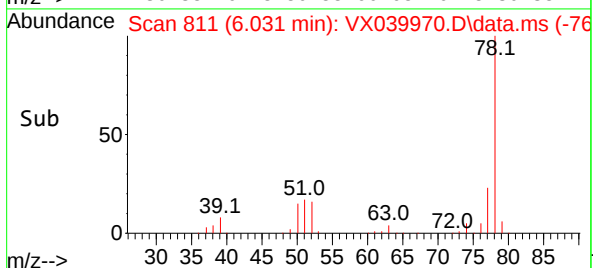
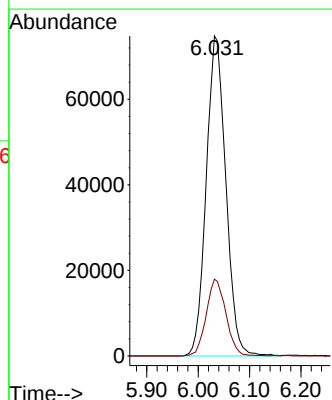
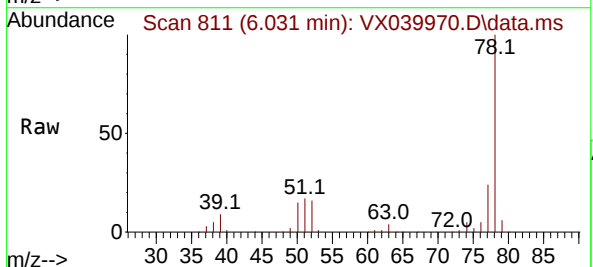
Reviewed By :John Carlone 01/29/2024

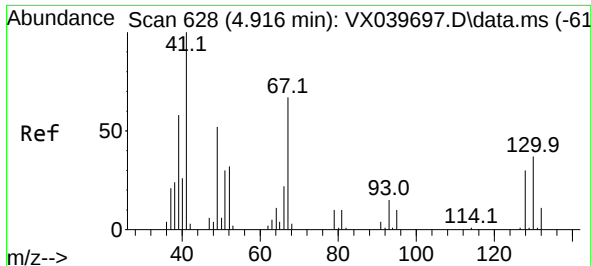
Supervised By :Mahesh Dadoda 01/29/2024



#40
Benzene
Concen: 52.691 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

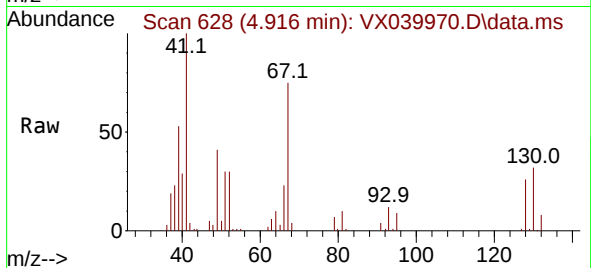
Tgt Ion: 78 Resp: 198129
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 56.386 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

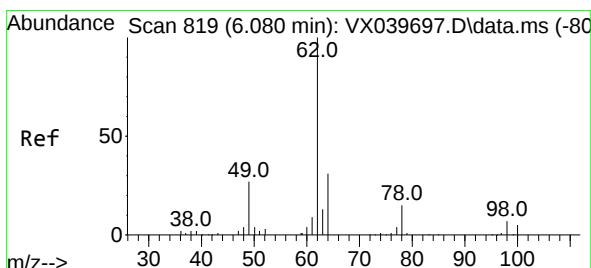
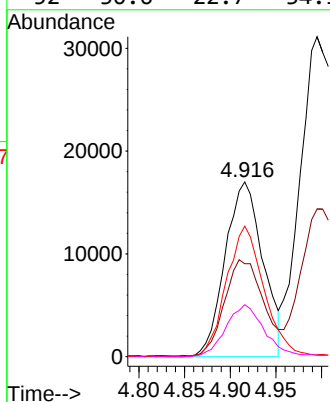
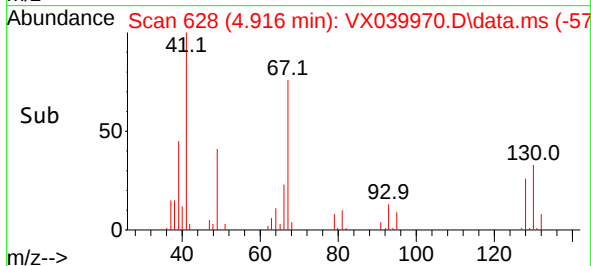
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 4884
Ion Ratio	Lower Upper
41 100	
39 58.2	45.2 67.8
67 75.2	52.6 78.8
52 30.6	22.7 34.1

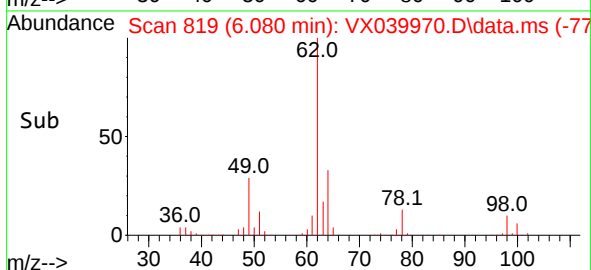
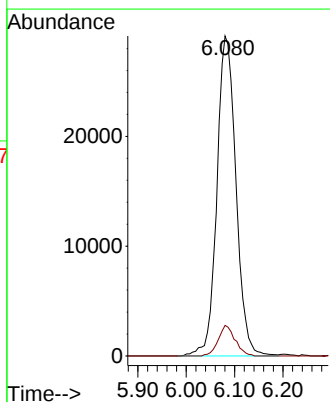
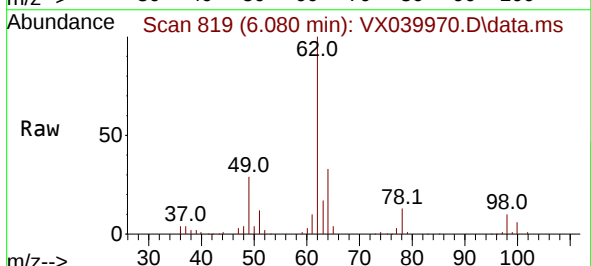
Manual Integrations
APPROVED

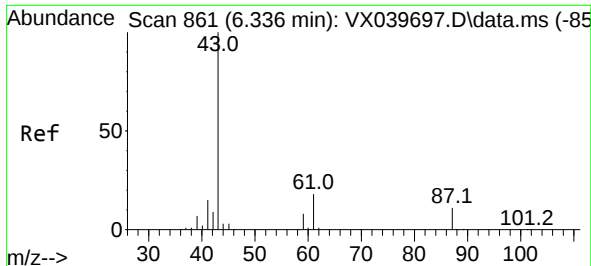
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#42
1,2-Dichloroethane
Concen: 55.852 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

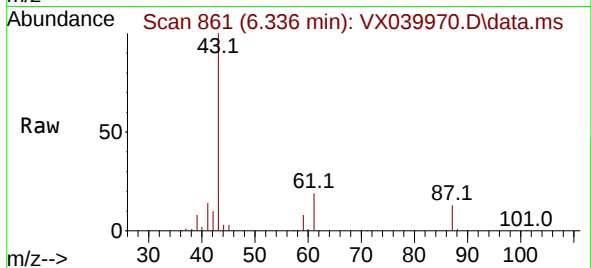
Tgt Ion: 62	Resp: 79845
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 16.0





#43
Isopropyl Acetate
Concen: 55.832 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

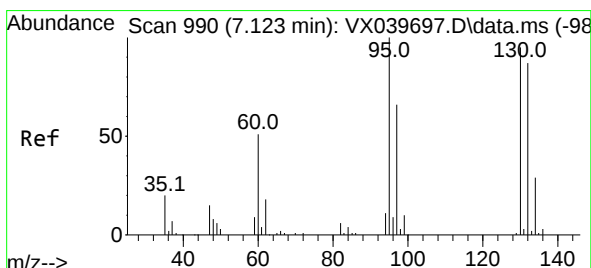
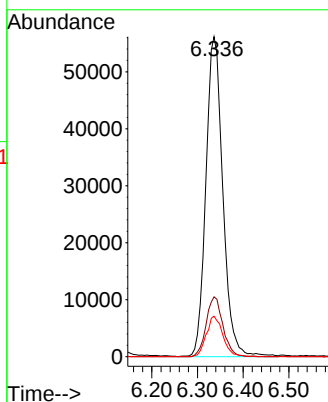
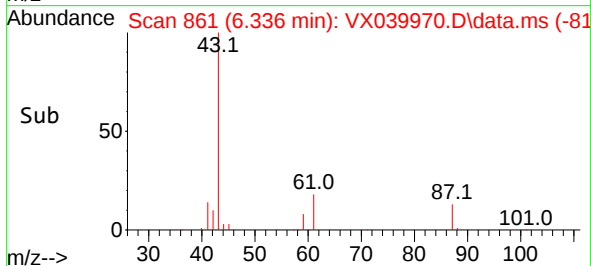
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14509
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.3 9.8 14.6

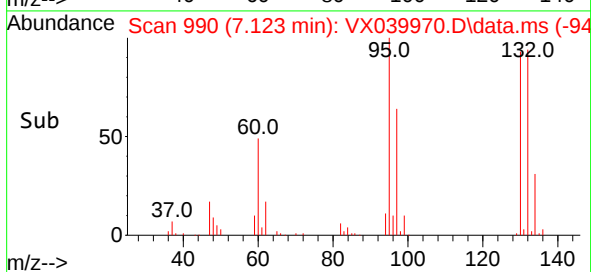
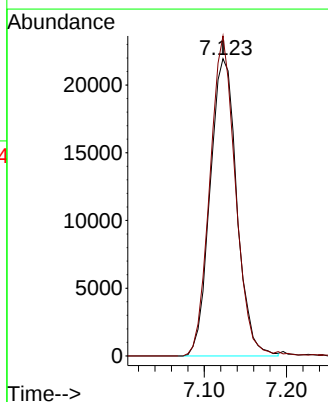
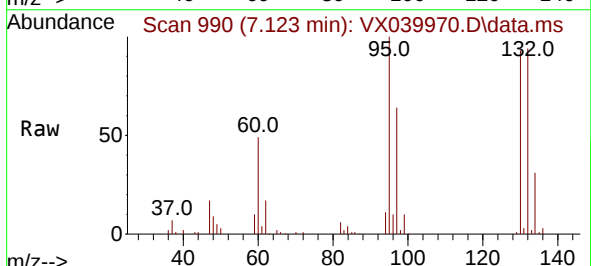
Manual Integrations
APPROVED

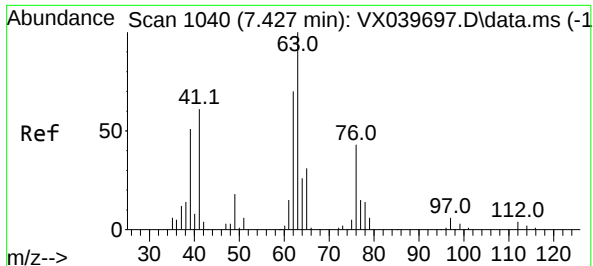
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#44
Trichloroethene
Concen: 53.775 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion:130 Resp: 49556
Ion Ratio Lower Upper
130 100
95 107.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.895 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5436

Ion Ratio Lower Upper

63 100

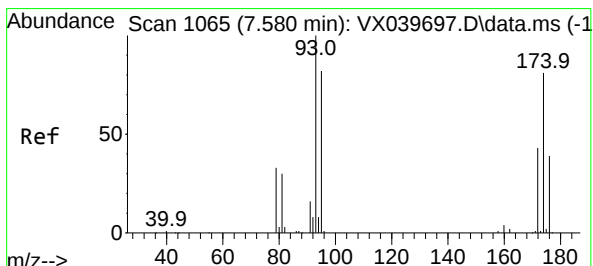
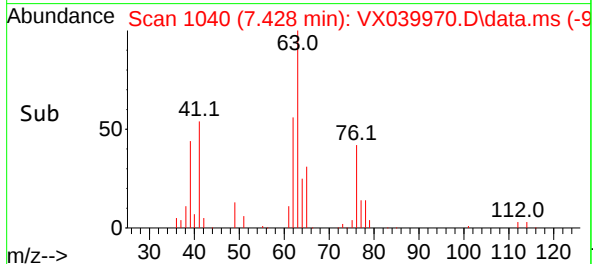
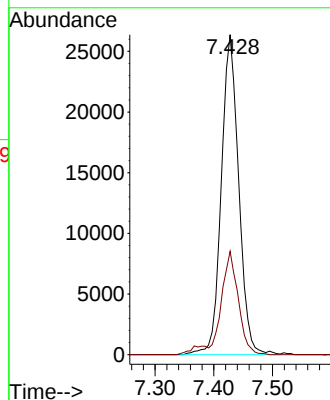
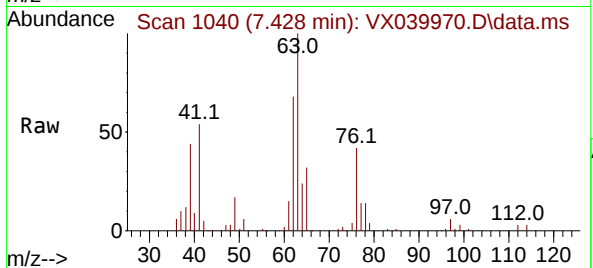
65 32.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#46

Dibromomethane

Concen: 57.655 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

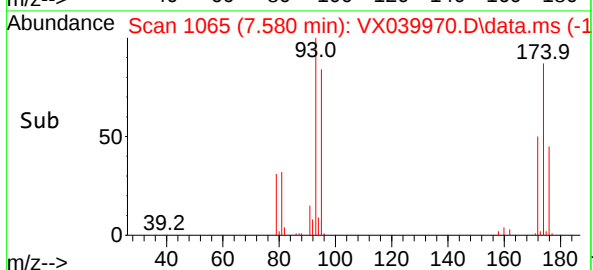
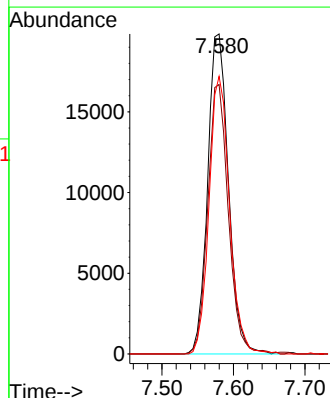
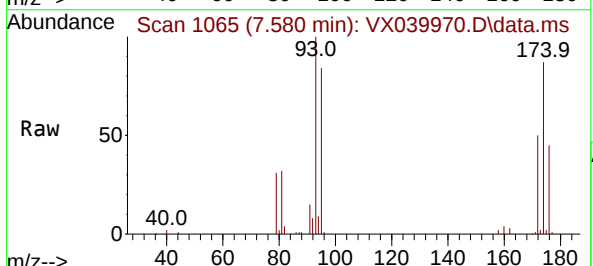
Tgt Ion: 93 Resp: 40169

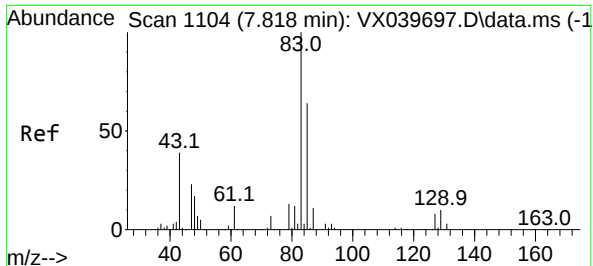
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 85.4 69.4 104.0





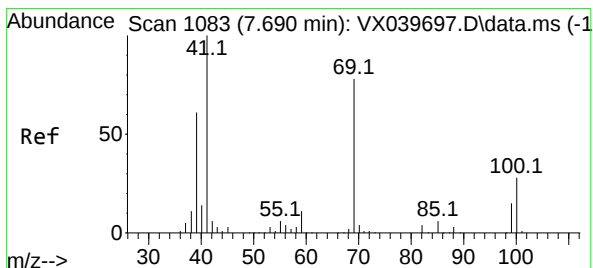
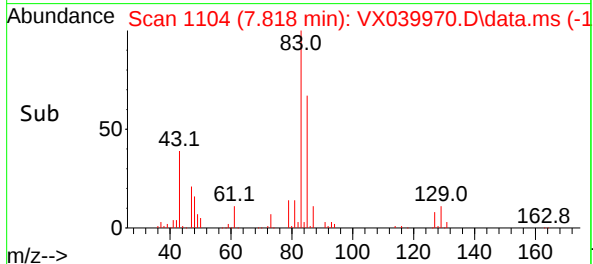
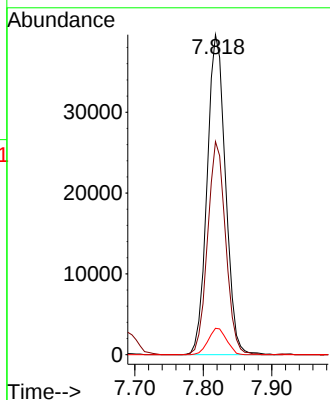
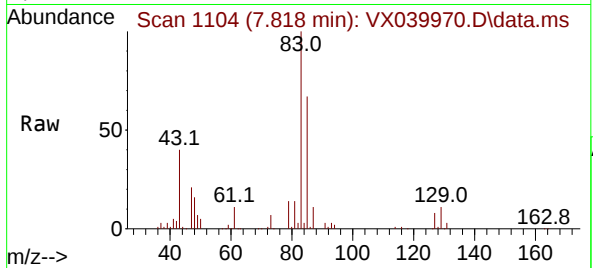
#47
Bromodichloromethane
Concen: 57.250 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7387
Ion Ratio Lower Upper
83 100
85 66.6 49.8 74.6
127 8.2 7.1 10.7

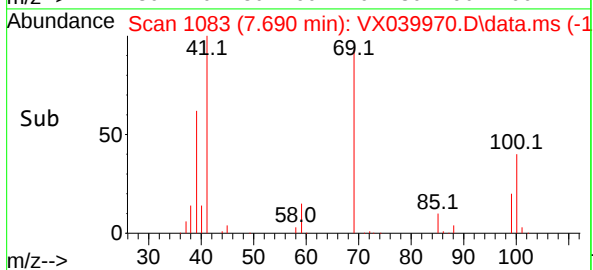
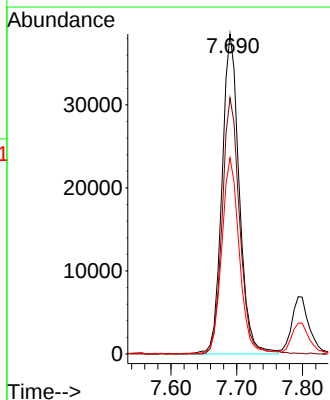
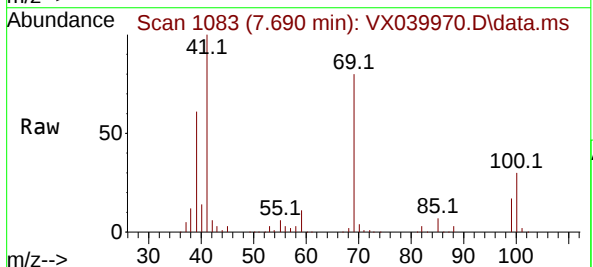
Manual Integrations
APPROVED

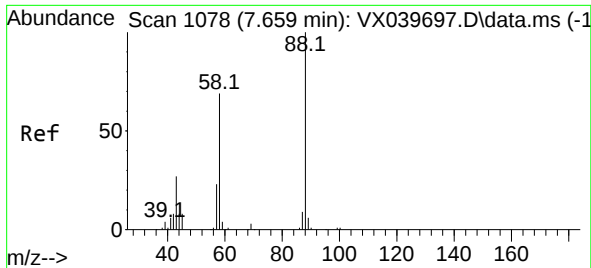
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#48
Methyl methacrylate
Concen: 55.214 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

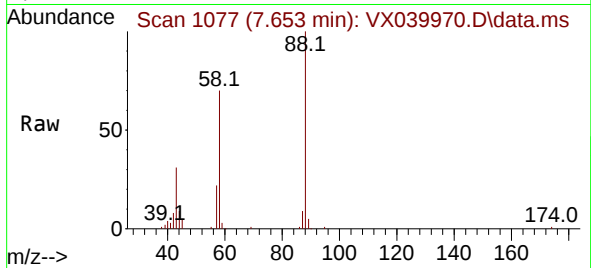
Tgt Ion: 41 Resp: 70530
Ion Ratio Lower Upper
41 100
69 81.0 59.2 88.8
39 62.4 47.7 71.5





#49
1,4-Dioxane
Concen: 1193.944 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

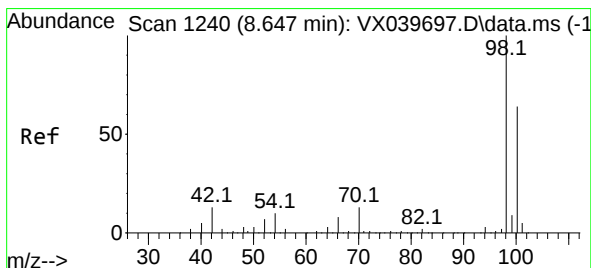
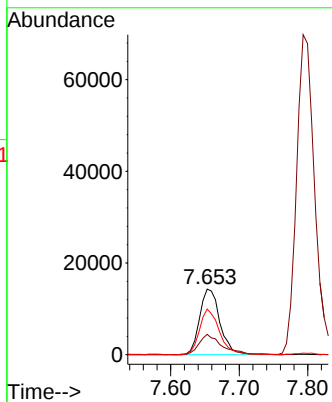
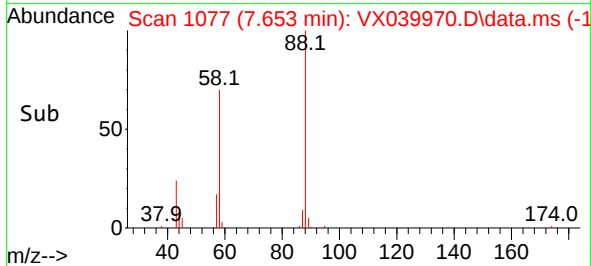
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2951
Ion Ratio Lower Upper
88 100
43 34.9 0.0 0.0
58 68.2 60.1 90.1

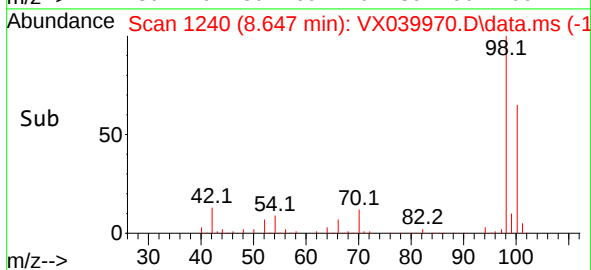
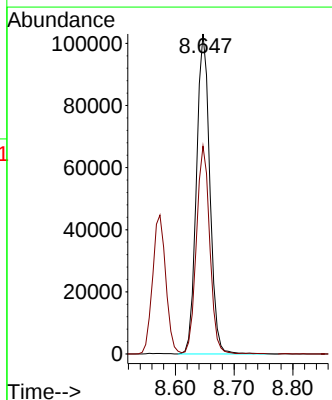
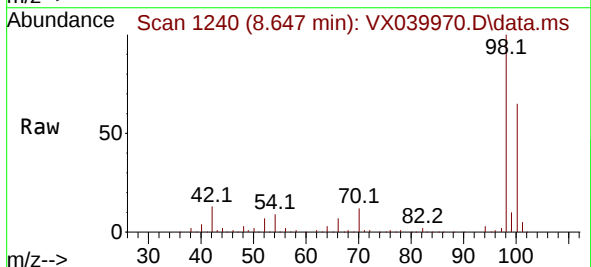
Manual Integrations
APPROVED

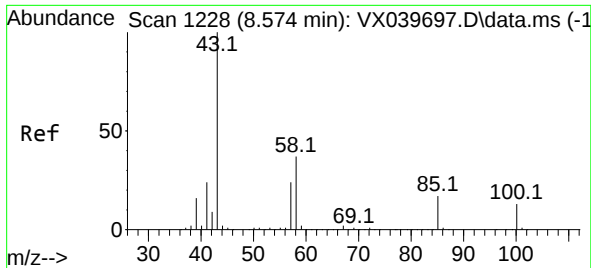
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#50
Toluene-d8
Concen: 50.494 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 98 Resp: 162471
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





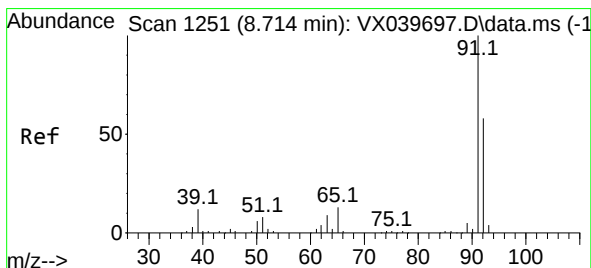
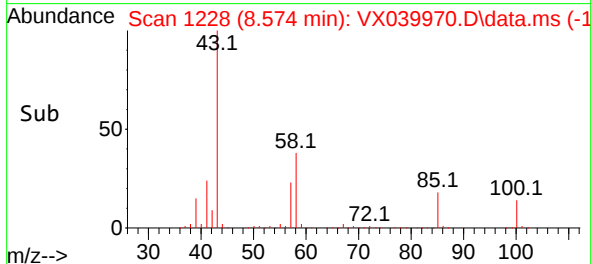
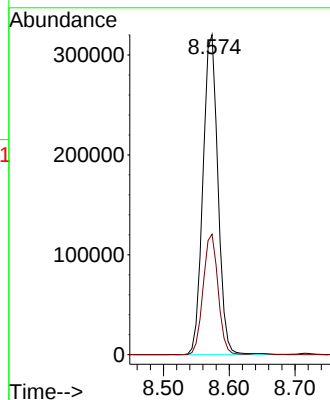
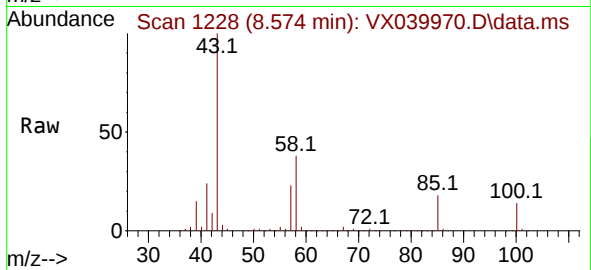
#51
4-Methyl-2-Pentanone
Concen: 283.809 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 507968
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

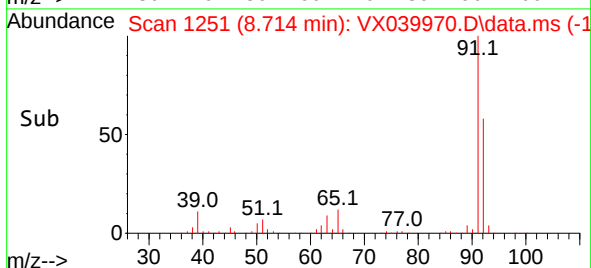
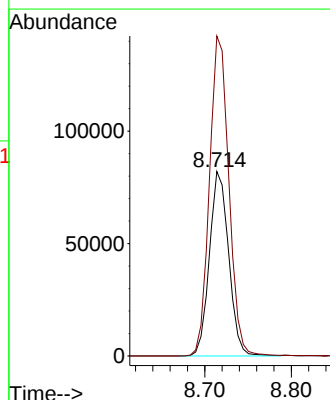
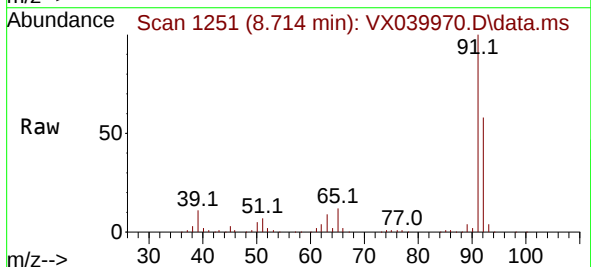
Manual Integrations
APPROVED

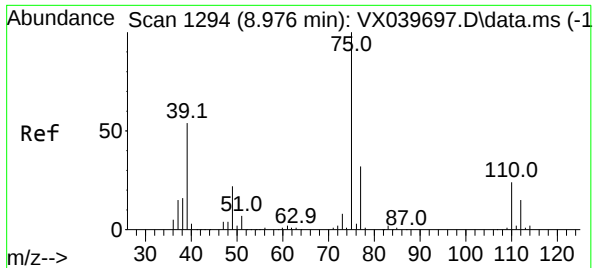
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#52
Toluene
Concen: 56.435 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

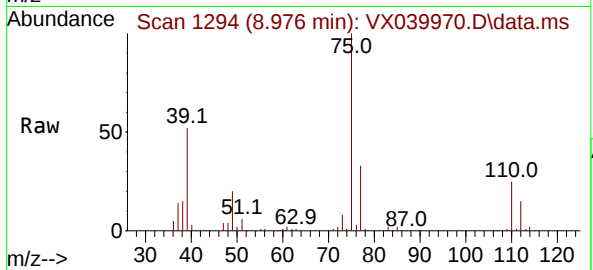
Tgt Ion: 92 Resp: 126751
Ion Ratio Lower Upper
92 100
91 174.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 60.017 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

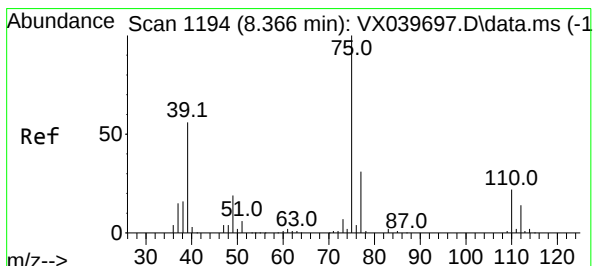
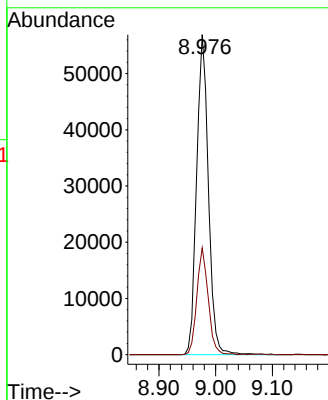
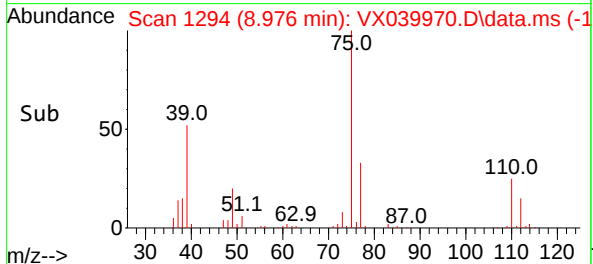
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



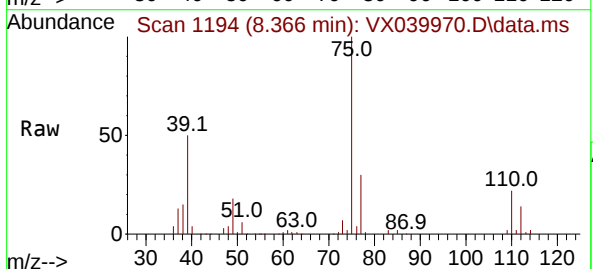
Tgt Ion: 75 Resp: 8217
Ion Ratio Lower Upper
75 100
77 33.4 25.7 38.5

Manual Integrations
APPROVED

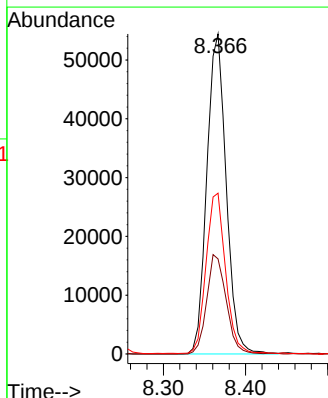
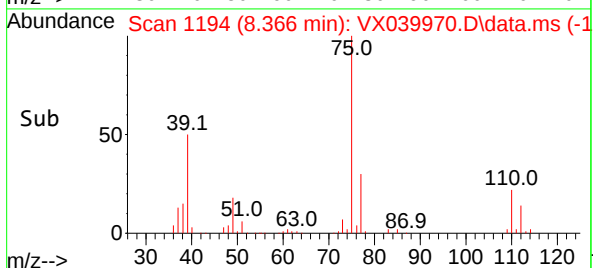
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

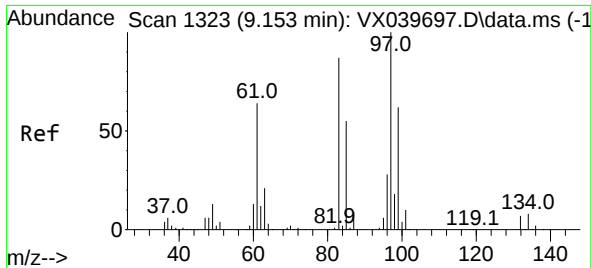


#54
cis-1,3-Dichloropropene
Concen: 59.142 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



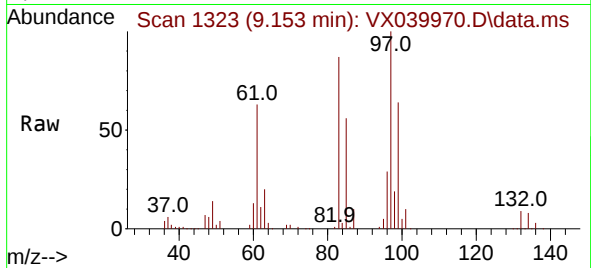
Tgt Ion: 75 Resp: 89043
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9
39 50.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 58.289 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

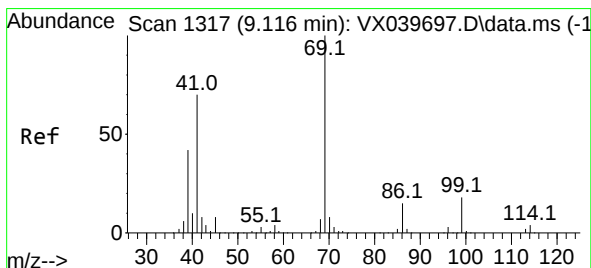
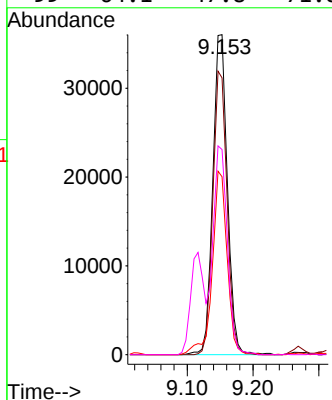
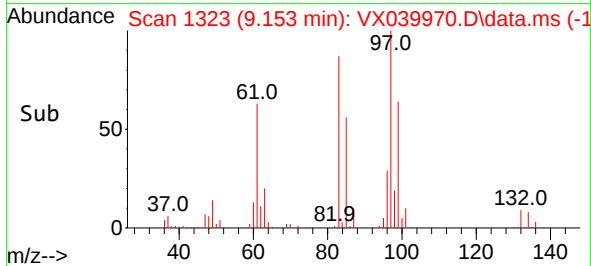
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 55738
Ion Ratio Lower Upper
97 100
83 86.5 65.8 98.8
85 55.6 41.6 62.4
99 64.1 47.8 71.8

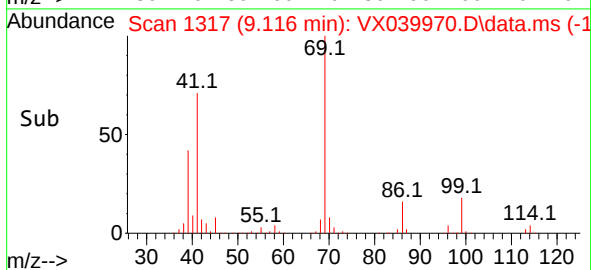
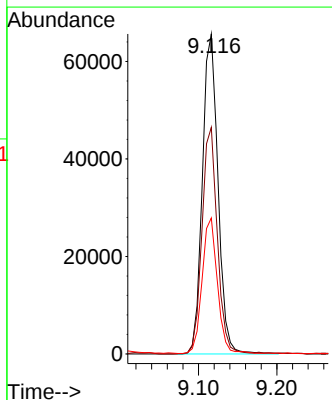
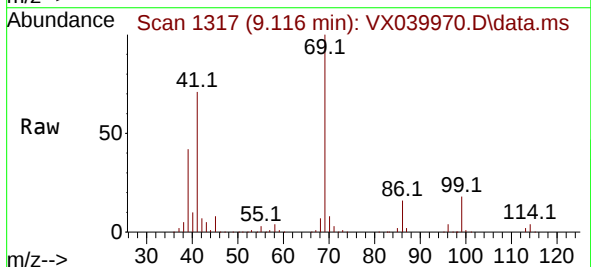
Manual Integrations
APPROVED

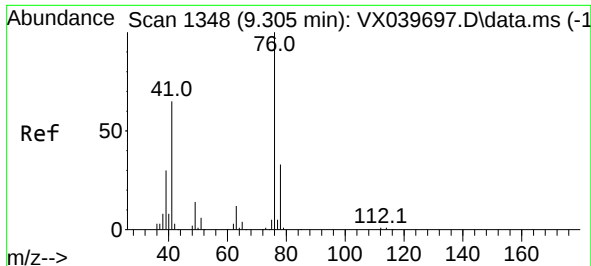
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#56
Ethyl methacrylate
Concen: 58.728 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 69 Resp: 90890
Ion Ratio Lower Upper
69 100
41 69.6 56.8 85.2
39 41.4 32.0 48.0





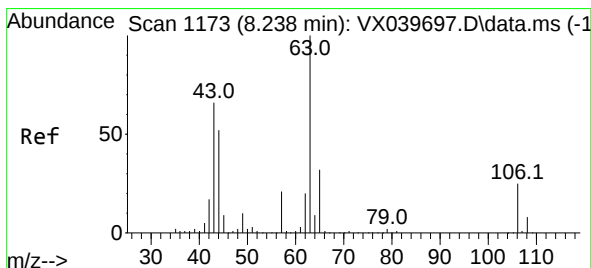
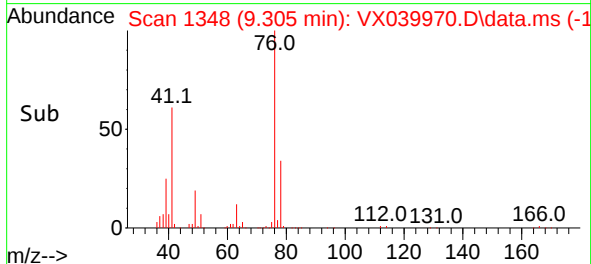
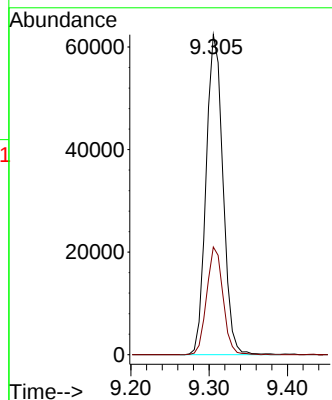
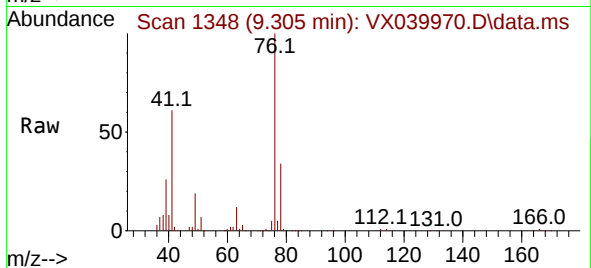
#57
1,3-Dichloropropane
Concen: 57.409 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 93030
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

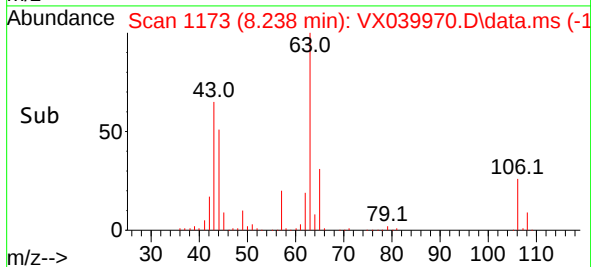
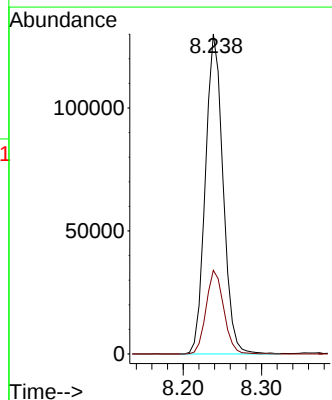
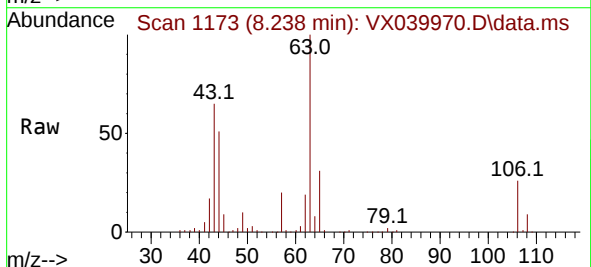
Manual Integrations
APPROVED

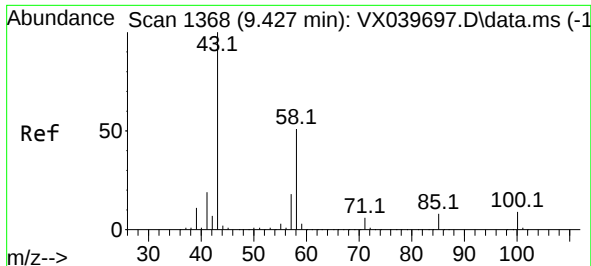
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 278.144 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 63 Resp: 203470
Ion Ratio Lower Upper
63 100
106 26.1 22.5 33.7





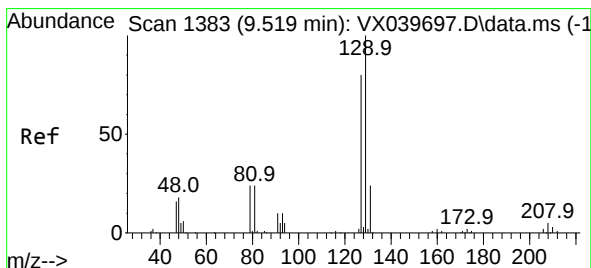
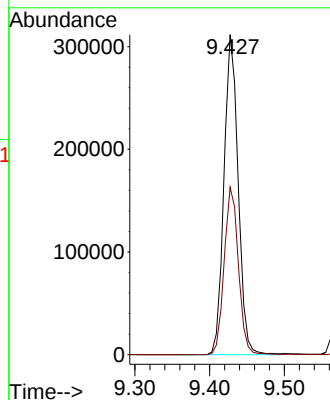
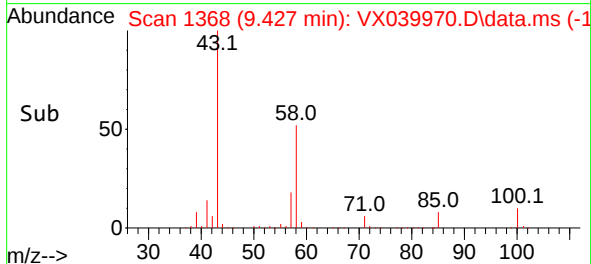
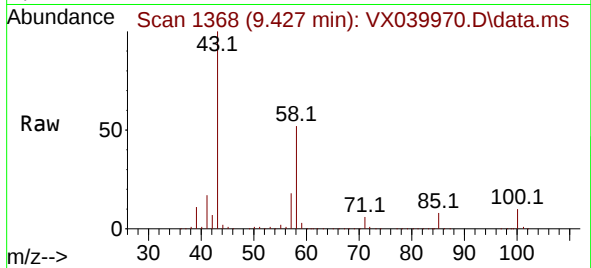
#59
2-Hexanone
Concen: 289.883 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 41063
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.5

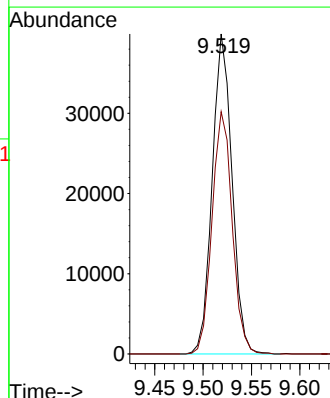
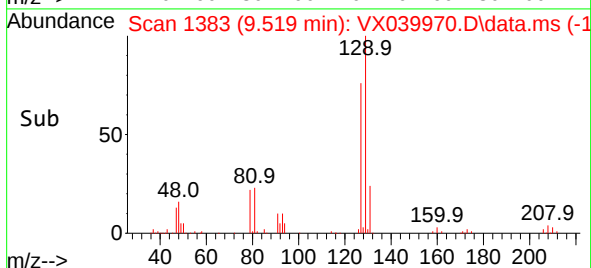
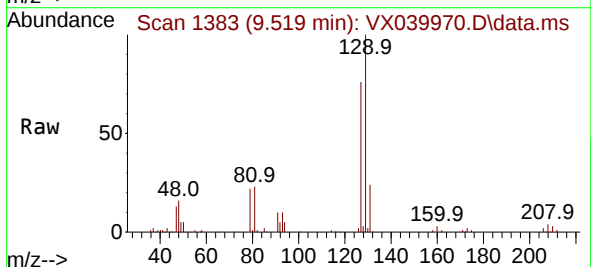
Manual Integrations
APPROVED

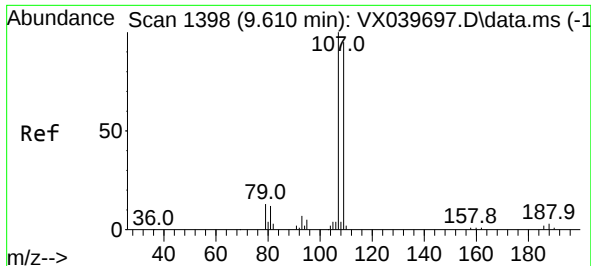
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#60
Dibromochloromethane
Concen: 62.958 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

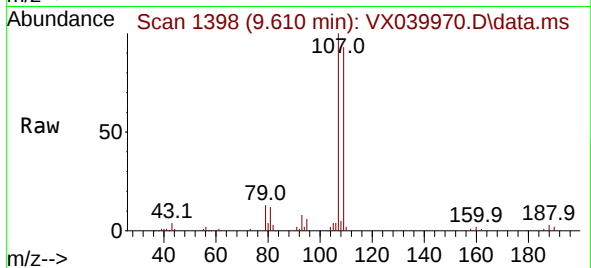
Tgt Ion:129 Resp: 56774
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 60.670 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

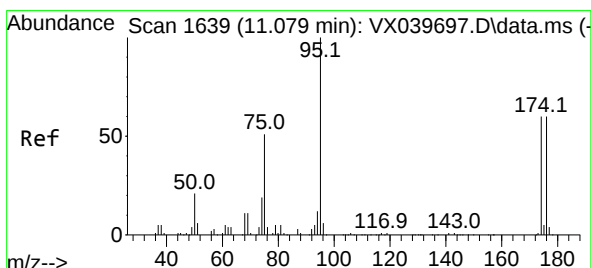
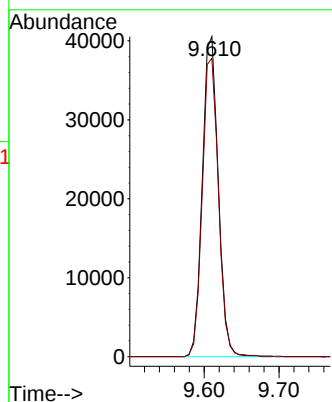
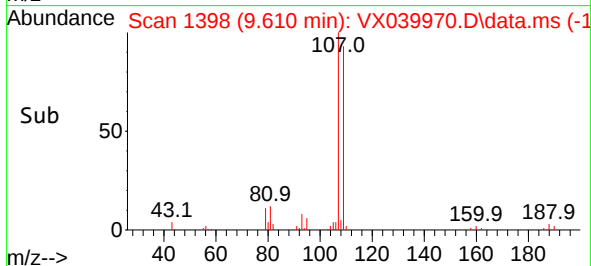
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



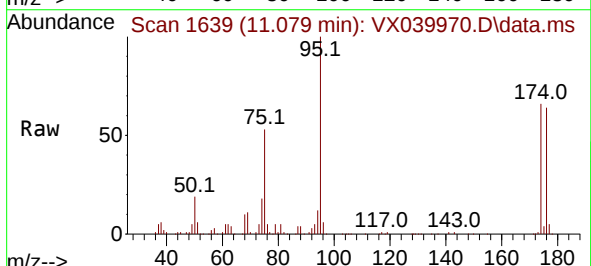
Tgt Ion:107 Resp: 60078
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

Manual Integrations
APPROVED

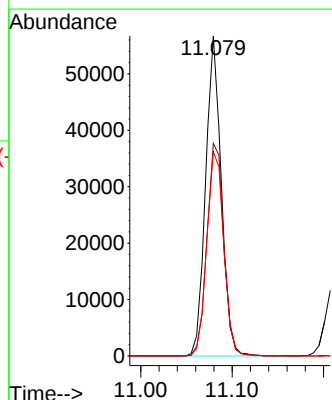
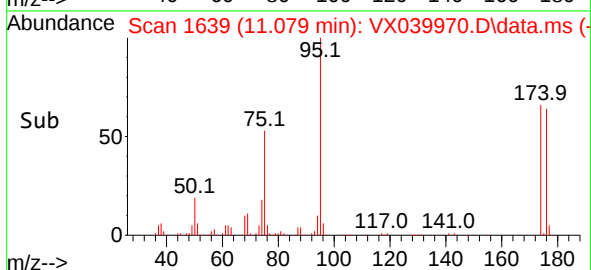
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

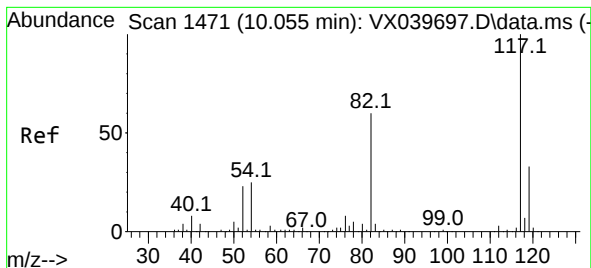


#62
4-Bromofluorobenzene
Concen: 53.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



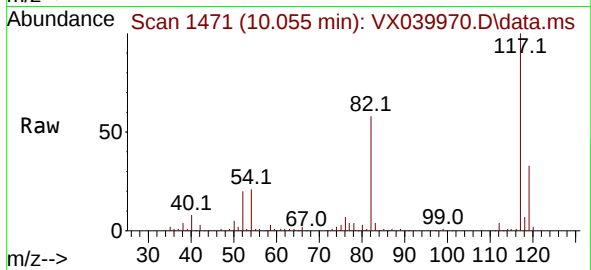
Tgt Ion: 95 Resp: 67251
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 68.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

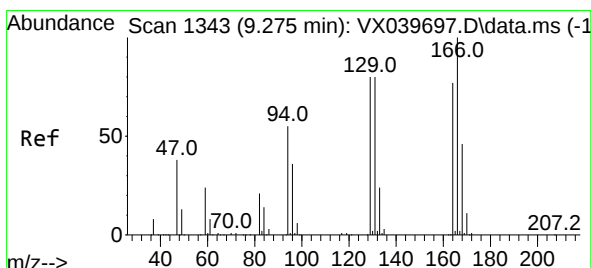
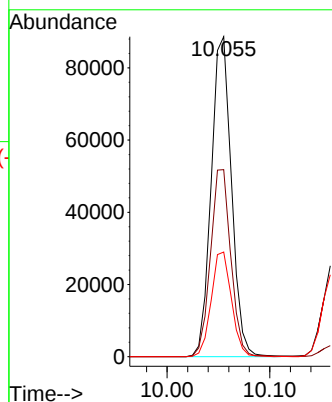
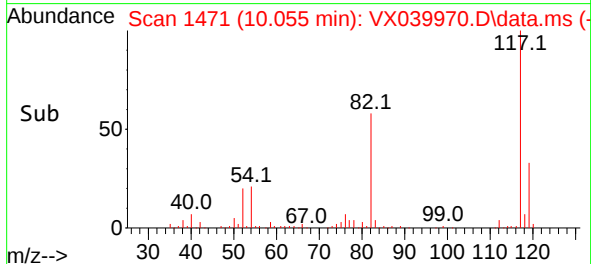
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 121170
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.7 25.5 38.3

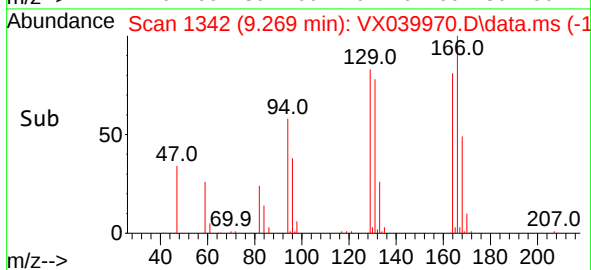
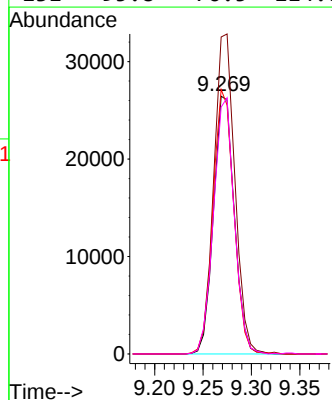
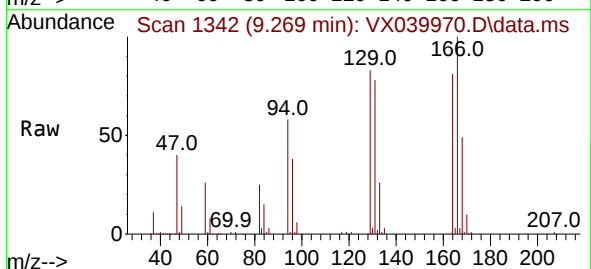
Manual Integrations
APPROVED

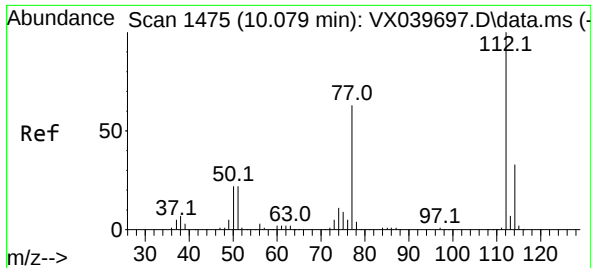
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#64
Tetrachloroethene
Concen: 50.121 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion:164 Resp: 39496
Ion Ratio Lower Upper
164 100
166 123.0 102.7 154.1
129 102.6 80.4 120.6
131 95.8 76.5 114.7





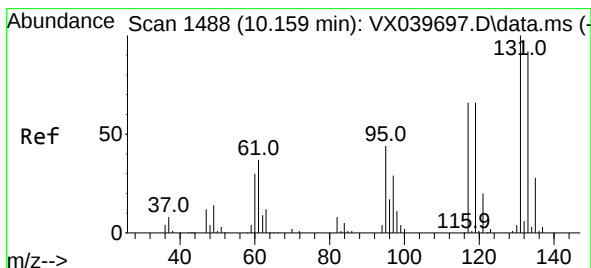
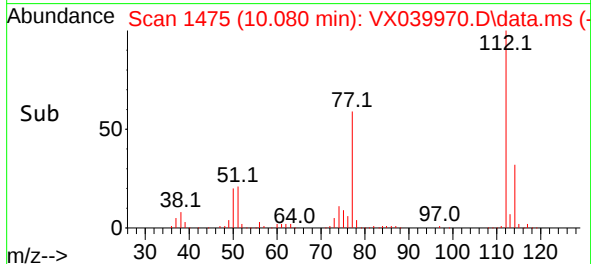
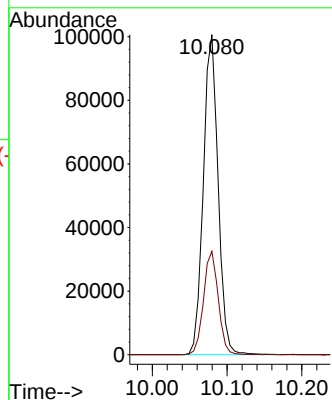
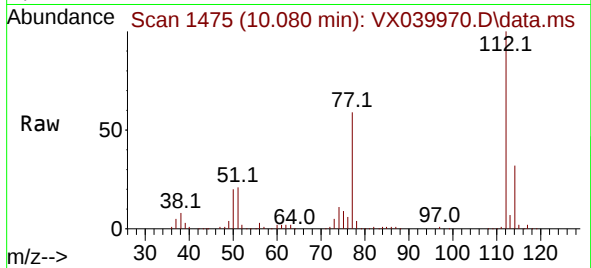
#65
Chlorobenzene
Concen: 54.699 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 138050
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

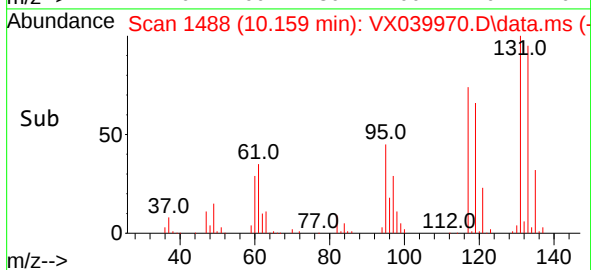
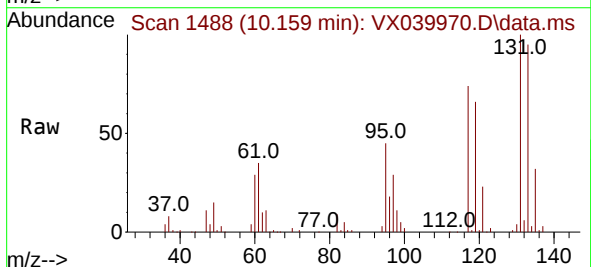
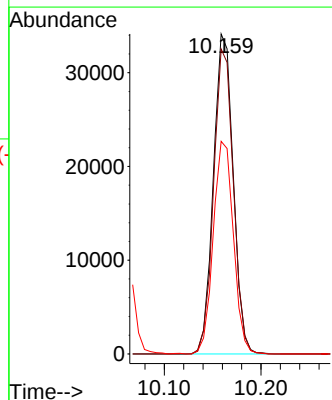
Manual Integrations
APPROVED

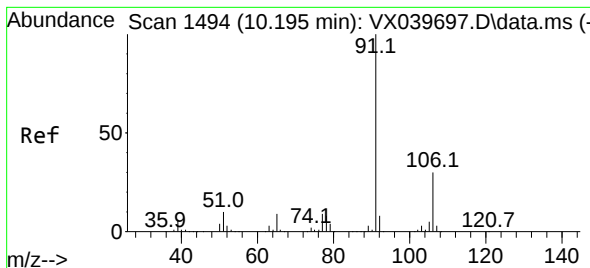
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 56.385 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

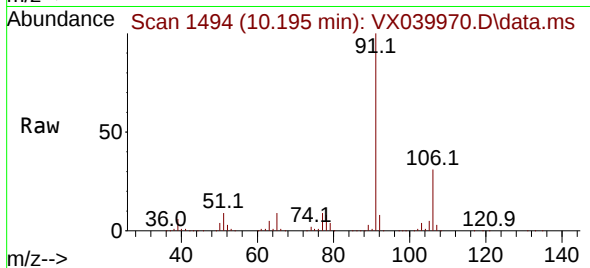
Tgt Ion:131 Resp: 48456
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 67.7 32.2 96.6





#67
Ethyl Benzene
Concen: 52.621 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

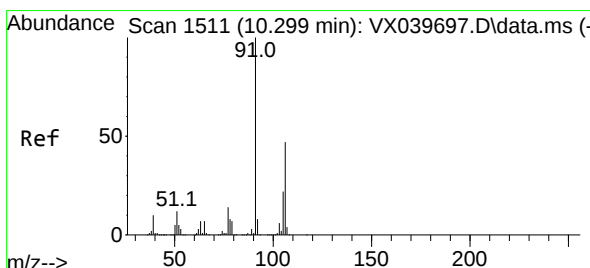
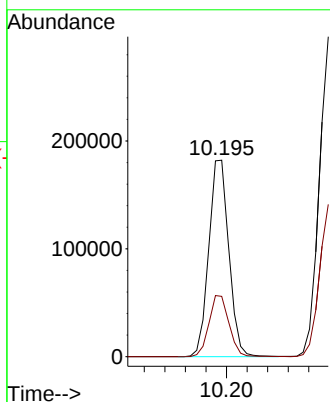
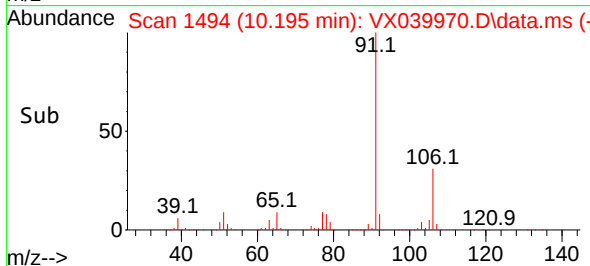
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



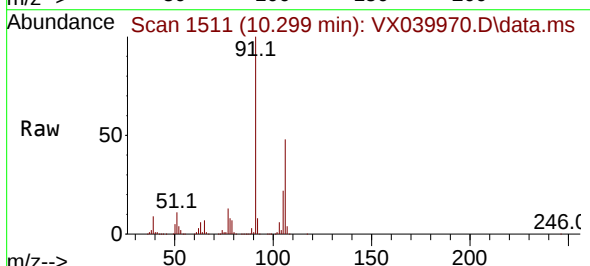
Tgt Ion: 91 Resp: 24656
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
APPROVED

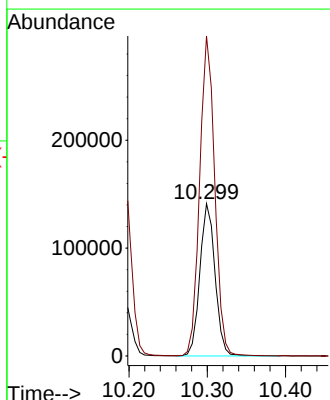
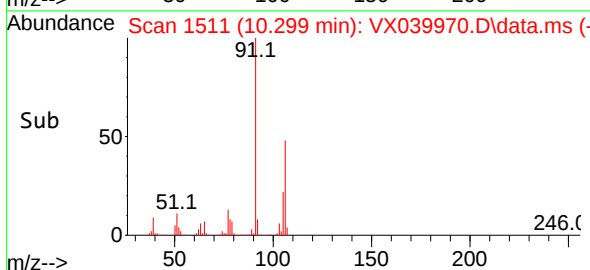
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

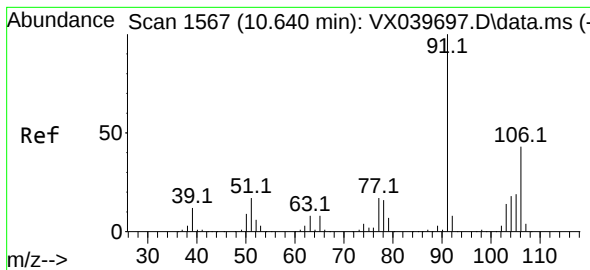


#68
m/p-Xylenes
Concen: 109.991 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



Tgt Ion:106 Resp: 189539
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3





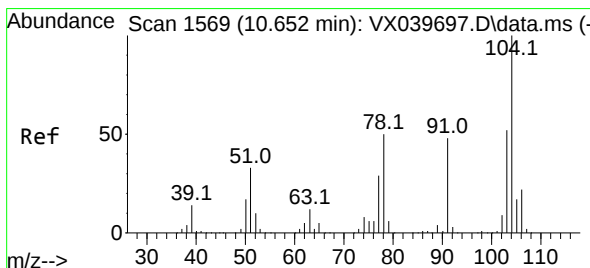
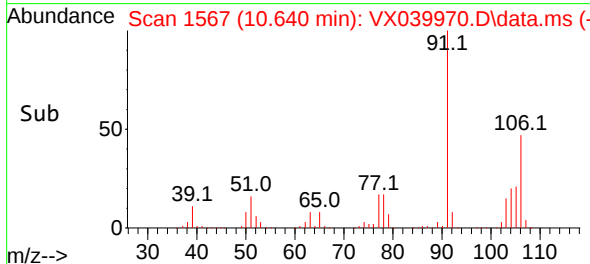
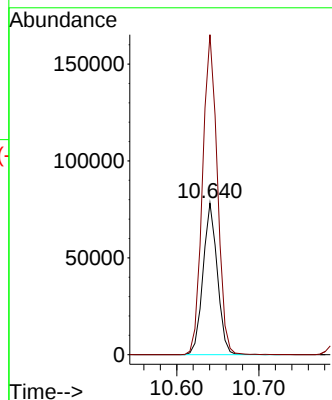
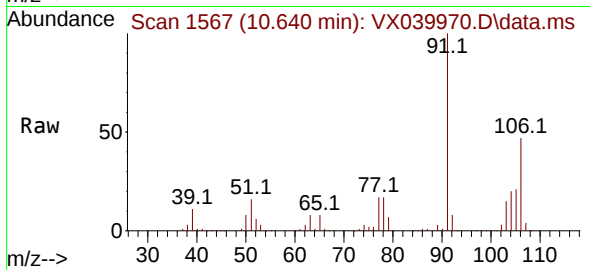
#69
o-Xylene
Concen: 55.363 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 94479
Ion Ratio Lower Upper
106 100
91 219.0 108.9 326.8

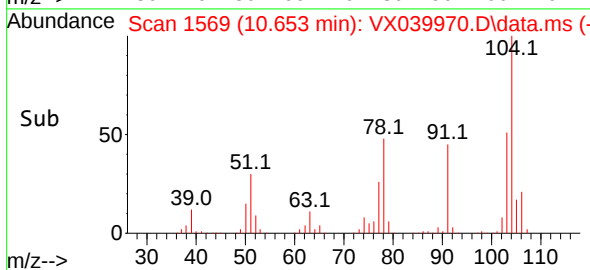
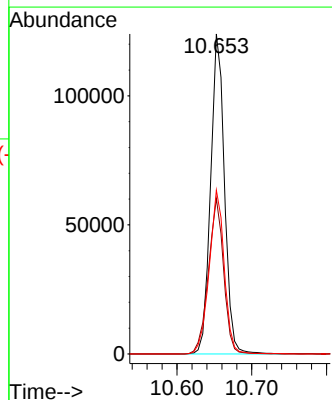
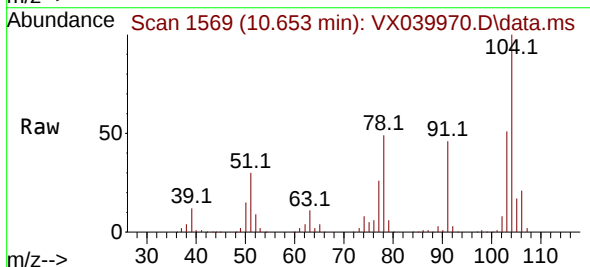
Manual Integrations
APPROVED

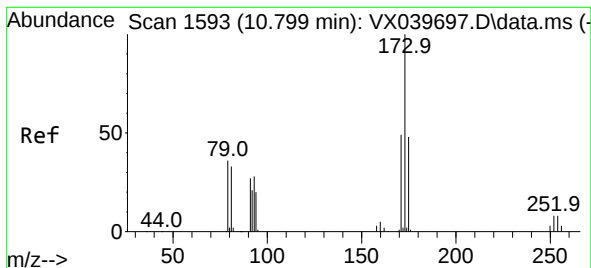
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#70
Styrene
Concen: 57.430 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion:104 Resp: 160097
Ion Ratio Lower Upper
104 100
78 53.2 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 63.162 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4075

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

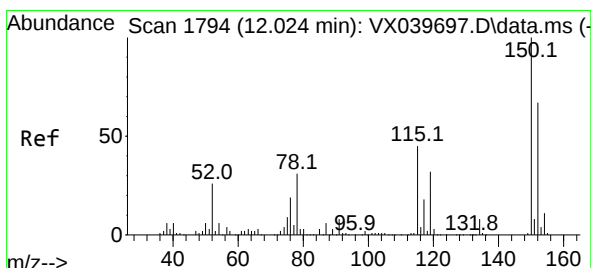
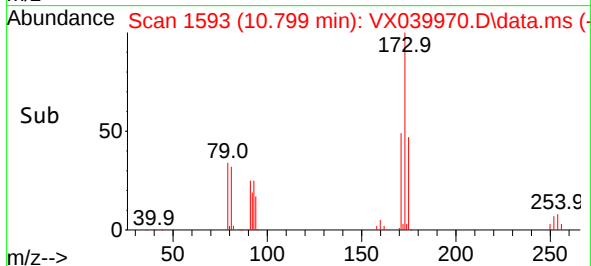
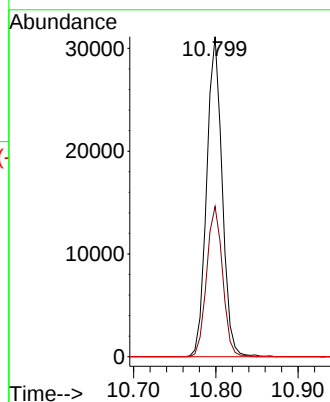
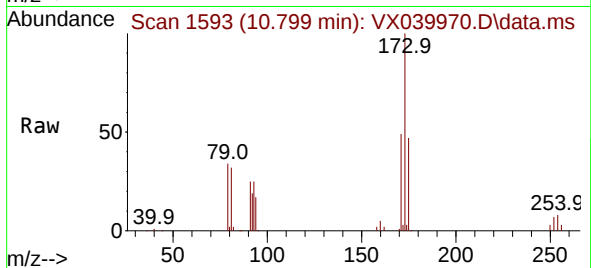
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

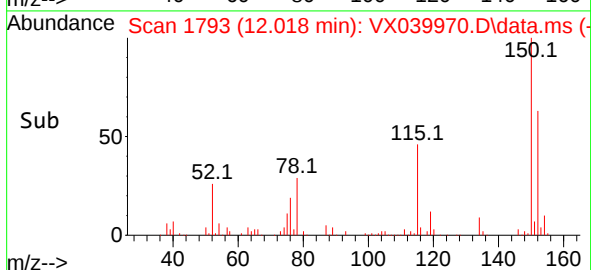
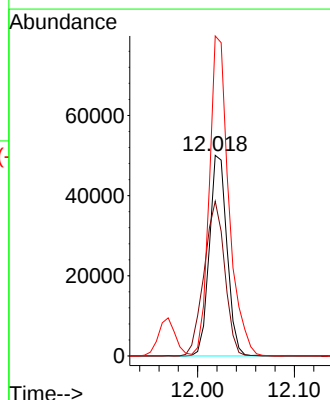
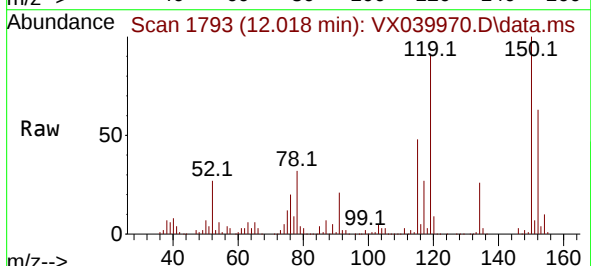
Tgt Ion:152 Resp: 63520

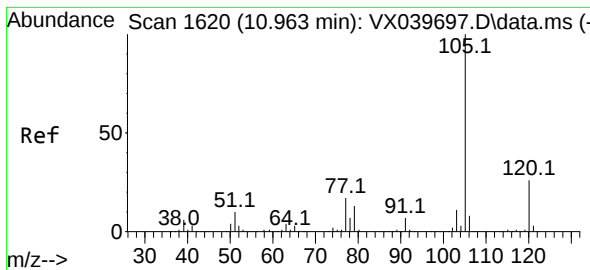
Ion Ratio Lower Upper

152 100

115 90.4 43.3 129.9

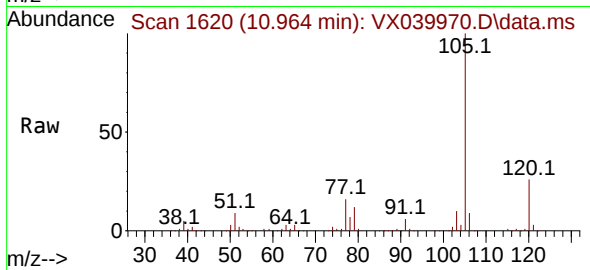
150 175.5 0.0 345.0





#73
Isopropylbenzene
Concen: 47.795 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

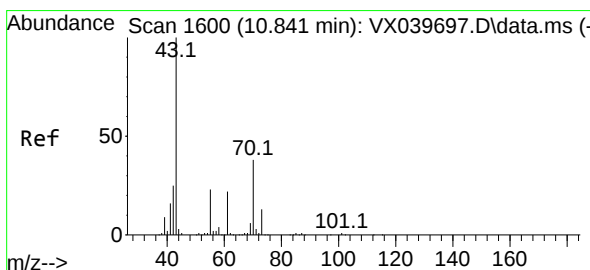
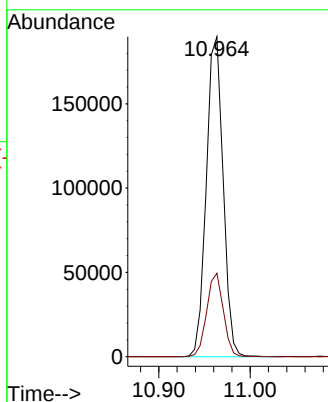
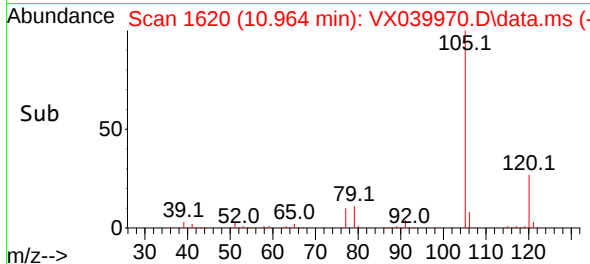
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



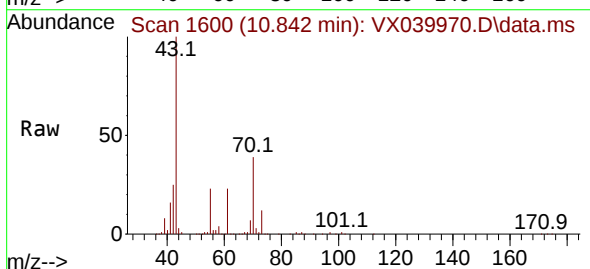
Tgt Ion:105 Resp: 241712
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

Manual Integrations
APPROVED

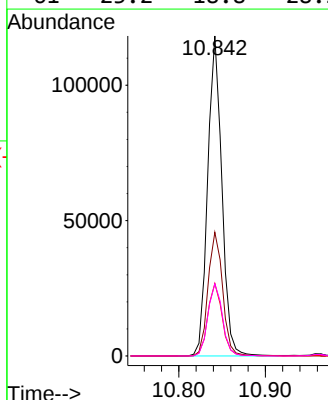
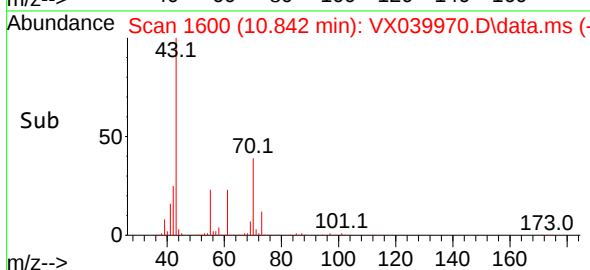
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

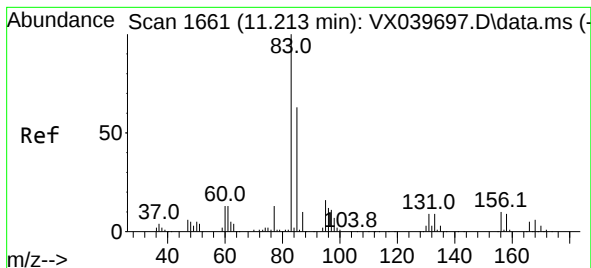


#74
N-ethyl acetate
Concen: 50.973 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



Tgt Ion: 43 Resp: 134370
Ion Ratio Lower Upper
43 100
70 39.8 32.9 49.3
55 23.1 19.3 28.9
61 23.2 18.8 28.2





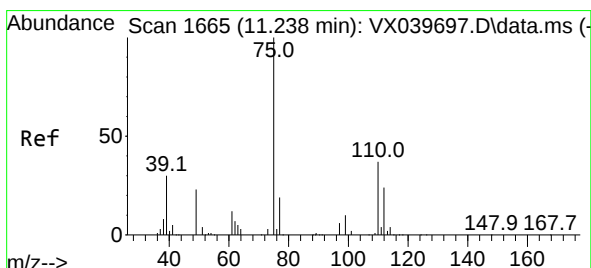
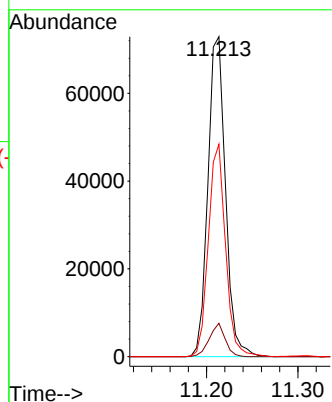
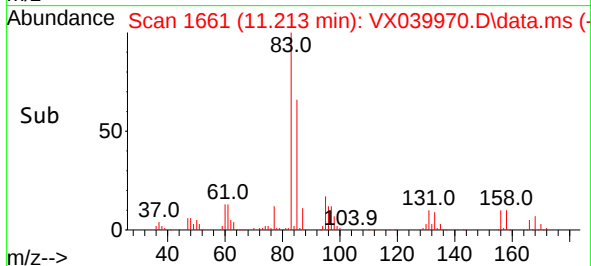
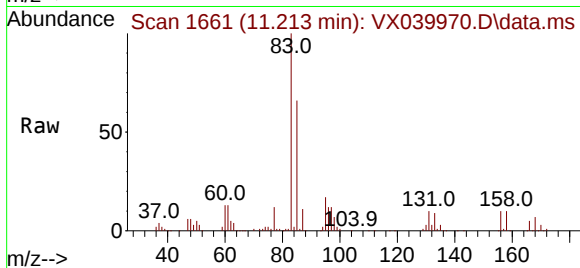
#75
1,1,2,2-Tetrachloroethane
Concen: 50.326 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9718
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.9 32.0 96.2

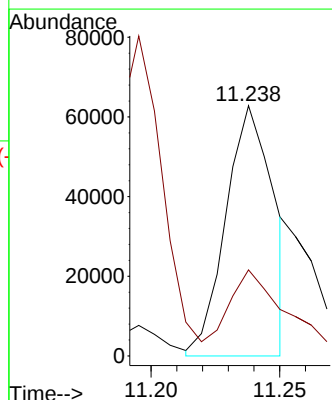
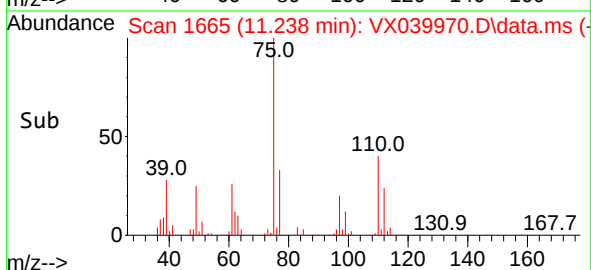
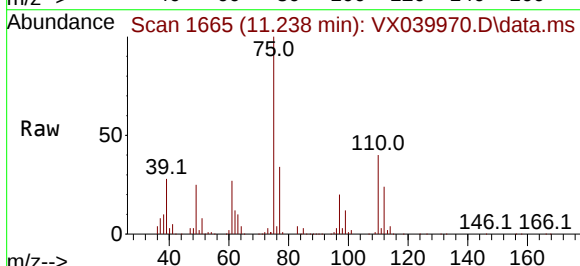
Manual Integrations
APPROVED

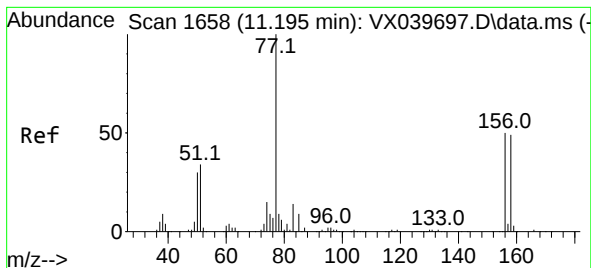
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#76
1,2,3-Trichloropropane
Concen: 49.202 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 75 Resp: 81027
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 51.626 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

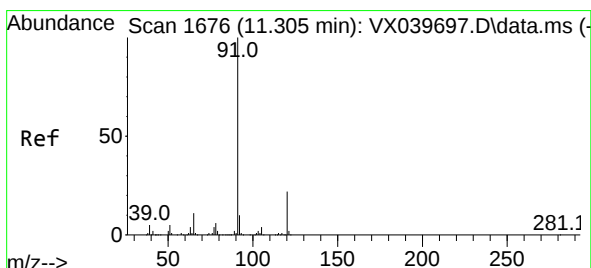
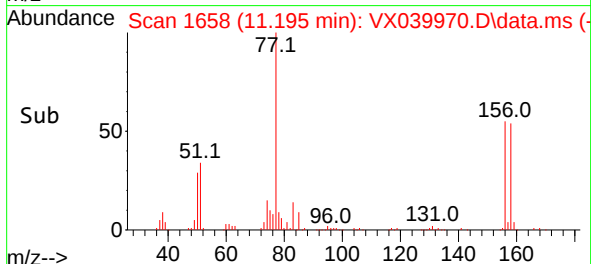
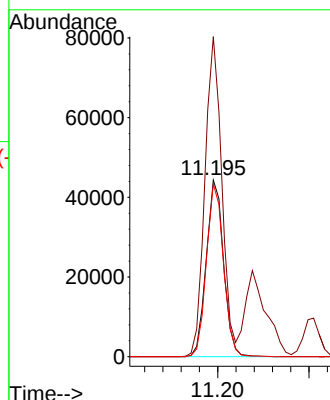
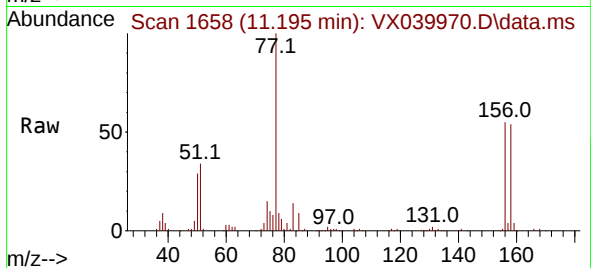
Tgt Ion:	156	Resp:	5813
Ion Ratio	Lower	Upper	
156	100		
77	176.7	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#78

n-propylbenzene

Concen: 48.293 ug/l

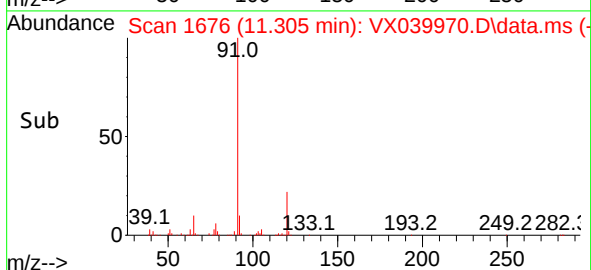
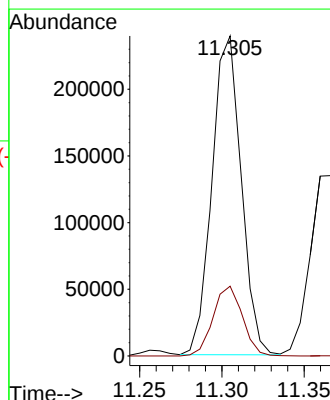
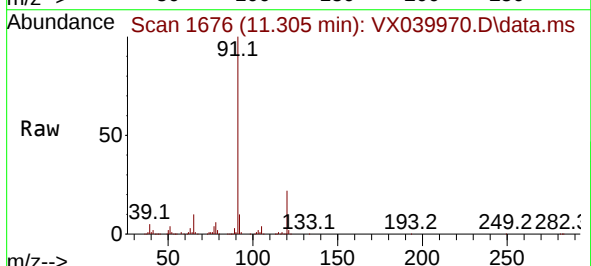
RT: 11.305 min Scan# 1676

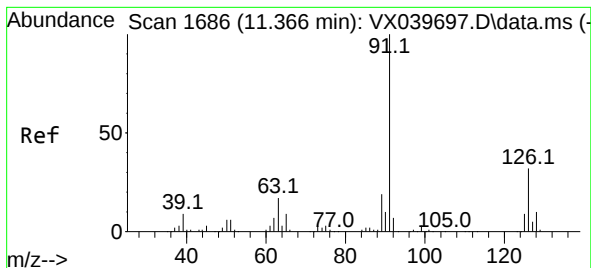
Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Tgt Ion:	91	Resp:	295597
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





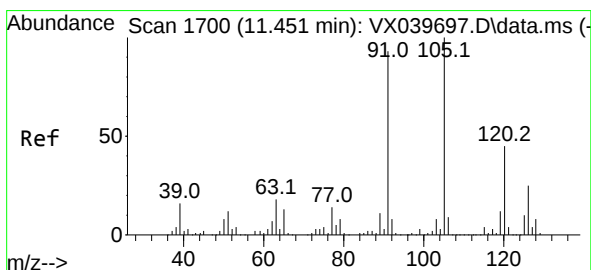
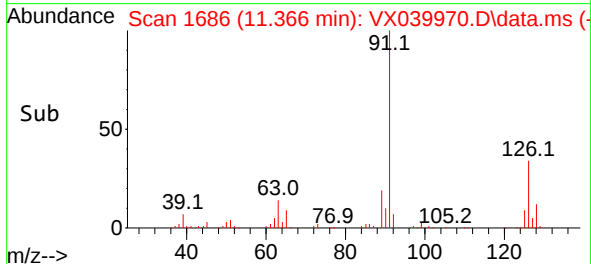
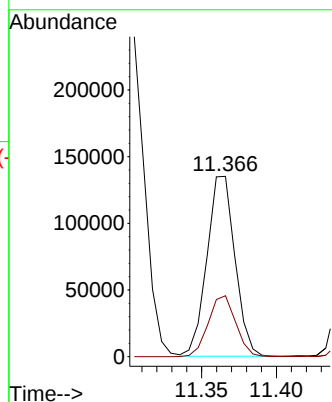
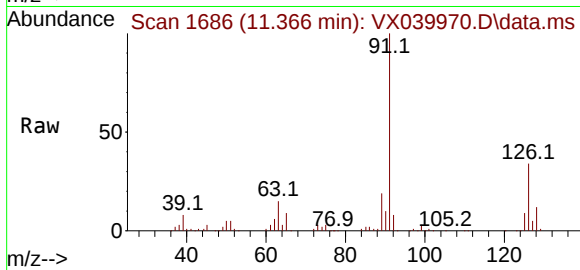
#79
2-Chlorotoluene
Concen: 46.574 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 176194
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

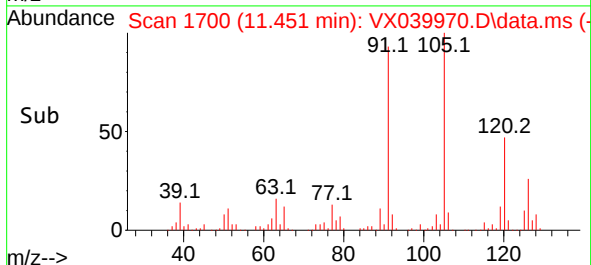
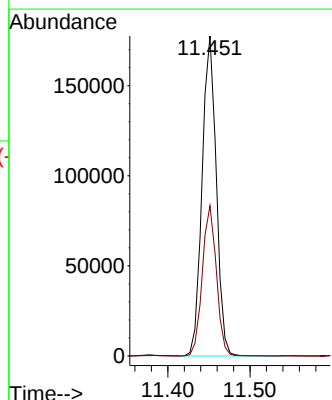
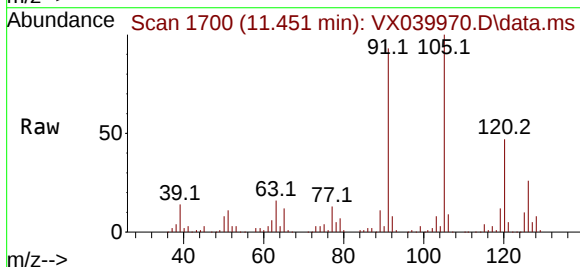
Manual Integrations
APPROVED

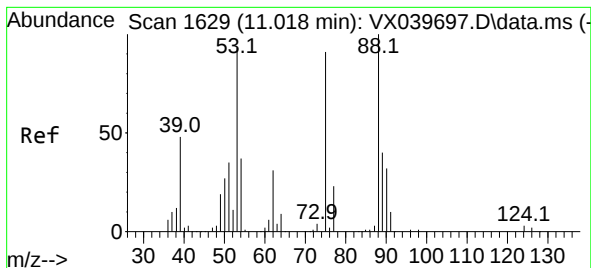
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.507 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

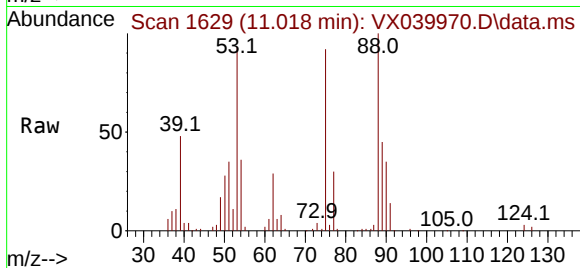
Tgt Ion:105 Resp: 212642
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.255 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

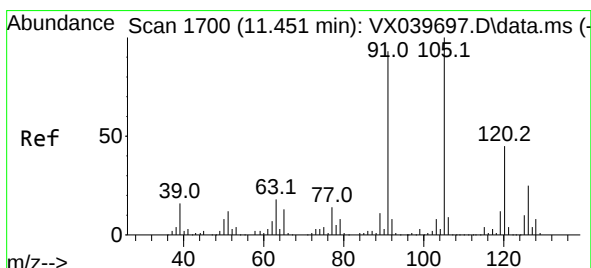
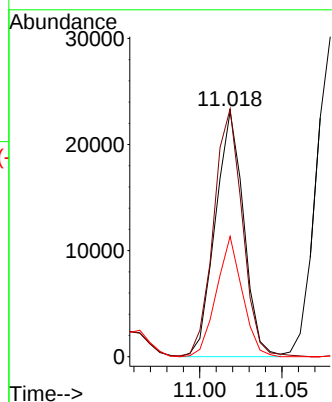
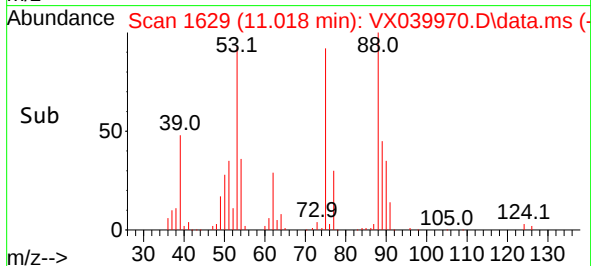
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



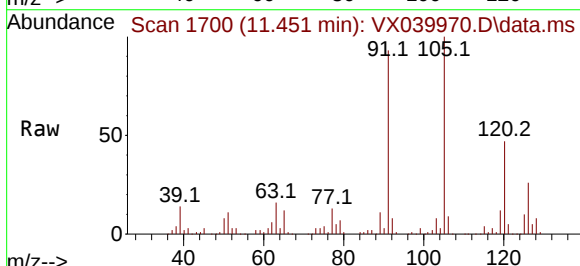
Tgt Ion: 75 Resp: 2773
Ion Ratio Lower Upper
75 100
53 102.2 90.5 135.7
89 44.8 36.9 55.3

Manual Integrations
APPROVED

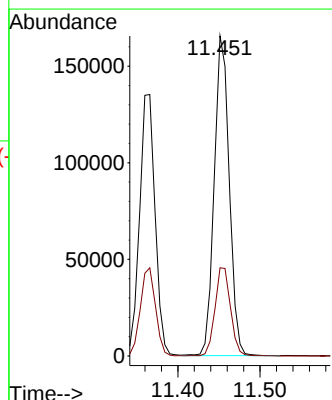
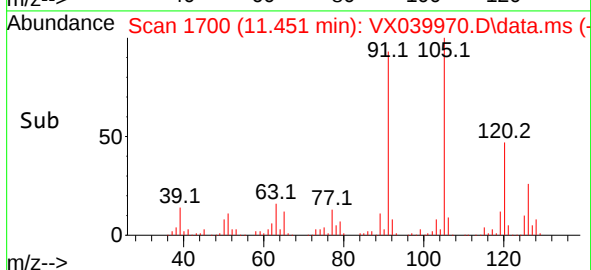
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

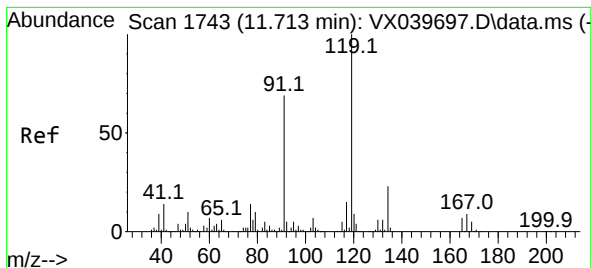


#82
4-Chlorotoluene
Concen: 48.960 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02



Tgt Ion: 91 Resp: 210091
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.804 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 200129

Ion Ratio Lower Upper

119 100

91 61.3 31.2 93.6

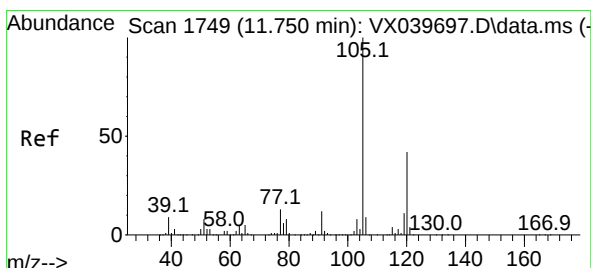
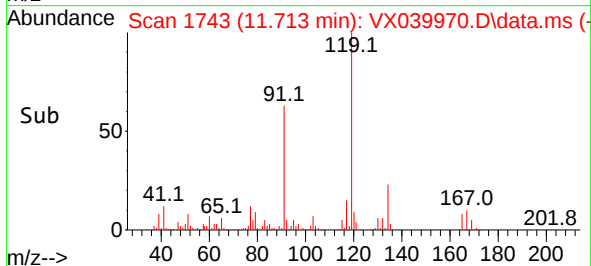
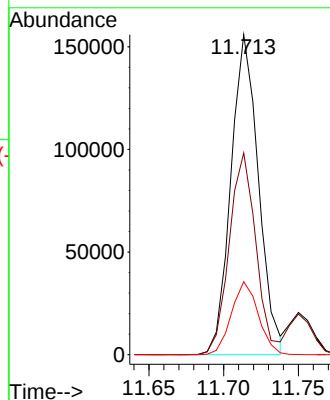
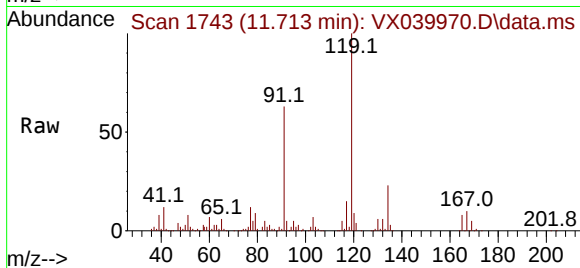
134 22.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.586 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039970.D

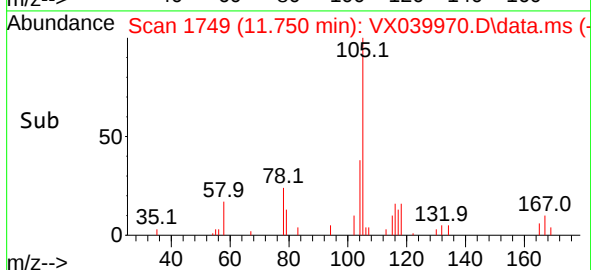
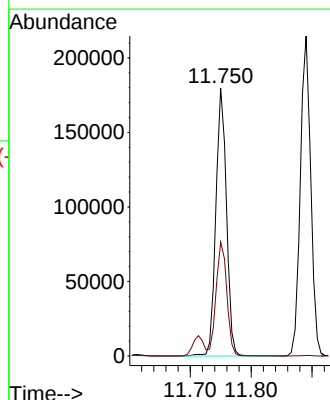
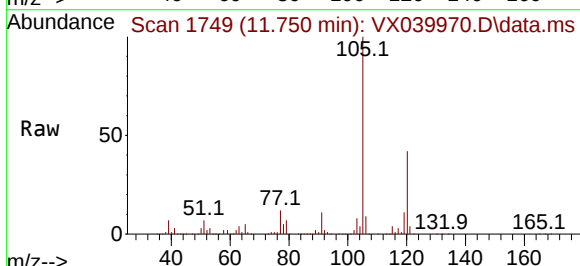
Acq: 26 Jan 2024 10:02

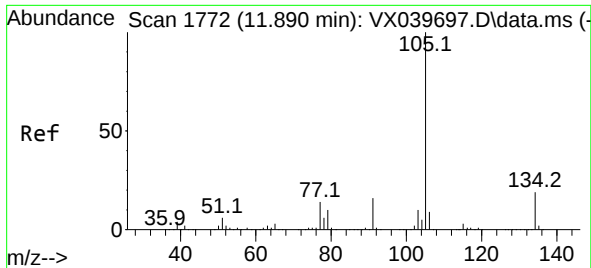
Tgt Ion:105 Resp: 216768

Ion Ratio Lower Upper

105 100

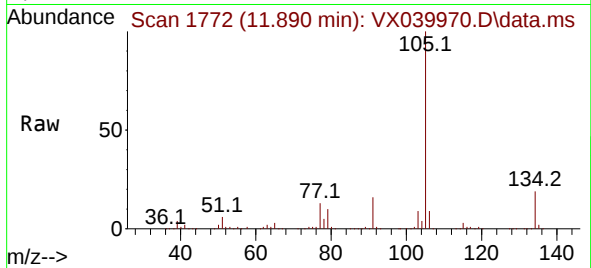
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.929 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039970.D
 Acq: 26 Jan 2024 10:02

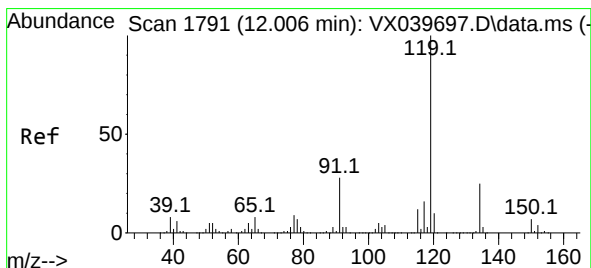
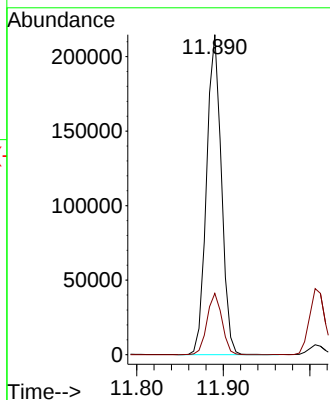
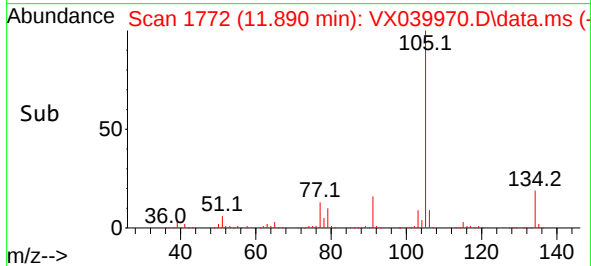
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



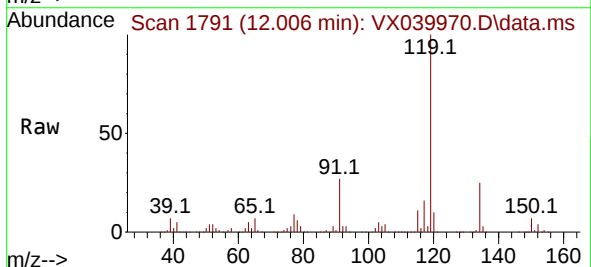
Tgt Ion:105 Resp: 25513
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

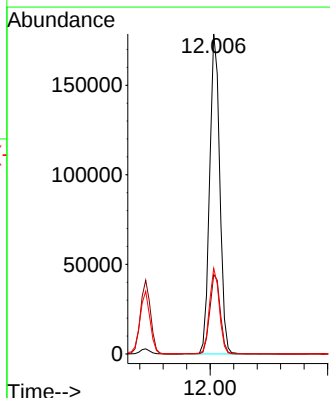
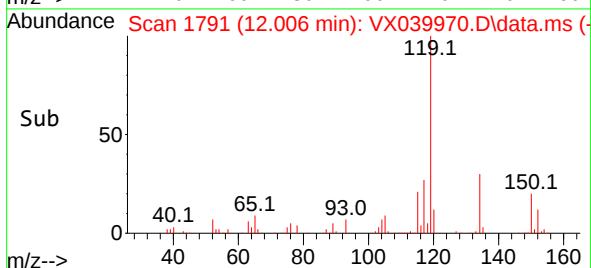
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/29/2024

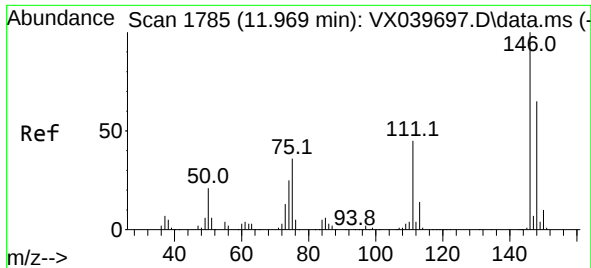


#86
 p-Isopropyltoluene
 Concen: 50.257 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039970.D
 Acq: 26 Jan 2024 10:02



Tgt Ion:119 Resp: 213811
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.378 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 115214

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

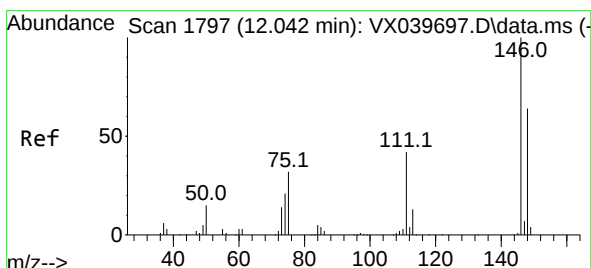
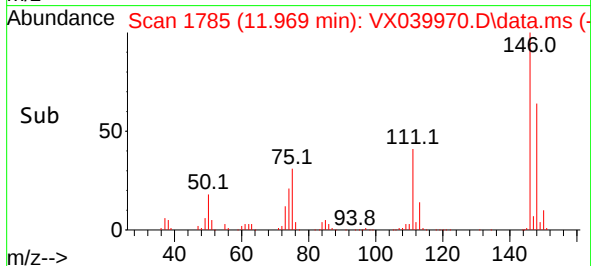
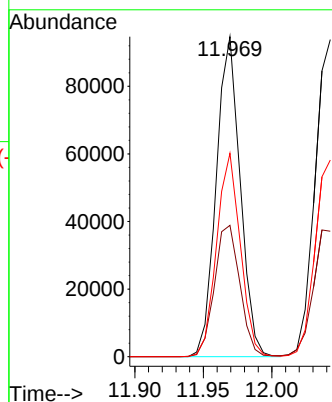
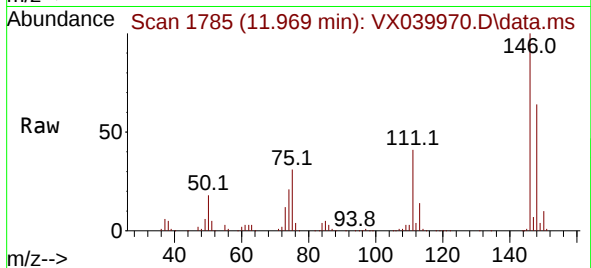
148 63.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#88

1,4-Dichlorobenzene

Concen: 52.343 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

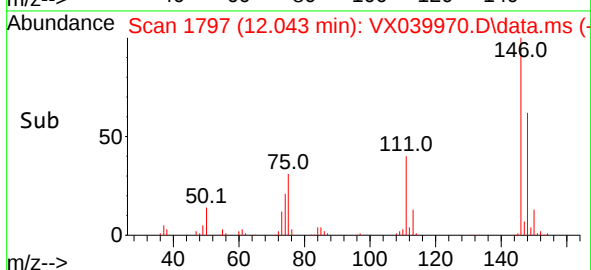
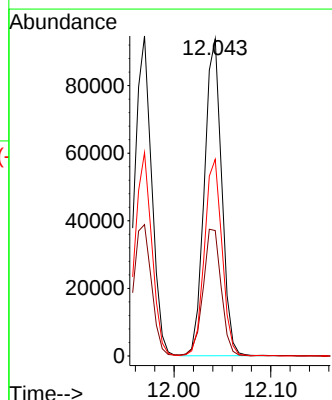
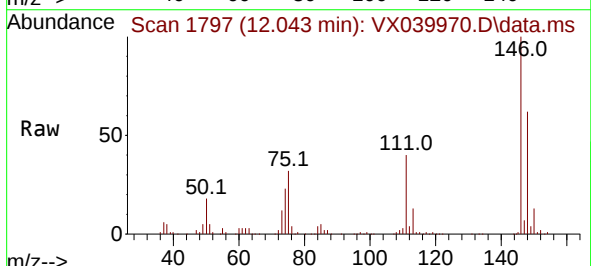
Tgt Ion:146 Resp: 116689

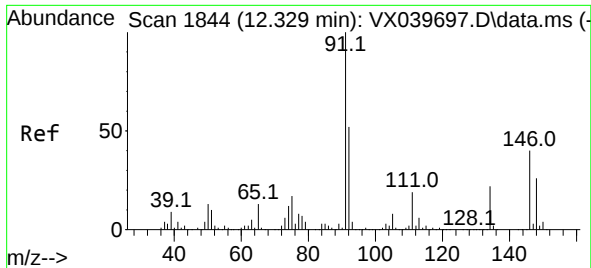
Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

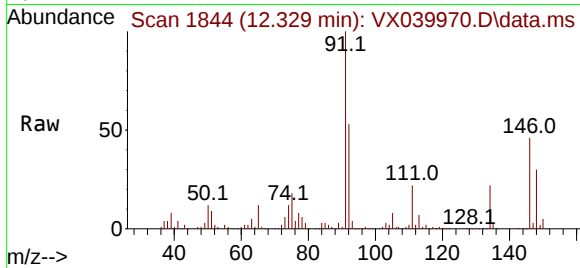
148 63.2 31.8 95.4





#89
n-Butylbenzene
Concen: 49.742 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

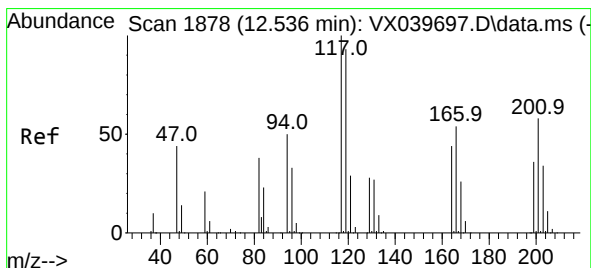
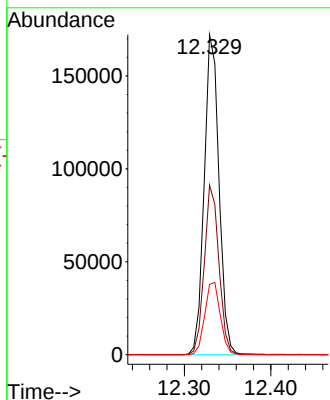
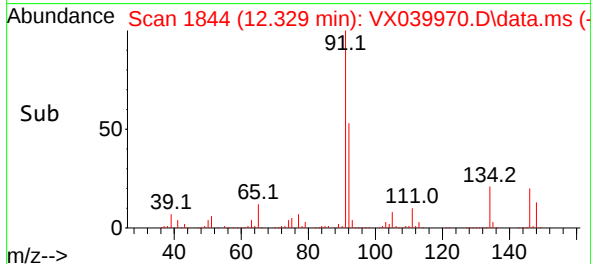
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 20439
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 23.7 12.6 37.8

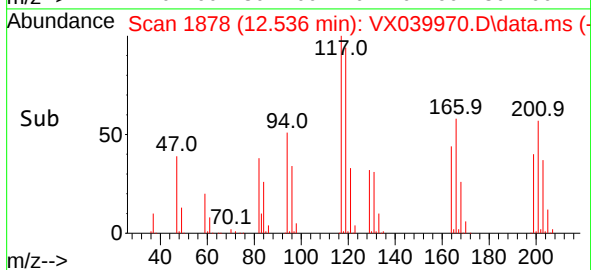
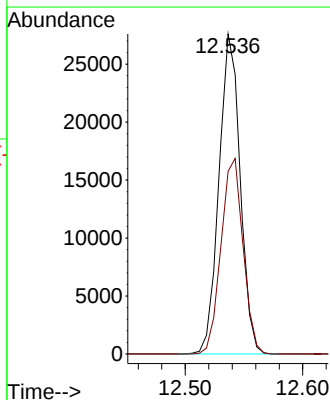
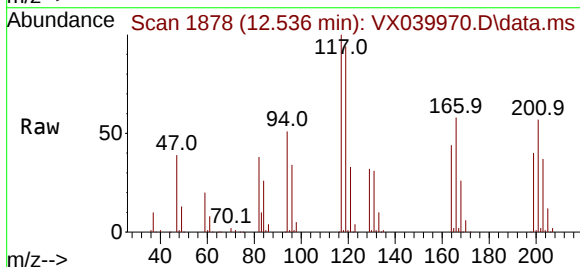
Manual Integrations
APPROVED

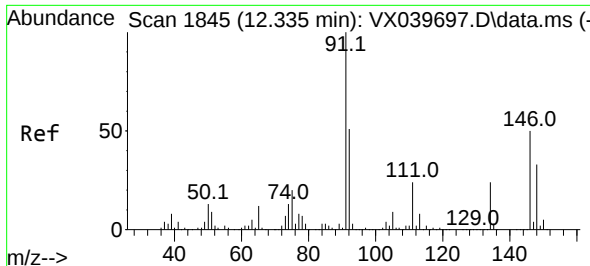
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#90
Hexachloroethane
Concen: 48.264 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

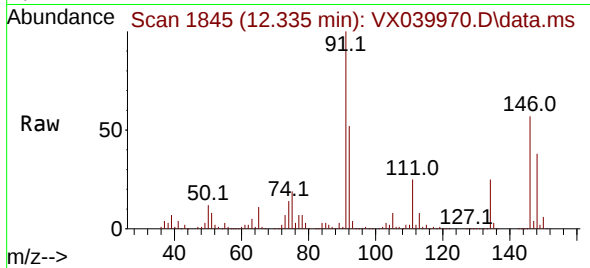
Tgt Ion:117 Resp: 34640
Ion Ratio Lower Upper
117 100
201 63.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.480 ug/l
RT: 12.335 min Scan# 11198
Delta R.T. 0.000 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

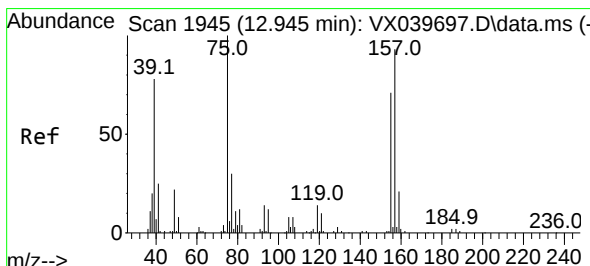
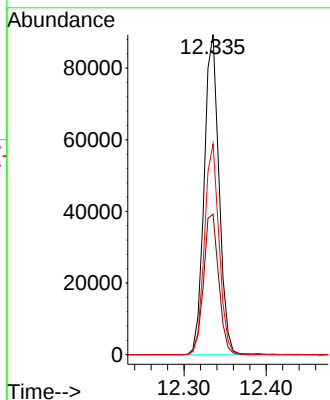
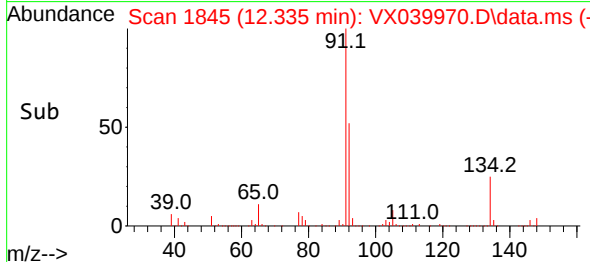
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 11198
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 64.6 31.6 95.0

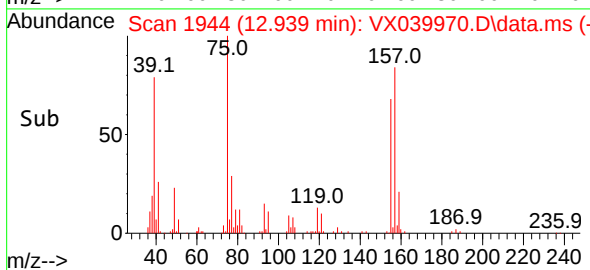
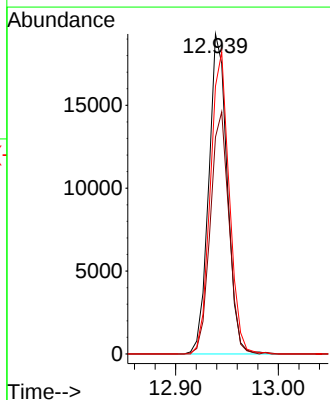
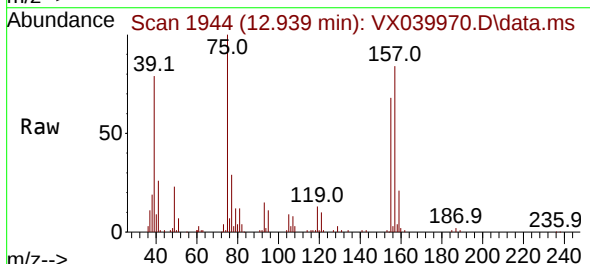
Manual Integrations
APPROVED

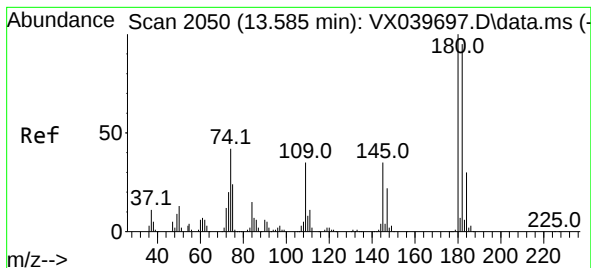
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.138 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039970.D
Acq: 26 Jan 2024 10:02

Tgt Ion: 75 Resp: 24199
Ion Ratio Lower Upper
75 100
155 75.9 36.1 108.5
157 96.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.017 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 71744

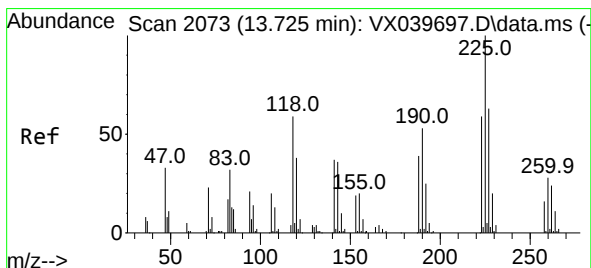
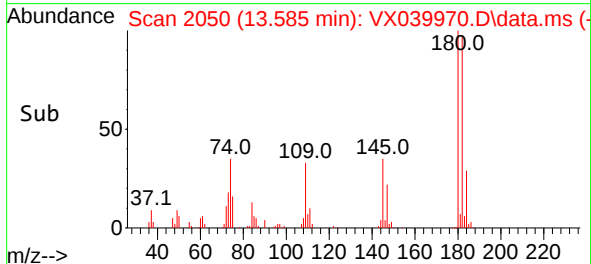
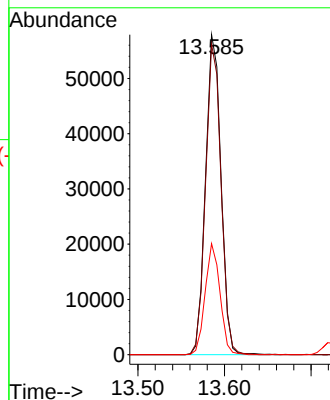
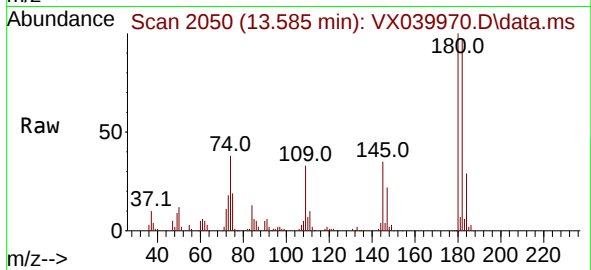
Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.3	144.8
145	33.4	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#94

Hexachlorobutadiene

Concen: 43.661 ug/l

RT: 13.725 min Scan# 2073

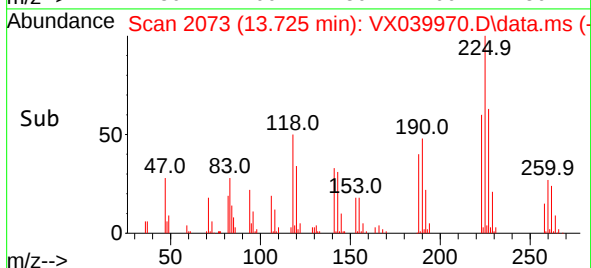
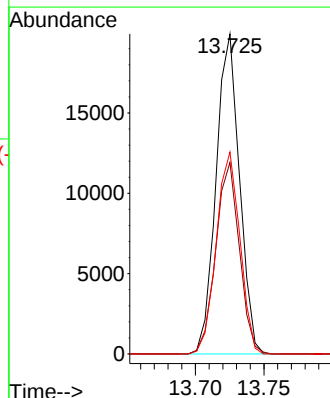
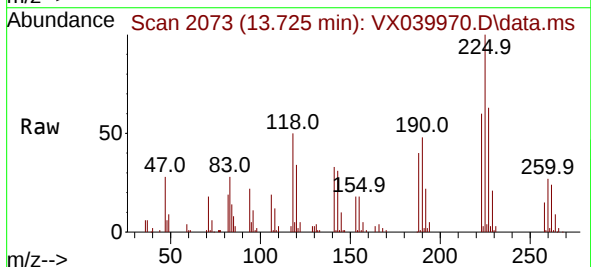
Delta R.T. 0.000 min

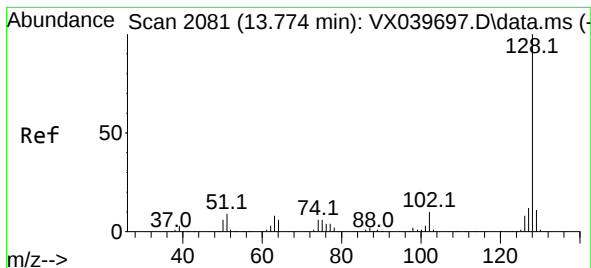
Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Tgt Ion:225 Resp: 23668

Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.1	93.2
227	63.6	32.5	97.5





#95

Naphthalene

Concen: 55.621 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 267019

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

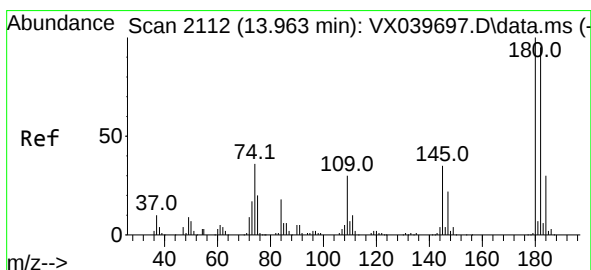
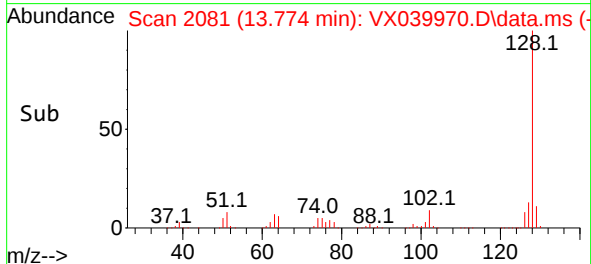
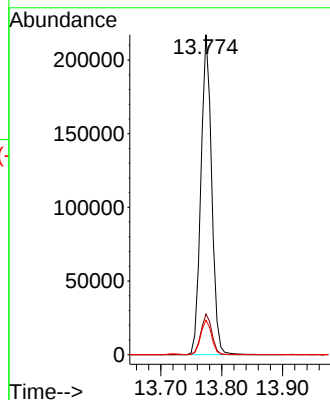
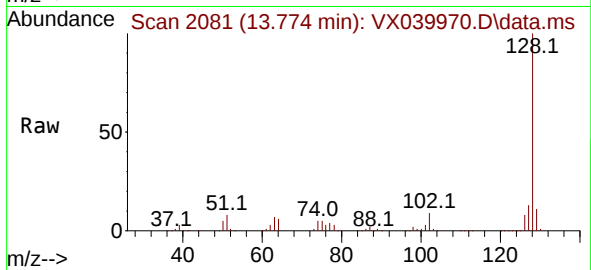
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.718 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039970.D

Acq: 26 Jan 2024 10:02

Tgt Ion:180 Resp: 73331

Ion Ratio Lower Upper

180 100

182 94.4 46.9 140.6

145 35.3 17.8 53.5

