

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039896.D
 Acq On : 23 Jan 2024 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65206	44.390	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.780%		
35) Dibromofluoromethane	5.379	113	48948	48.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	177298	46.449	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.079	95	73092	48.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49030	43.215	ug/l	97
3) Chloromethane	1.295	50	52184	40.274	ug/l	95
4) Vinyl Chloride	1.374	62	52441	42.885	ug/l	98
5) Bromomethane	1.599	94	36246	51.950	ug/l	97
6) Chloroethane	1.685	64	33810	48.637	ug/l	98
7) Trichlorofluoromethane	1.886	101	88372	50.098	ug/l	99
8) Diethyl Ether	2.130	74	30965	47.501	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	54298	49.651	ug/l	98
10) Methyl Iodide	2.453	142	58716	50.894	ug/l	95
11) Tert butyl alcohol	2.953	59	82682	216.231	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	50588	47.932	ug/l	92
13) Acrolein	2.233	56	50622	212.978	ug/l	99
14) Allyl chloride	2.660	41	94248	45.371	ug/l	98
15) Acrylonitrile	3.056	53	174511	220.940	ug/l	99
16) Acetone	2.374	43	231396	280.100	ug/l	94
17) Carbon Disulfide	2.508	76	136872	45.120	ug/l	99
18) Methyl Acetate	2.697	43	80438	46.541	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	178780	47.714	ug/l	100
20) Methylene Chloride	2.788	84	58871	47.112	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	54089	48.700	ug/l	98
22) Diisopropyl ether	3.757	45	189140	47.713	ug/l	92
23) Vinyl Acetate	3.715	43	878148	238.311	ug/l	99
24) 1,1-Dichloroethane	3.605	63	105324	48.295	ug/l	98
25) 2-Butanone	4.544	43	281546	237.154	ug/l	99
26) 2,2-Dichloropropane	4.471	77	82325	47.035	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62683	49.207	ug/l	99
28) Bromochloromethane	4.898	49	45510	46.037	ug/l	96
29) Tetrahydrofuran	4.995	42	160679	210.278	ug/l	100
30) Chloroform	5.087	83	109765	50.985	ug/l	99
31) Cyclohexane	5.471	56	87931	45.357	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	92890	50.399	ug/l	98
36) 1,1-Dichloropropene	5.690	75	77272	49.052	ug/l	99
37) Ethyl Acetate	4.702	43	94664	45.044	ug/l	98
38) Carbon Tetrachloride	5.672	117	76675	53.143	ug/l	98
39) Methylcyclohexane	7.373	83	93993	49.688	ug/l	99
40) Benzene	6.031	78	224908	50.420	ug/l	96

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Quant Time: Jan 24 02:26:41 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	4.910	41	49214	47.888	ug/l	94
42) 1,2-Dichloroethane	6.080	62	89486	52.766	ug/l	99
43) Isopropyl Acetate	6.330	43	149731	48.568	ug/l	99
44) Trichloroethene	7.117	130	56672	51.839	ug/l	95
45) 1,2-Dichloropropane	7.428	63	61666	51.533	ug/l	98
46) Dibromomethane	7.574	93	43797	52.991	ug/l	98
47) Bromodichloromethane	7.818	83	86027	56.200	ug/l	97
48) Methyl methacrylate	7.690	41	74348	49.063	ug/l	93
49) 1,4-Dioxane	7.653	88	23924	815.911	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	509869	240.136	ug/l	97
52) Toluene	8.714	92	139253	52.265	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	90143	55.497	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	94605	52.969	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	59438	52.398	ug/l	93
56) Ethyl methacrylate	9.110	69	95105	51.802	ug/l	96
57) 1,3-Dichloropropane	9.305	76	99861	51.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	206175	237.583	ug/l	96
59) 2-Hexanone	9.427	43	433405	257.912	ug/l	98
60) Dibromochloromethane	9.519	129	62150	58.097	ug/l	100
61) 1,2-Dibromoethane	9.604	107	63468	54.029	ug/l	99
64) Tetrachloroethene	9.269	164	47495	50.917	ug/l	97
65) Chlorobenzene	10.080	112	149155	49.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55209	54.271	ug/l	99
67) Ethyl Benzene	10.189	91	281941	50.832	ug/l	97
68) m/p-Xylenes	10.299	106	210088	102.992	ug/l	96
69) o-Xylene	10.640	106	100792	49.894	ug/l	94
70) Styrene	10.653	104	173461	52.565	ug/l	98
71) Bromoform	10.799	173	43905	57.478	ug/l #	100
73) Isopropylbenzene	10.957	105	279049	46.795	ug/l	100
74) N-amyl acetate	10.842	43	143831	46.273	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	101582	44.611	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86256m	44.420	ug/l	
77) Bromobenzene	11.195	156	62289	46.914	ug/l	96
78) n-propylbenzene	11.305	91	347900	48.203	ug/l	97
79) 2-Chlorotoluene	11.360	91	202316	45.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	243056	47.991	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28930	44.990	ug/l	98
82) 4-Chlorotoluene	11.451	91	240111	47.455	ug/l	98
83) tert-Butylbenzene	11.713	119	230756	47.724	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	243699	48.230	ug/l	99
85) sec-Butylbenzene	11.890	105	311699	49.660	ug/l	98
86) p-Isopropyltoluene	12.006	119	252998	50.433	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124313	48.844	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126723	48.208	ug/l	99
89) n-Butylbenzene	12.329	91	251867	51.983	ug/l	95
90) Hexachloroethane	12.536	117	43364	51.240	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121049	48.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25594	45.869	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	77324	50.287	ug/l	98
94) Hexachlorobutadiene	13.725	225	34855	54.530	ug/l	97
95) Naphthalene	13.774	128	259054	45.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76263	49.142	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

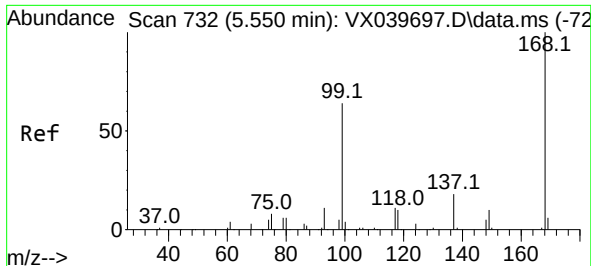
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:26:41 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

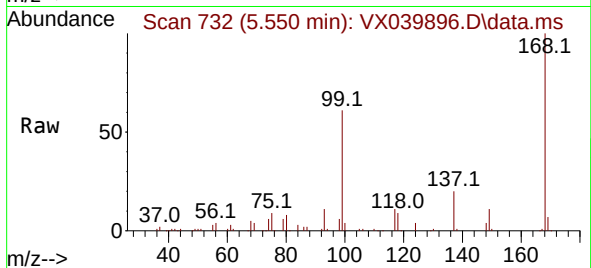
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

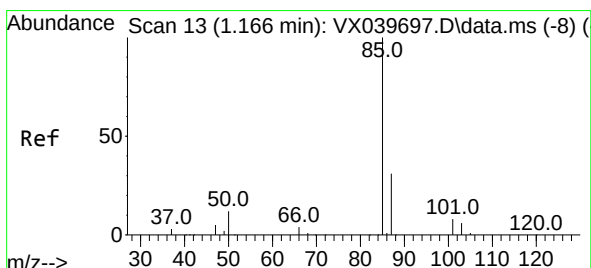
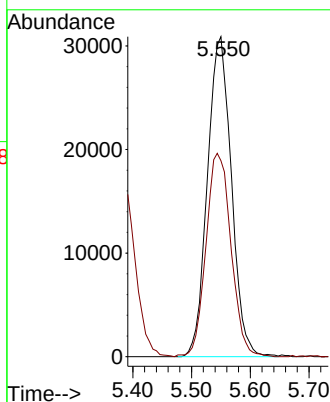
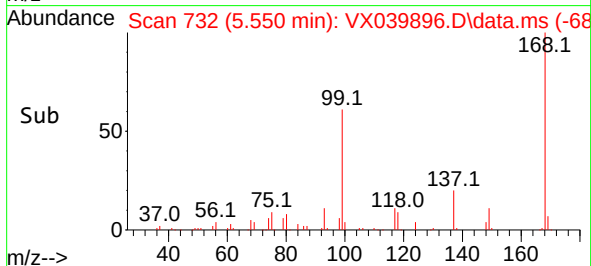
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 87690
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0

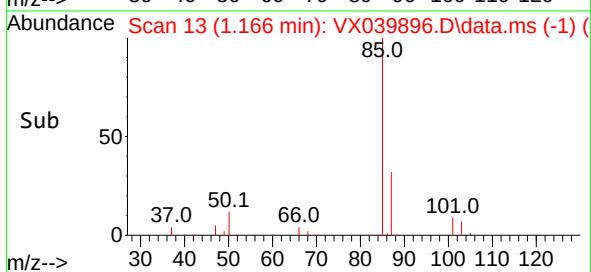
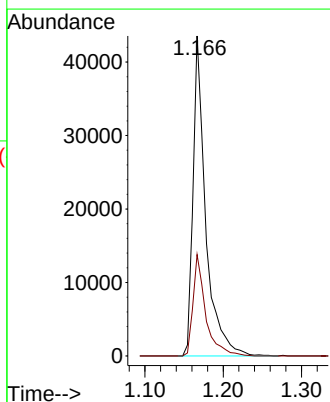
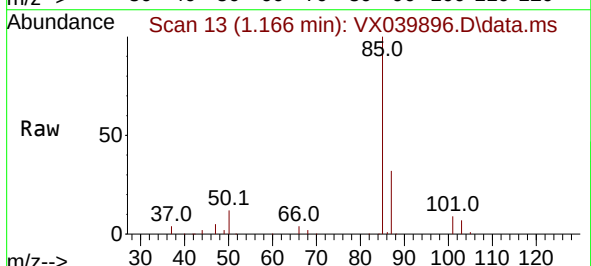
Manual Integrations
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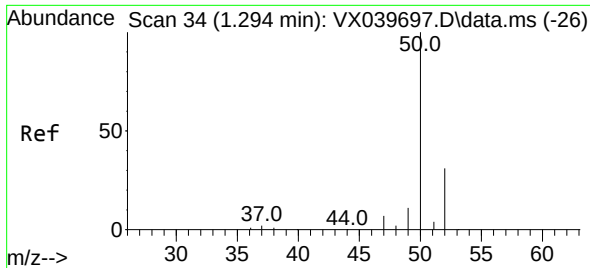
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#2
Dichlorodifluoromethane
Concen: 43.215 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

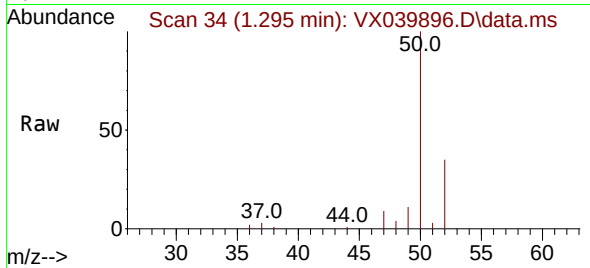
Tgt Ion: 85 Resp: 49030
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





#3
Chloromethane
Concen: 40.274 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

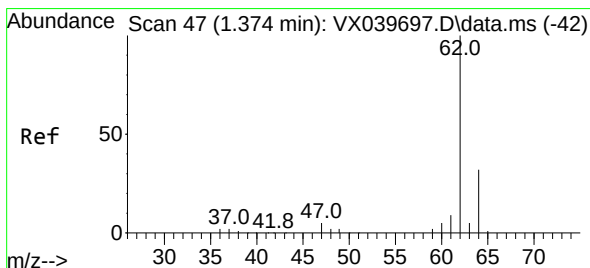
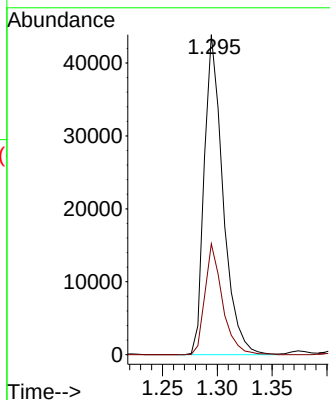
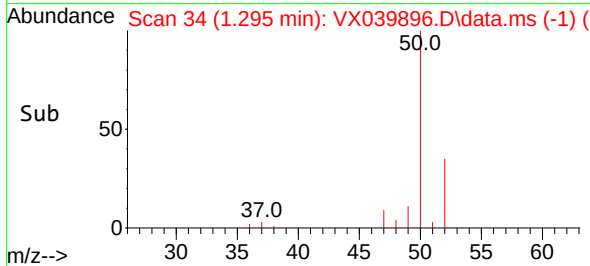
Instrument :
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ClientSampleId :
VSTDCCC050



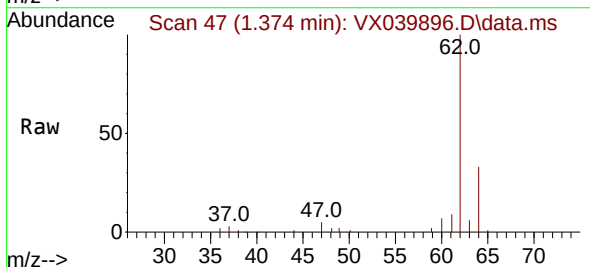
Tgt Ion: 50 Resp: 52184
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3

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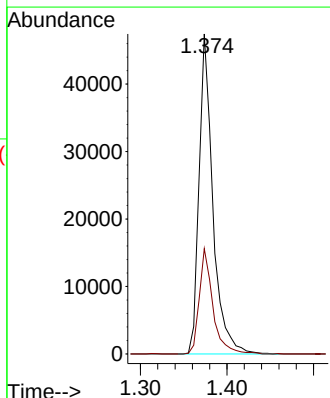
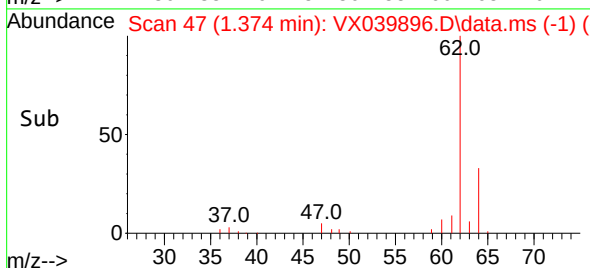
Reviewed By :John Carlone 01/24/2024
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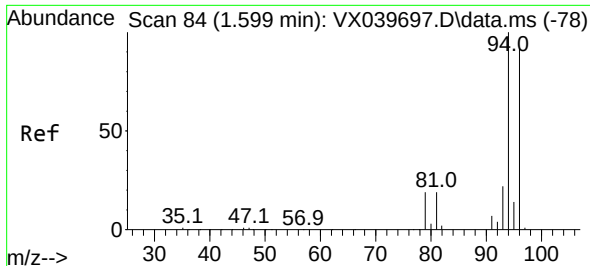


#4
Vinyl Chloride
Concen: 42.885 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15



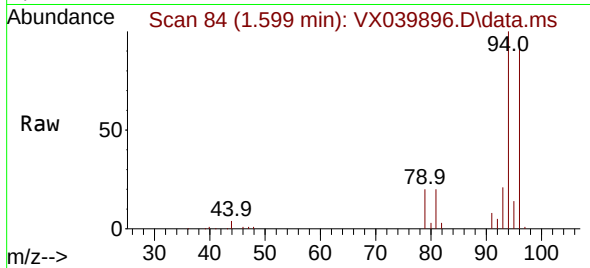
Tgt Ion: 62 Resp: 52441
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 51.950 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

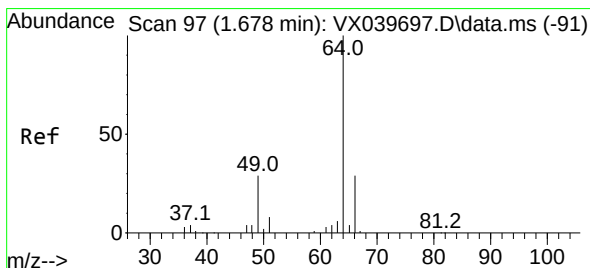
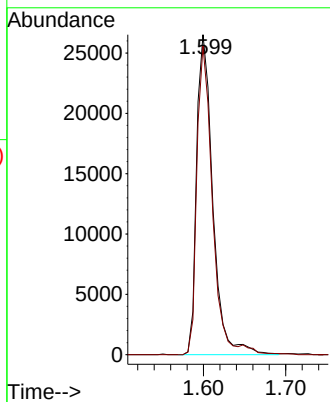
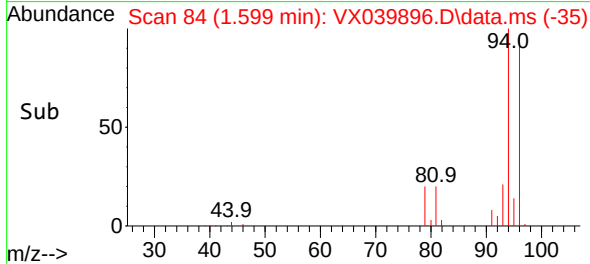
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 36240
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8

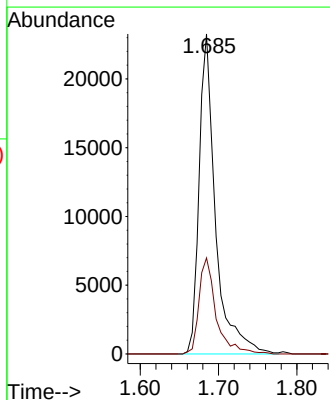
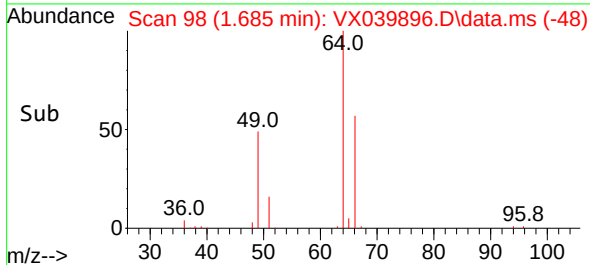
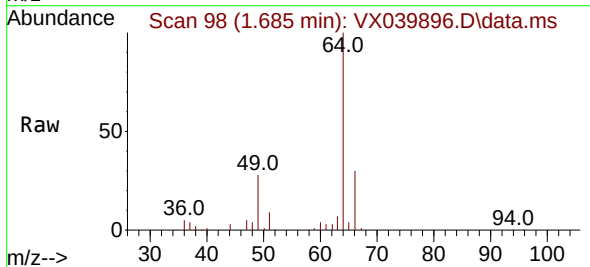
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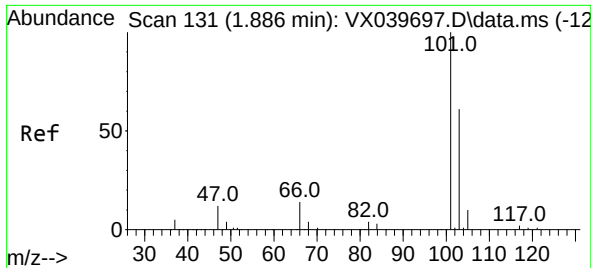
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#6
Chloroethane
Concen: 48.637 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 64 Resp: 33810
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7





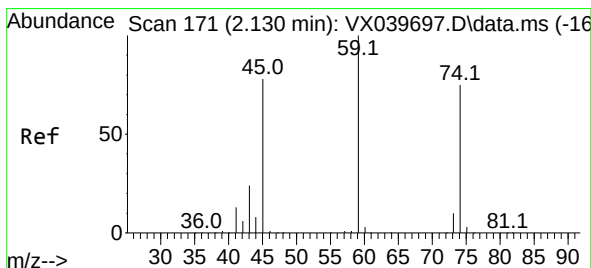
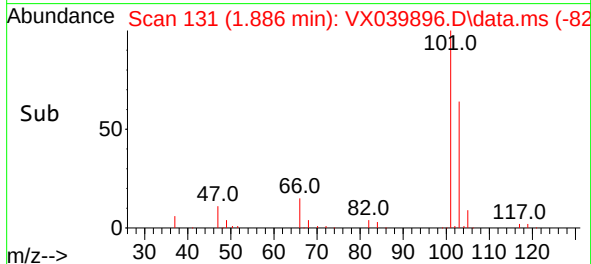
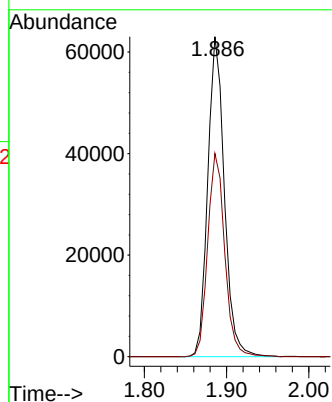
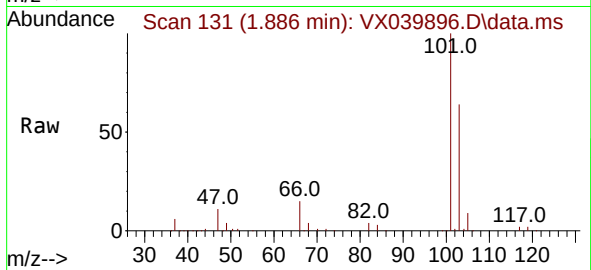
#7
Trichlorofluoromethane
Concen: 50.098 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 88372
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

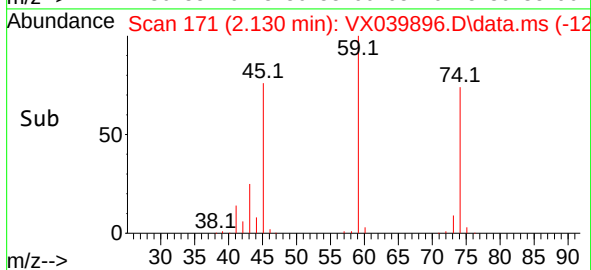
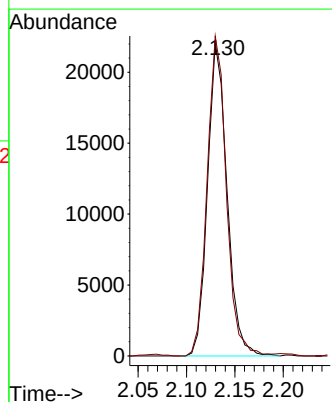
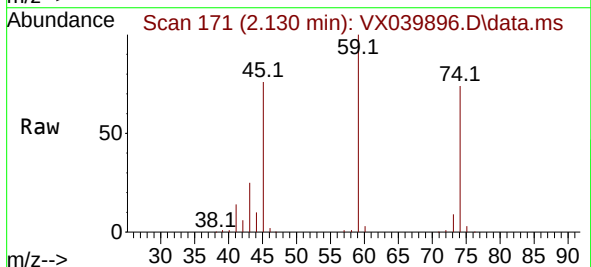
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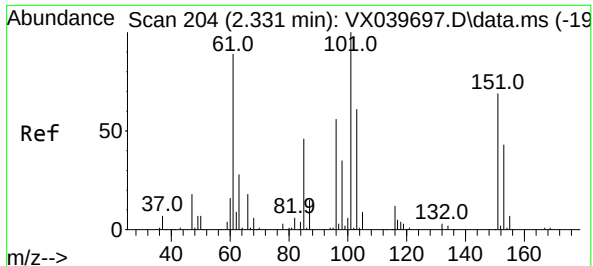
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Diethyl Ether
Concen: 47.501 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 74 Resp: 30965
Ion Ratio Lower Upper
74 100
45 101.3 53.3 159.8





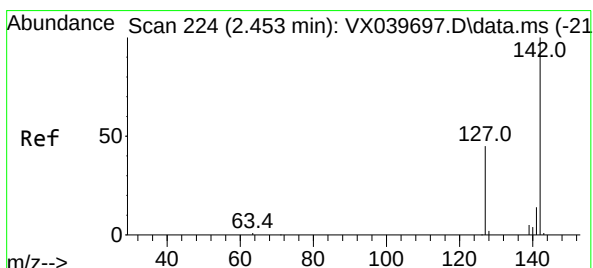
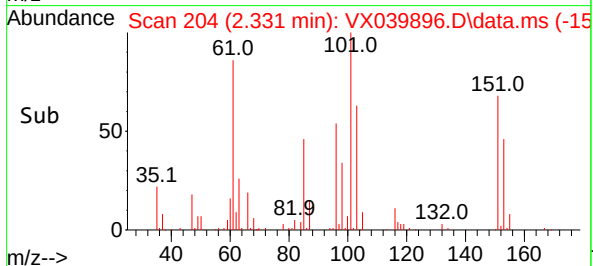
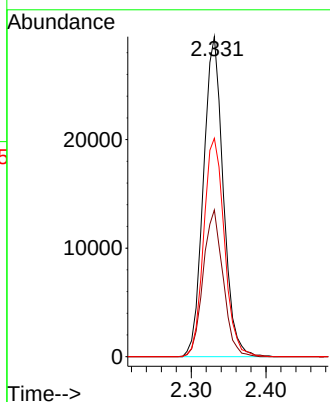
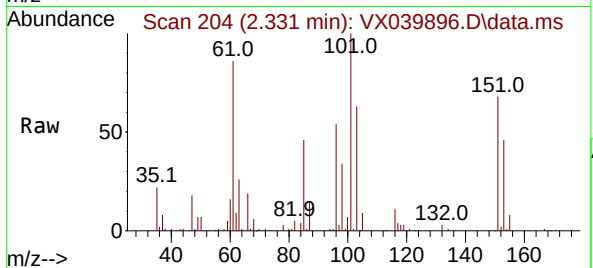
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.651 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 54298
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 71.2 58.6 87.8

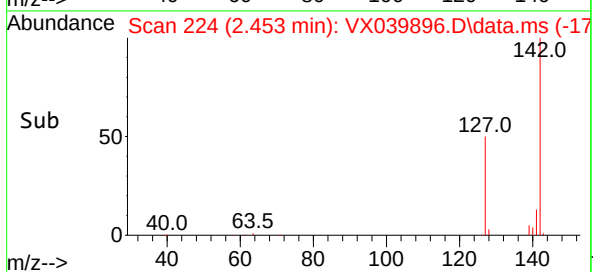
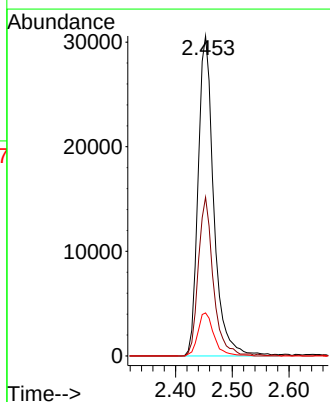
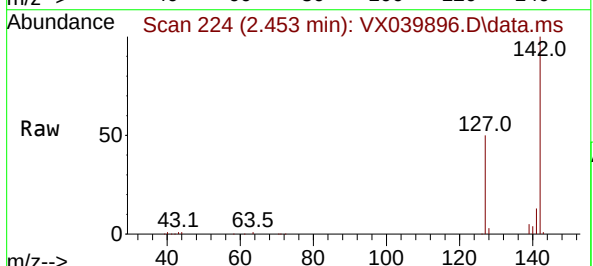
Manual Integrations
APPROVED

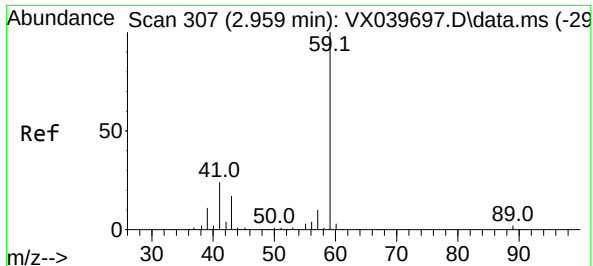
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Methyl Iodide
Concen: 50.894 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion:142 Resp: 58716
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 216.231 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 8268

Ion Ratio Lower Upper

59 100

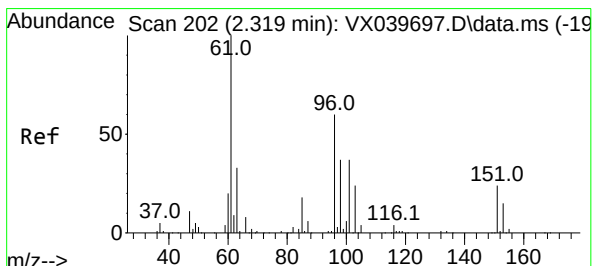
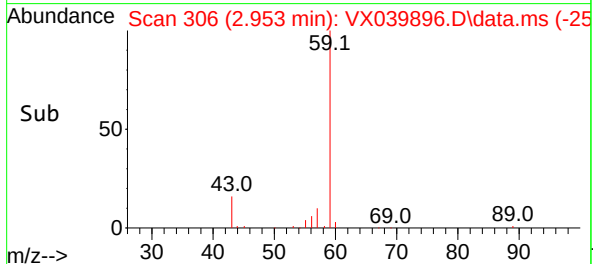
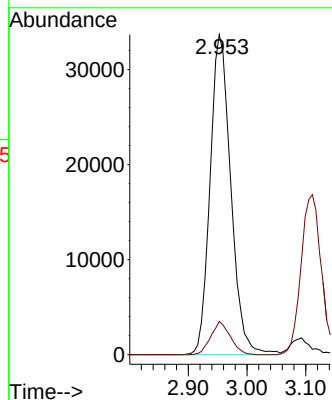
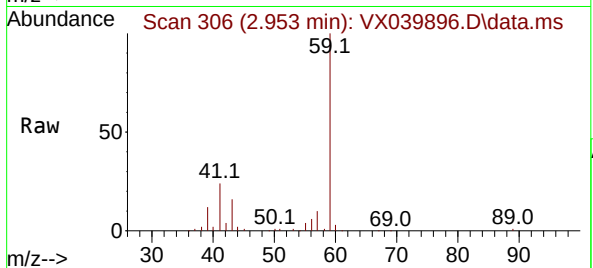
57 9.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#12

1,1-Dichloroethene

Concen: 47.932 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

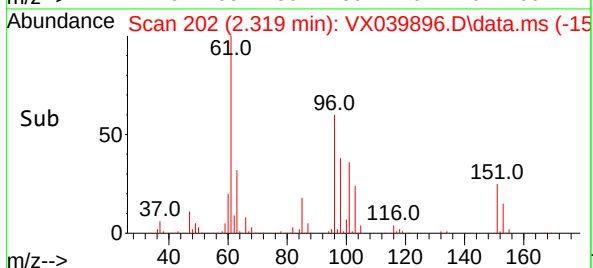
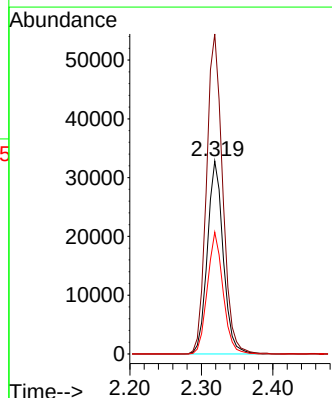
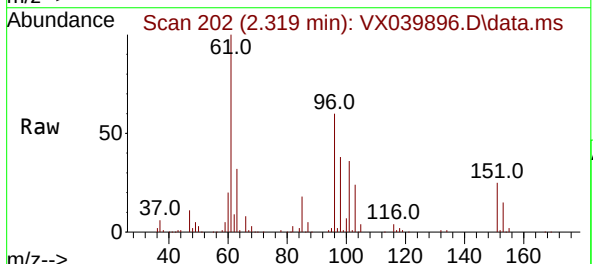
Tgt Ion: 96 Resp: 50588

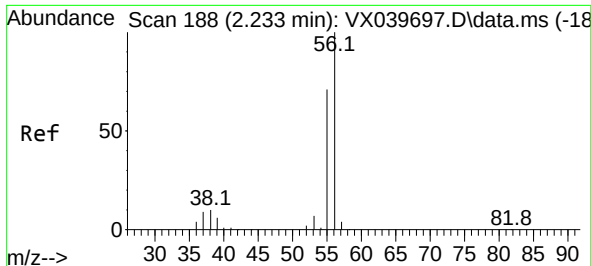
Ion Ratio Lower Upper

96 100

61 165.9 144.6 216.8

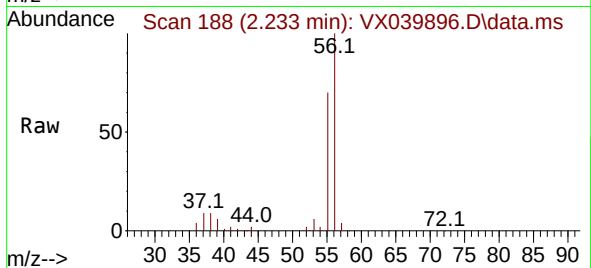
98 63.2 50.4 75.6





#13
Acrolein
Concen: 212.978 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

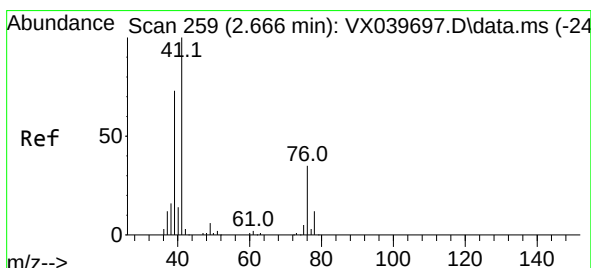
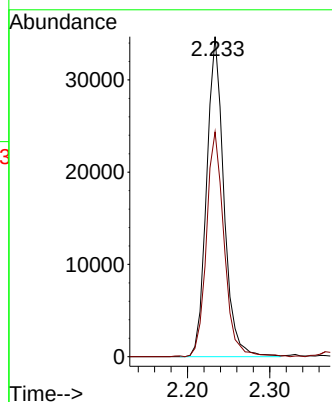
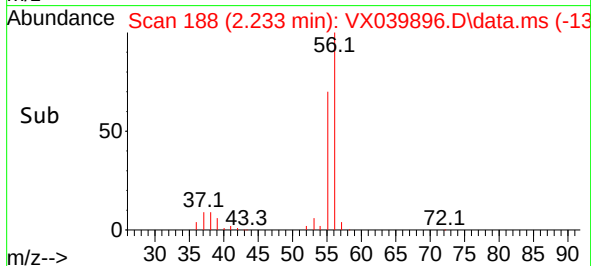
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5062
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

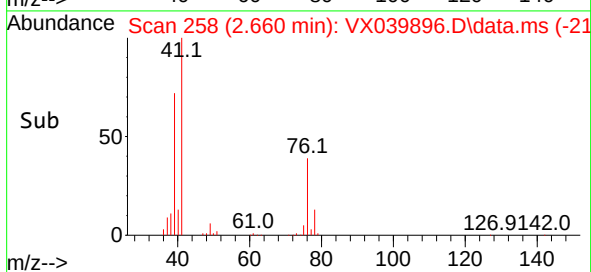
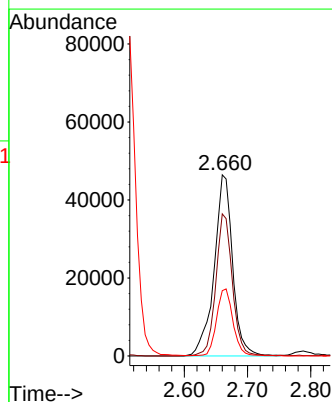
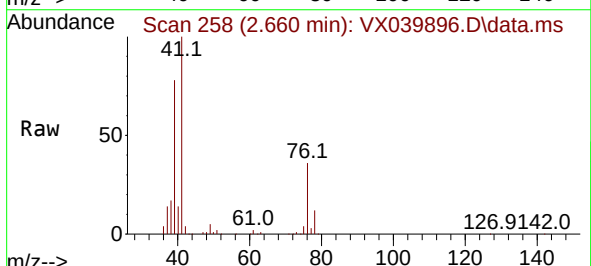
Manual Integrations
APPROVED

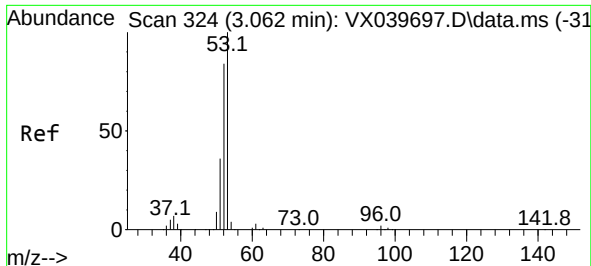
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#14
Allyl chloride
Concen: 45.371 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

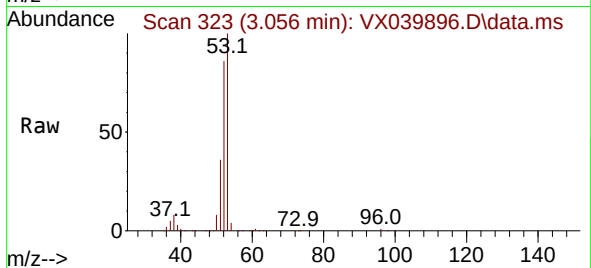
Tgt Ion: 41 Resp: 94248
Ion Ratio Lower Upper
41 100
39 70.0 55.8 83.6
76 32.8 24.3 36.5





#15
Acrylonitrile
Concen: 220.940 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

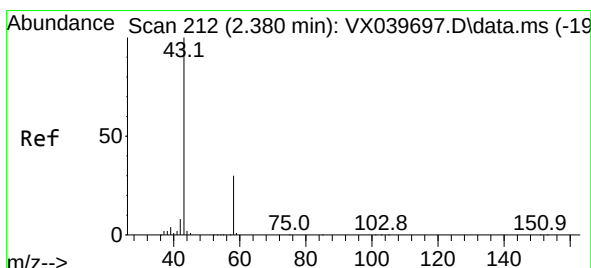
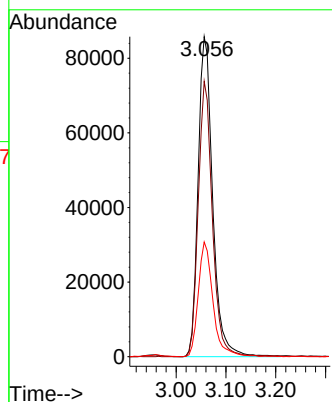
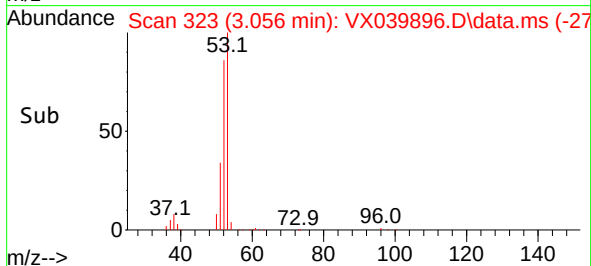
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17451
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.1 29.8 44.6

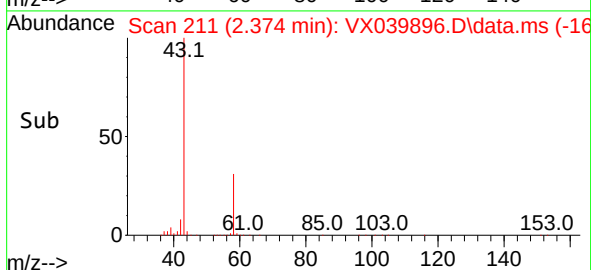
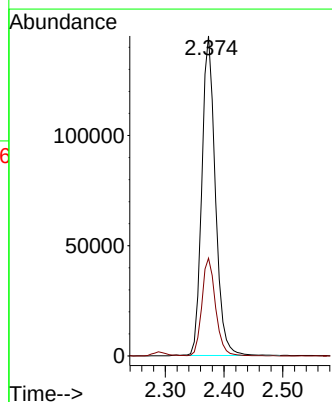
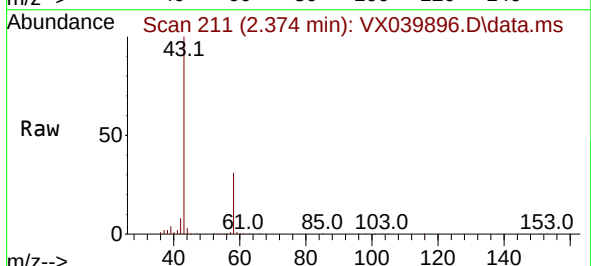
Manual Integrations
APPROVED

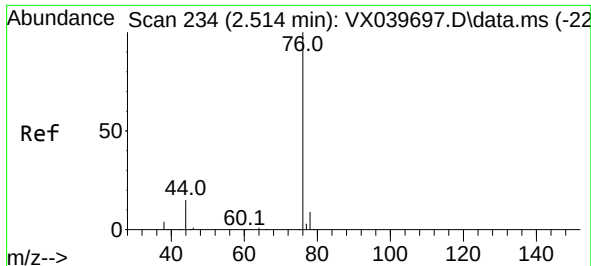
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
Acetone
Concen: 280.100 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

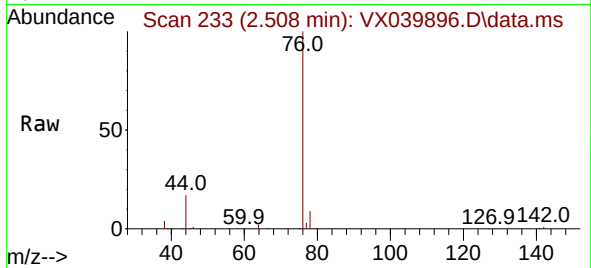
Tgt Ion: 43 Resp: 231396
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#17
Carbon Disulfide
Concen: 45.120 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

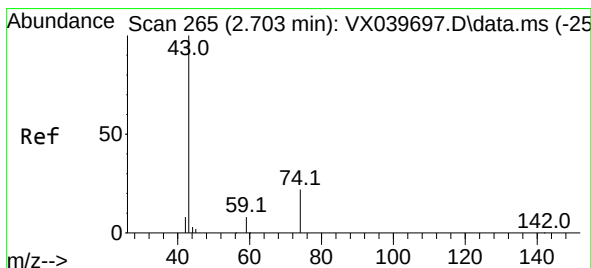
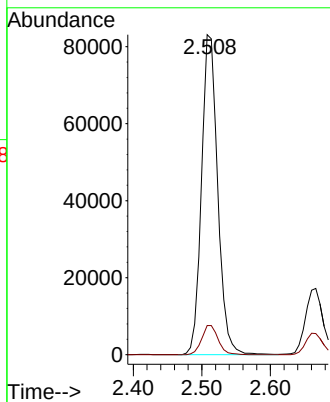
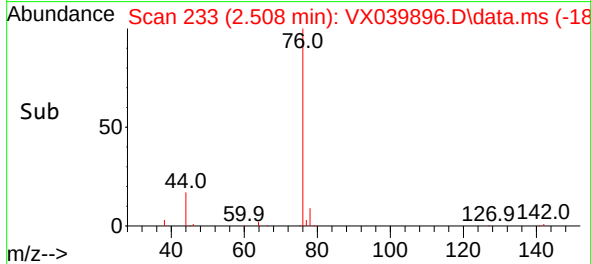
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 136872
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

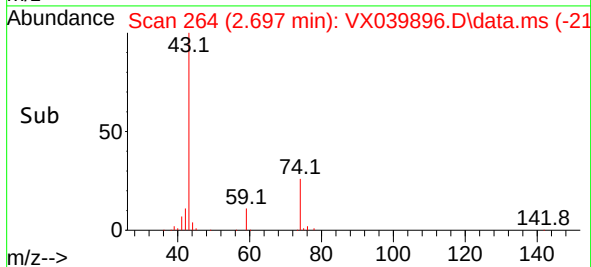
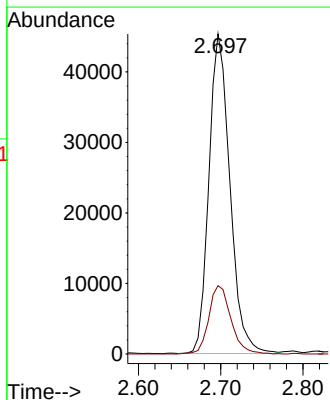
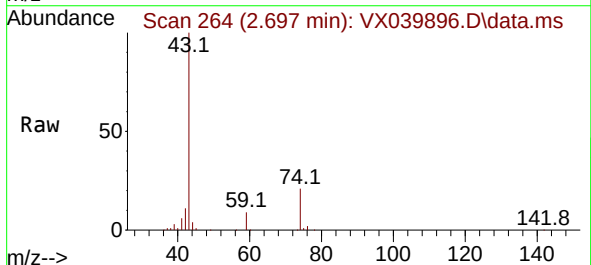
Manual Integrations
APPROVED

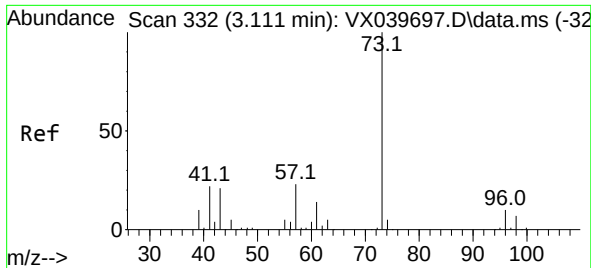
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#18
Methyl Acetate
Concen: 46.541 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 43 Resp: 80438
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8





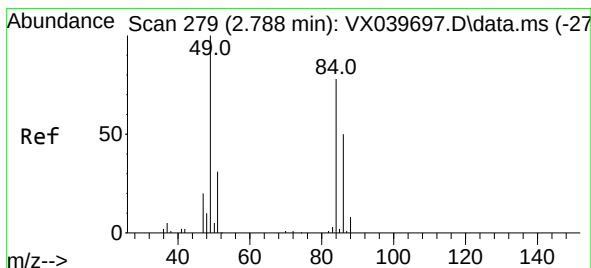
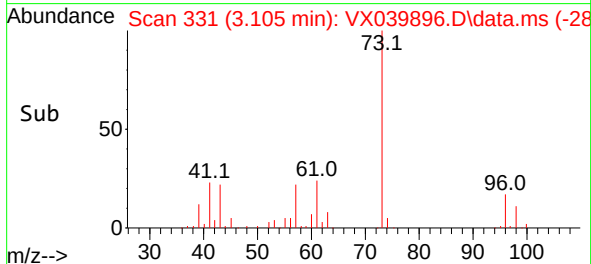
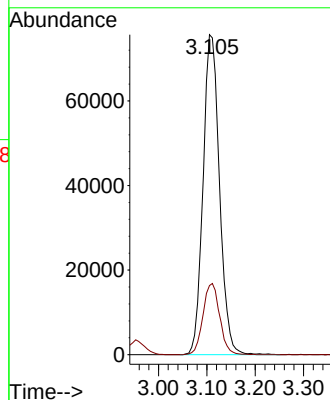
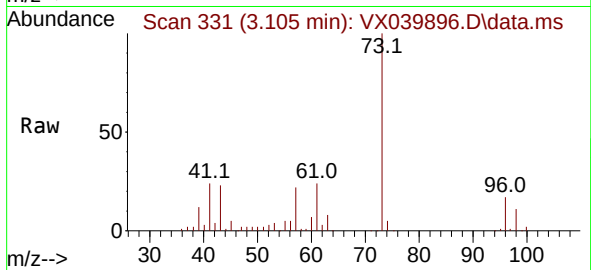
#19
Methyl tert-butyl Ether
Concen: 47.714 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 178780
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

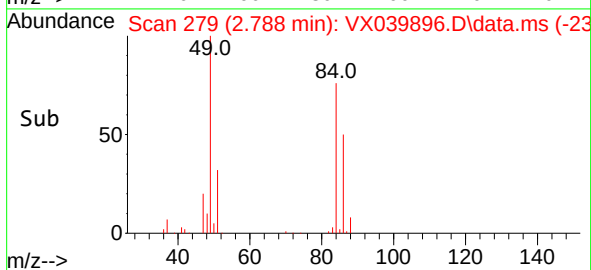
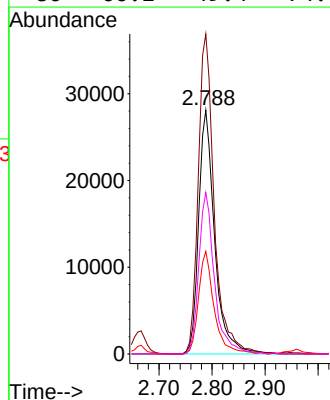
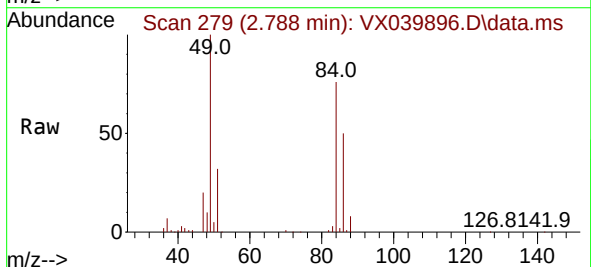
Manual Integrations
APPROVED

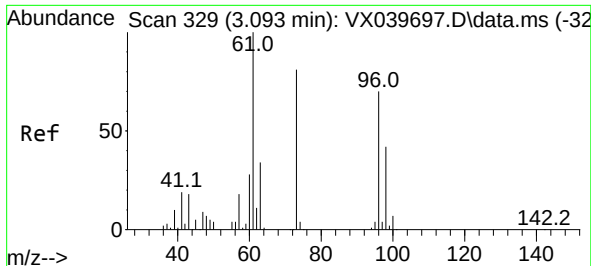
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 47.112 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

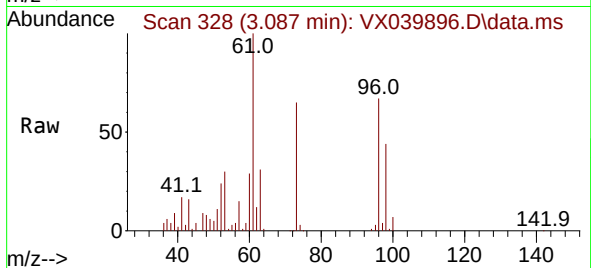
Tgt Ion: 84 Resp: 58871
Ion Ratio Lower Upper
84 100
49 131.3 103.6 155.4
51 42.1 33.8 50.6
86 66.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.700 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

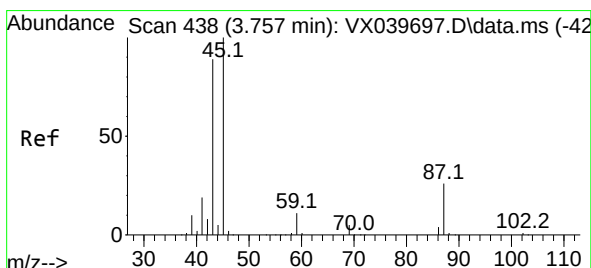
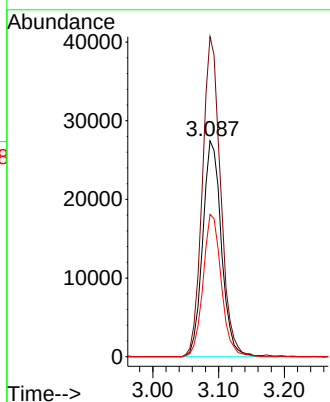
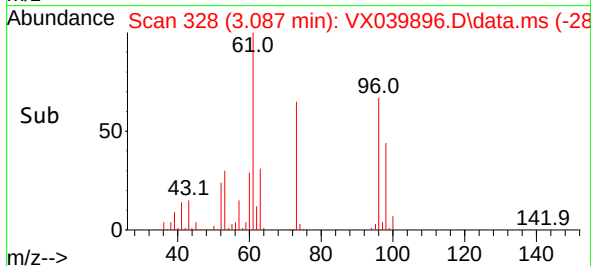
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 54089
Ion Ratio Lower Upper
96 100
61 148.3 119.2 178.8
98 65.9 48.7 73.1

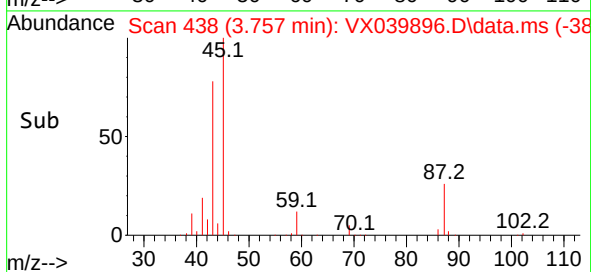
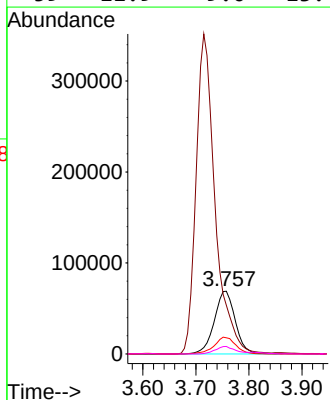
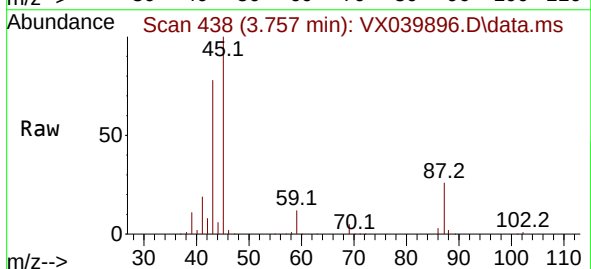
Manual Integrations
APPROVED

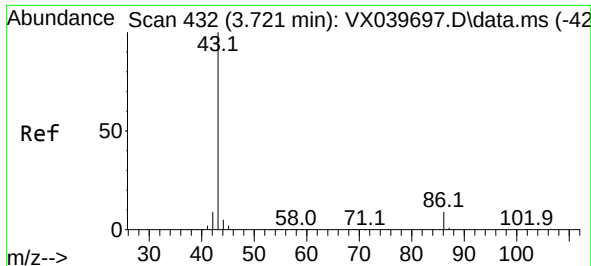
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#22
Diisopropyl ether
Concen: 47.713 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

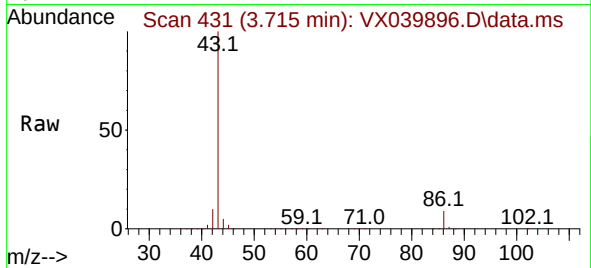
Tgt Ion: 45 Resp: 189140
Ion Ratio Lower Upper
45 100
43 77.3 69.7 104.5
87 25.8 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 238.311 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039896.D
 Acq: 23 Jan 2024 09:15

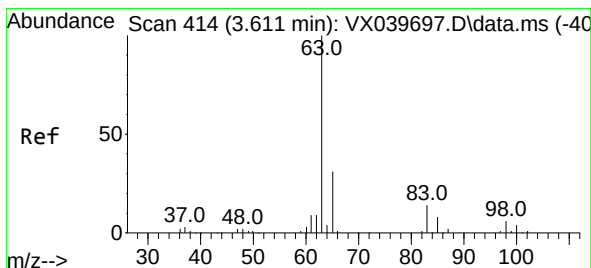
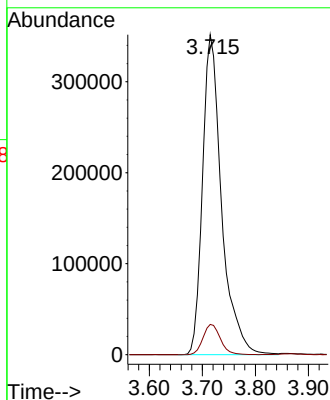
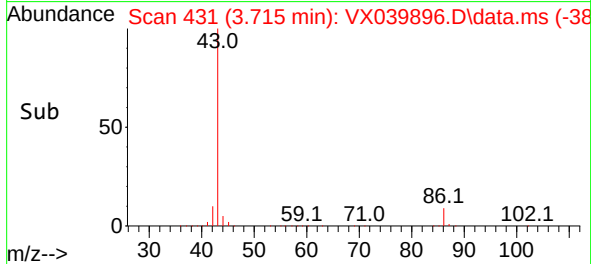
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



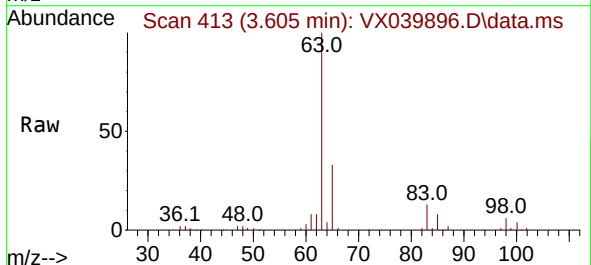
Tgt Ion: 43 Resp: 87814
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

Manual Integrations
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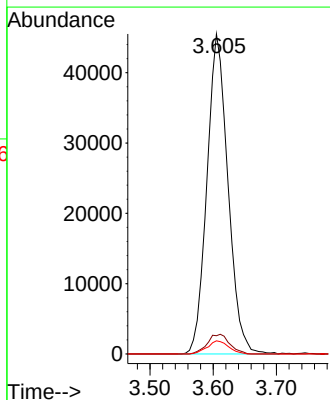
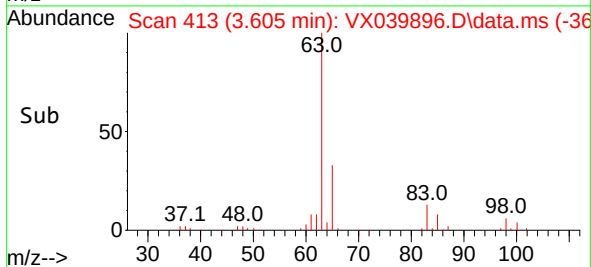
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

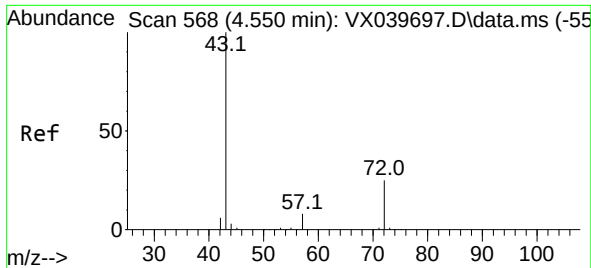


#24
 1,1-Dichloroethane
 Concen: 48.295 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039896.D
 Acq: 23 Jan 2024 09:15



Tgt Ion: 63 Resp: 105324
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 4.1 2.1 6.5





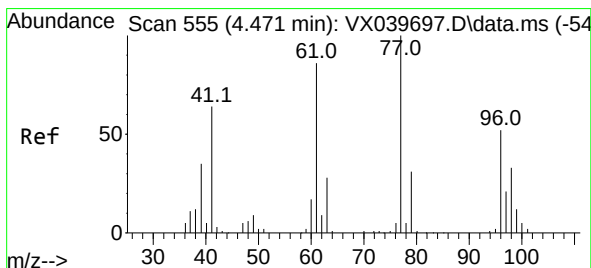
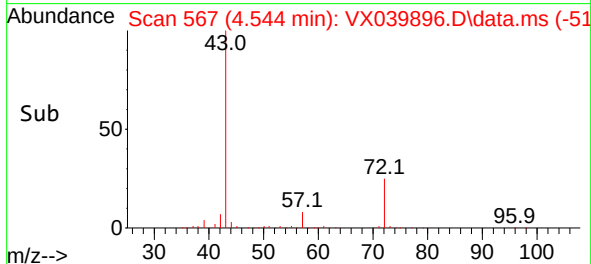
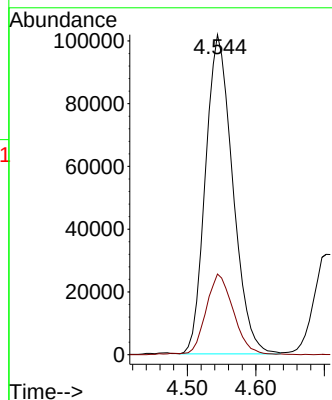
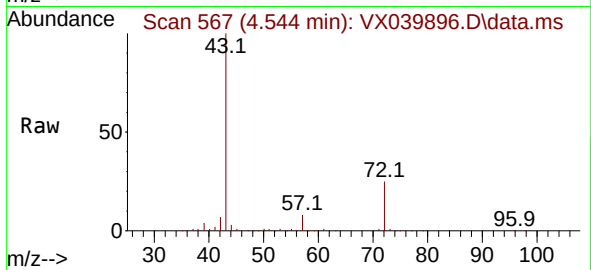
#25
2-Butanone
Concen: 237.154 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 281540
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

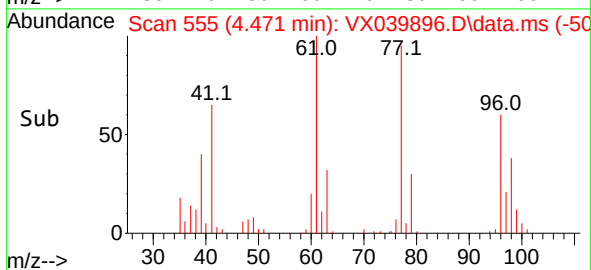
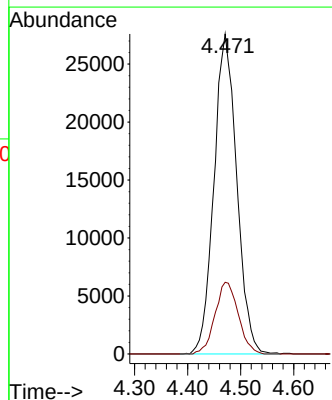
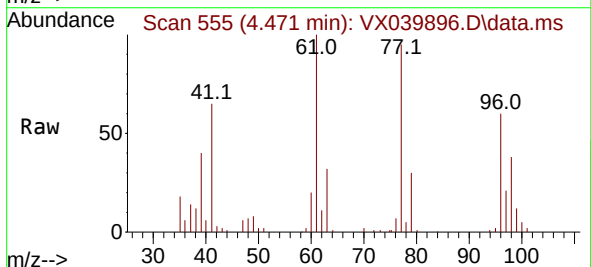
Manual Integrations
APPROVED

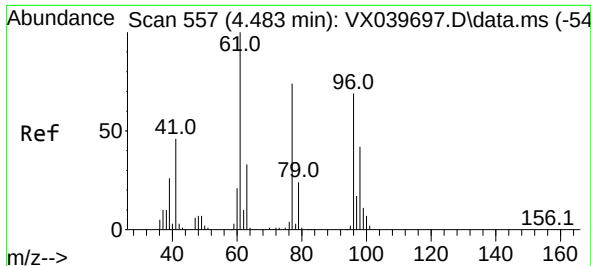
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
2,2-Dichloropropane
Concen: 47.035 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 77 Resp: 82325
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.207 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6268

Ion Ratio Lower Upper

96 100

61 153.9 0.0 312.2

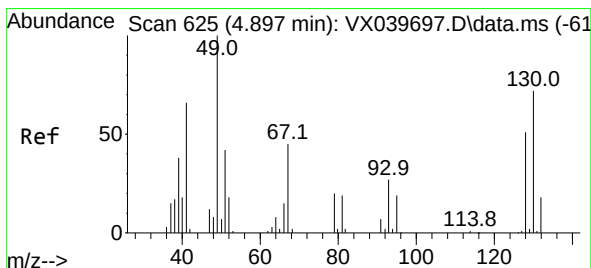
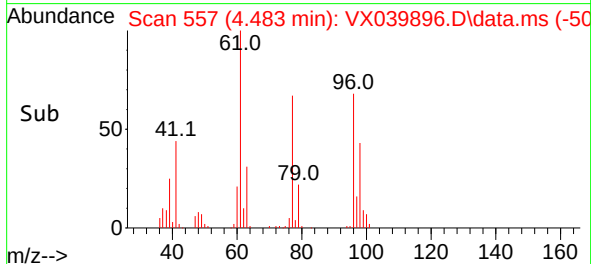
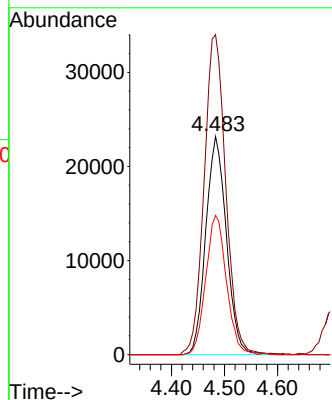
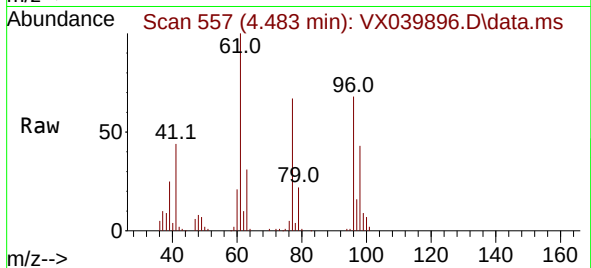
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#28

Bromochloromethane

Concen: 46.037 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

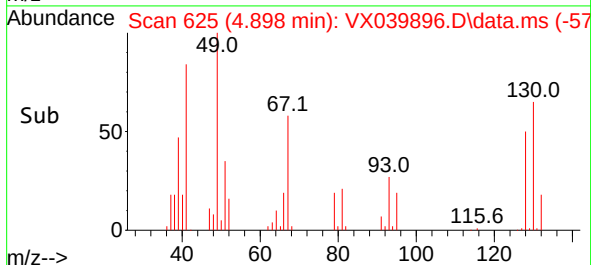
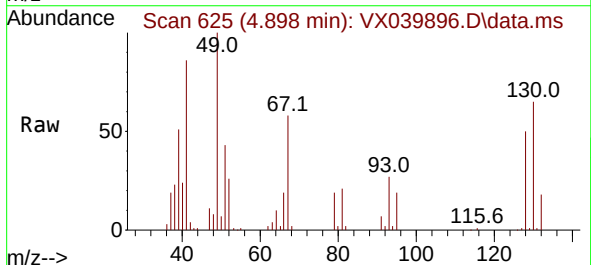
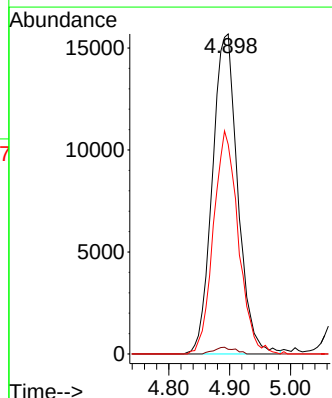
Tgt Ion: 49 Resp: 45510

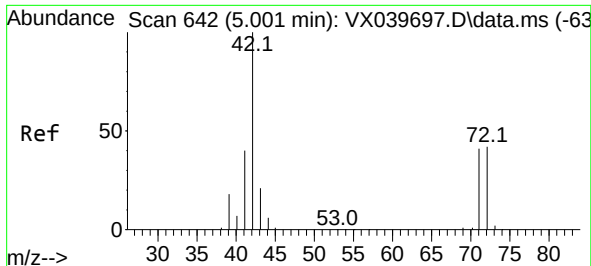
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

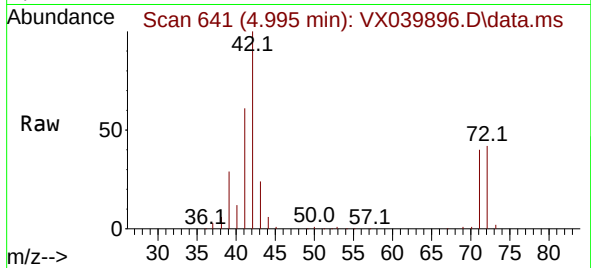
130 68.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 210.278 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

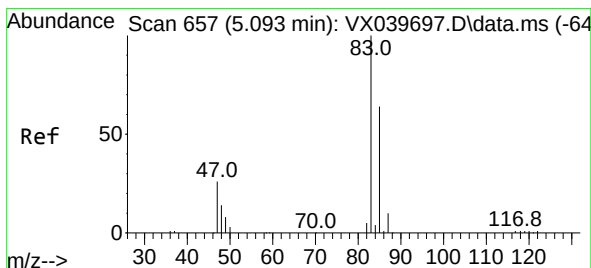
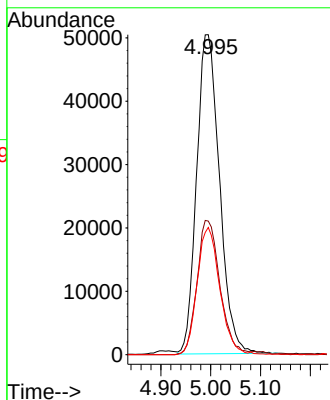
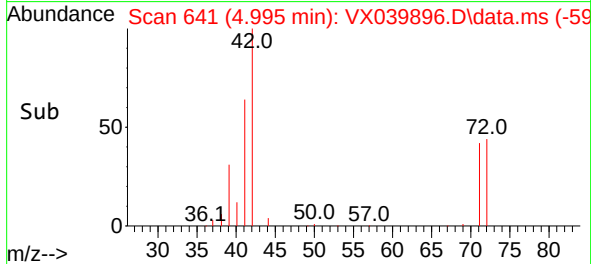
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 160679
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.4
71 39.6 32.2 48.2

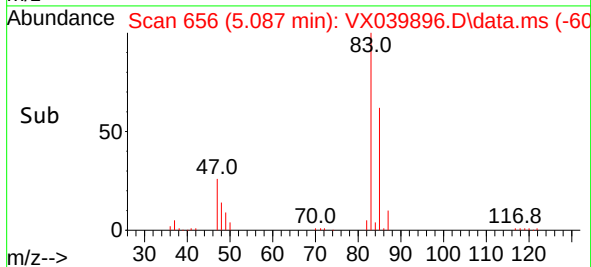
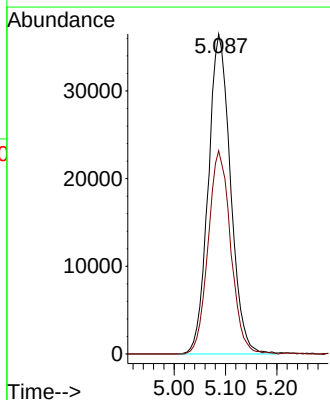
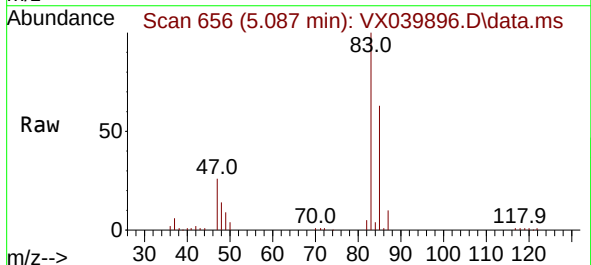
Manual Integrations
APPROVED

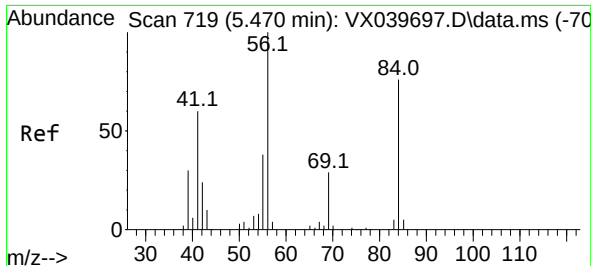
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#30
Chloroform
Concen: 50.985 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

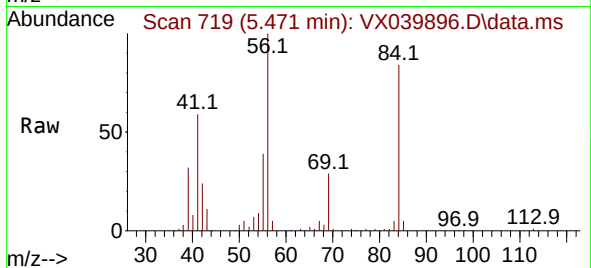
Tgt Ion: 83 Resp: 109765
Ion Ratio Lower Upper
83 100
85 63.5 50.3 75.5





#31
Cyclohexane
Concen: 45.357 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

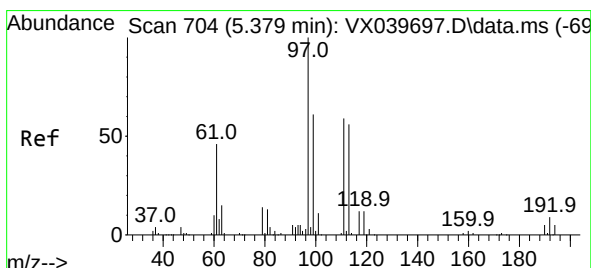
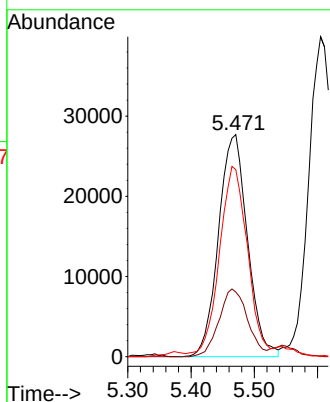
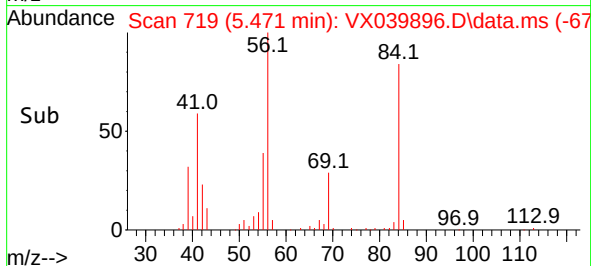
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8793
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 82.3 65.9 98.9

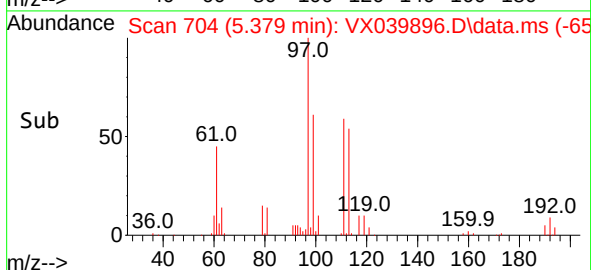
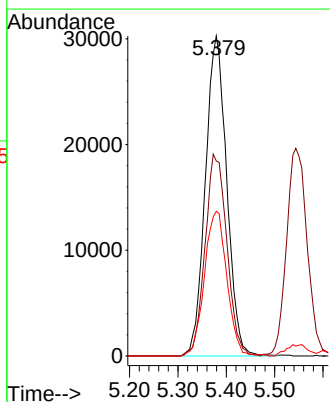
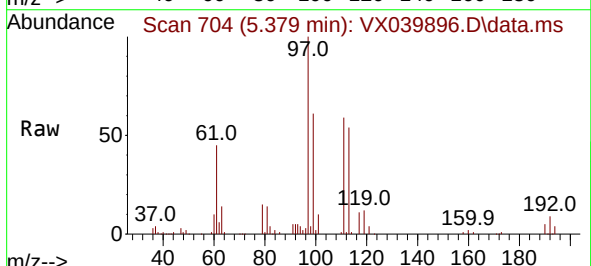
Manual Integrations
APPROVED

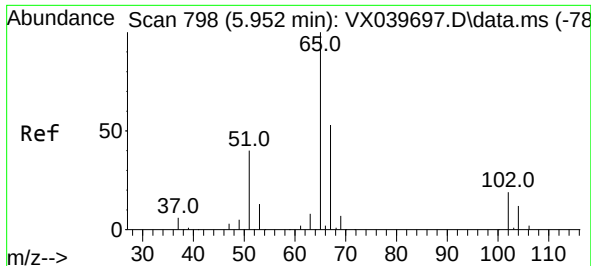
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#32
1,1,1-Trichloroethane
Concen: 50.399 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 97 Resp: 92890
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.390 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 65200

Ion Ratio Lower Upper

65 100

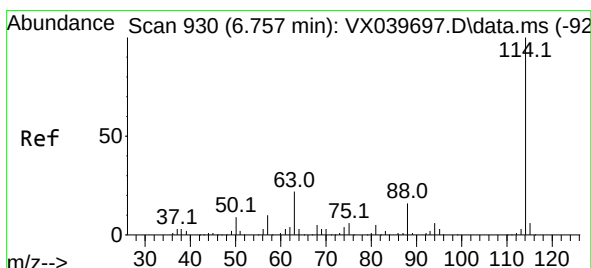
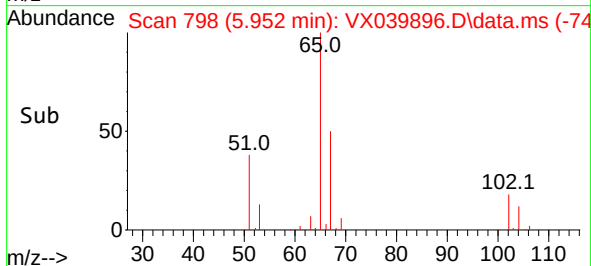
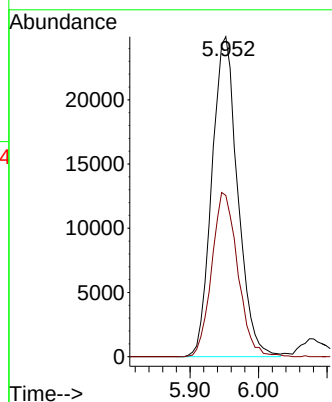
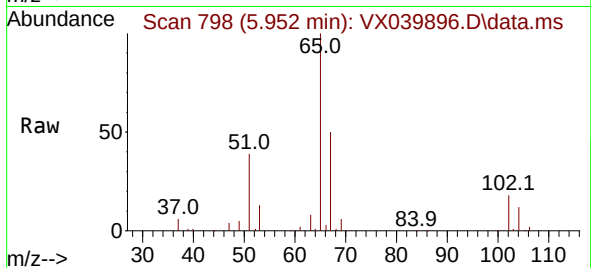
67 51.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

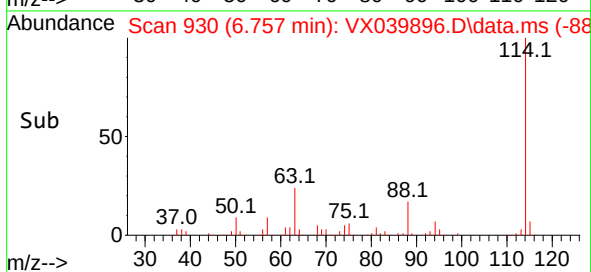
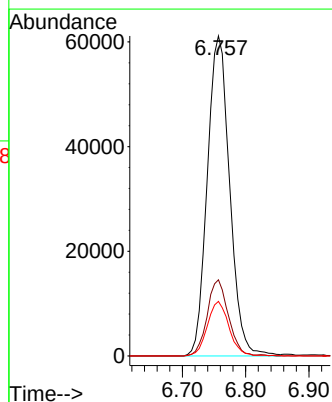
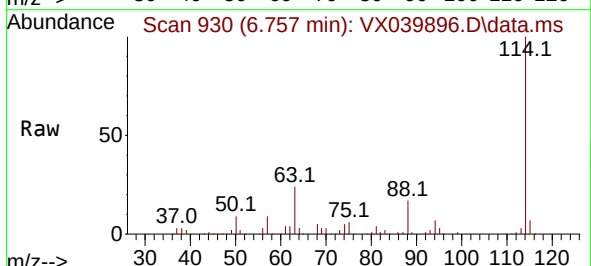
Tgt Ion:114 Resp: 150259

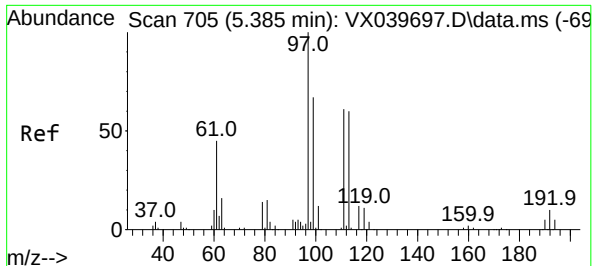
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.365 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 4894

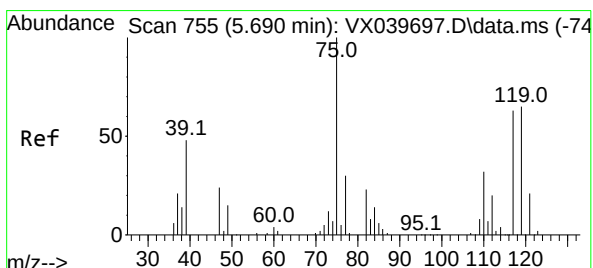
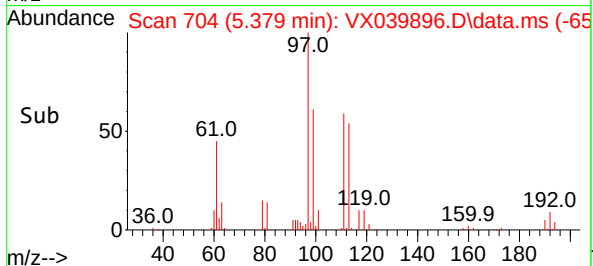
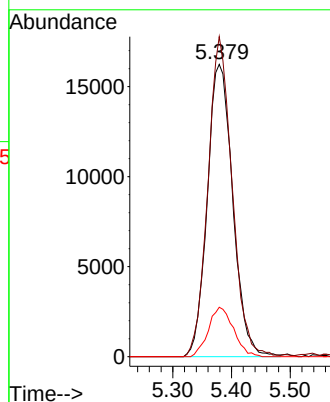
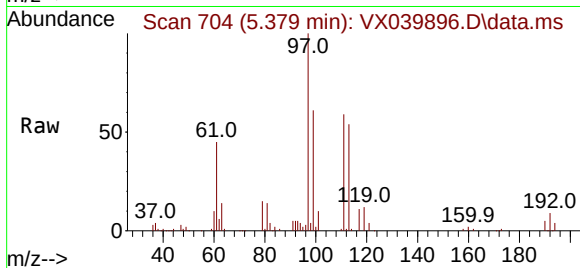
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	16.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#36

1,1-Dichloropropene

Concen: 49.052 ug/l

RT: 5.690 min Scan# 755

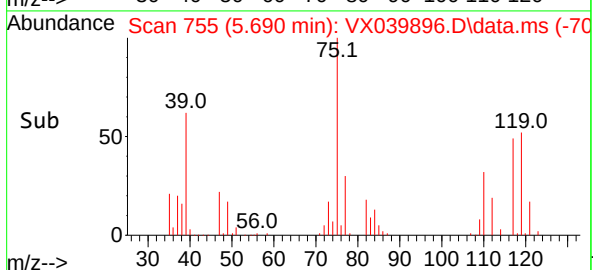
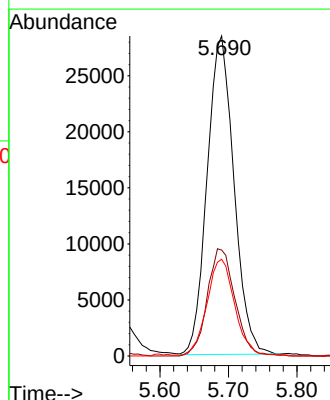
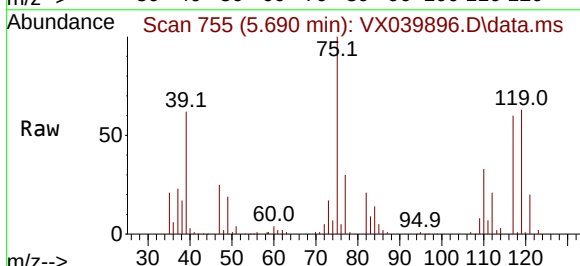
Delta R.T. 0.000 min

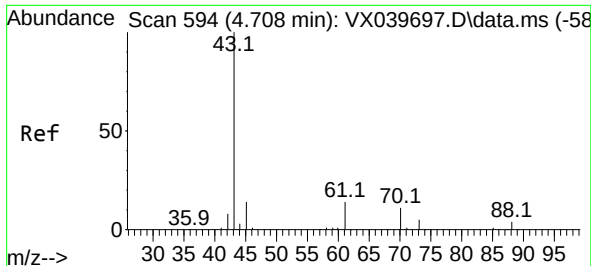
Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Tgt Ion: 75 Resp: 77272

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.0	50.9
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 45.044 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 94664

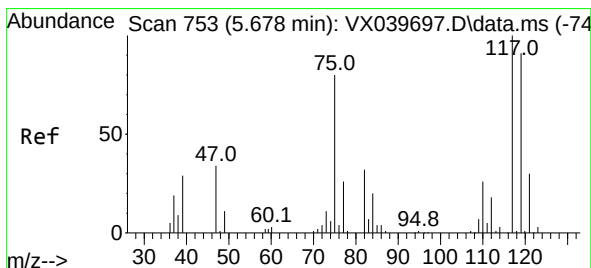
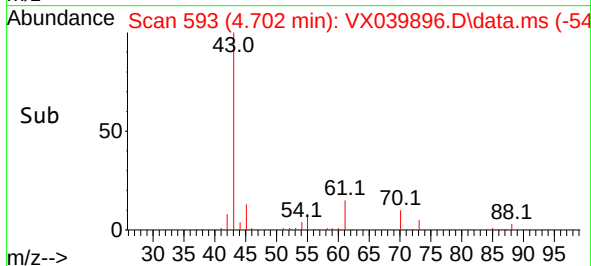
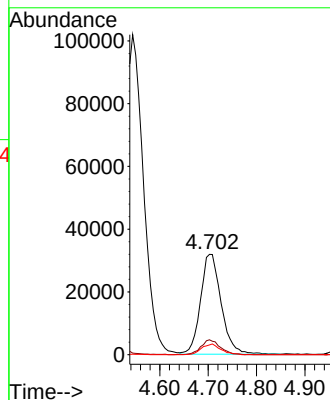
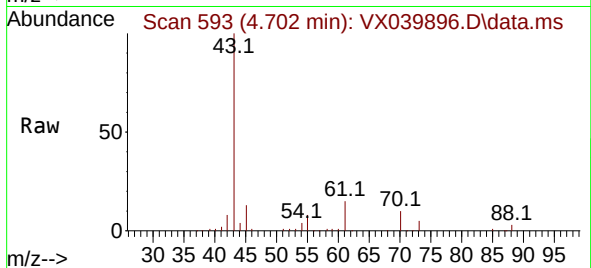
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	9.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Carbon Tetrachloride

Concen: 53.143 ug/l

RT: 5.672 min Scan# 752

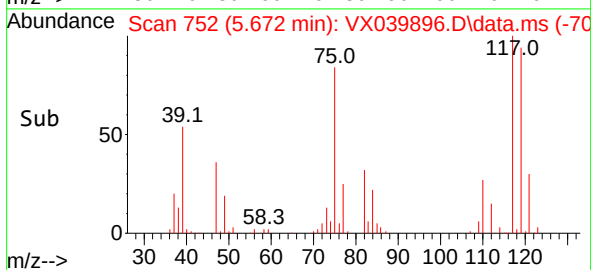
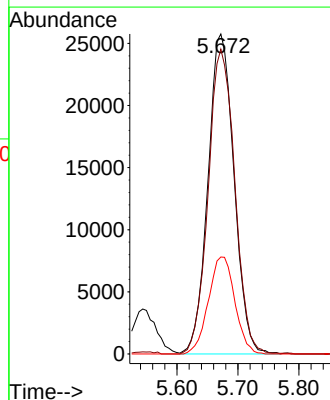
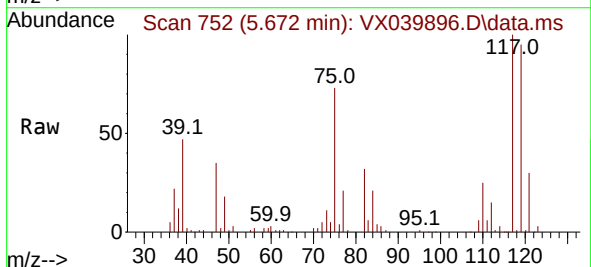
Delta R.T. -0.006 min

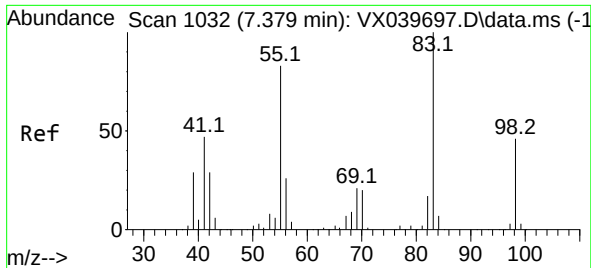
Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Tgt Ion: 117 Resp: 76675

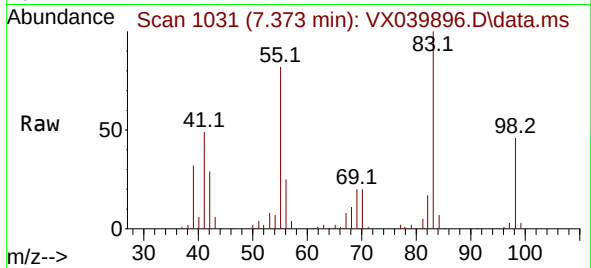
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.2	117.2
121	30.3	24.4	36.6





#39
Methylcyclohexane
Concen: 49.688 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

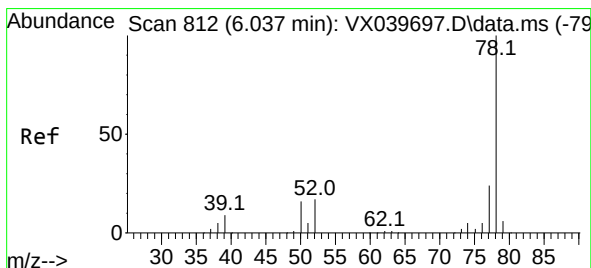
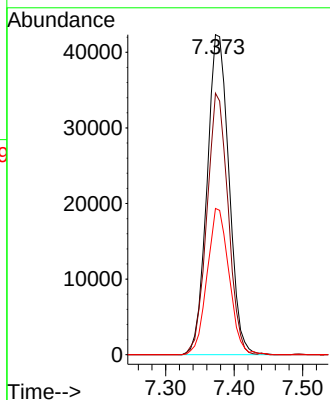
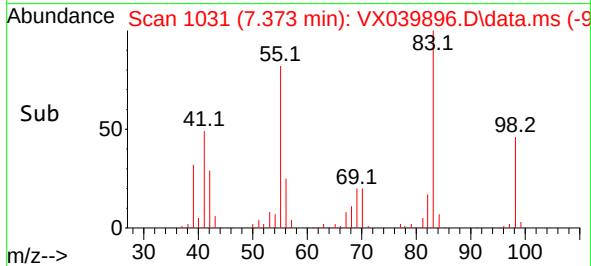
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



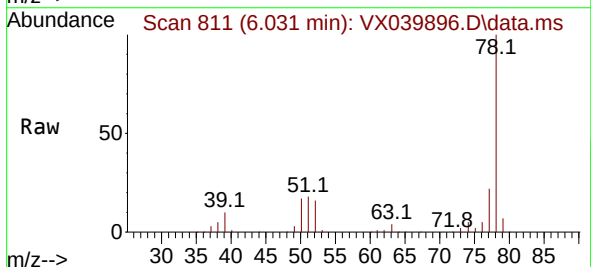
Tgt Ion: 83 Resp: 9399
Ion Ratio Lower Upper
83 100
55 81.7 64.6 97.0
98 45.7 36.7 55.1

Manual Integrations
APPROVED

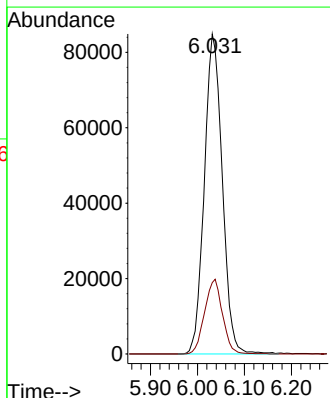
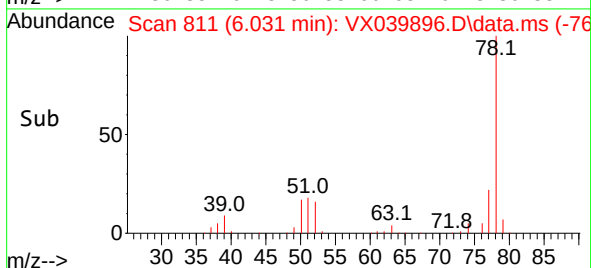
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

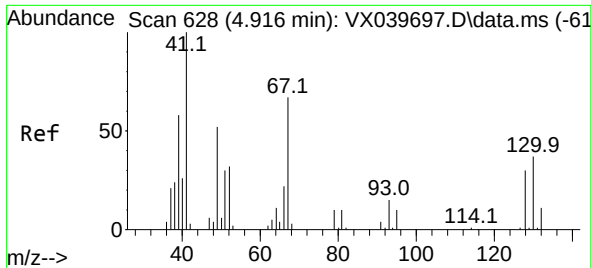


#40
Benzene
Concen: 50.420 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15



Tgt Ion: 78 Resp: 224908
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9





#41
Methacrylonitrile
Concen: 47.888 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

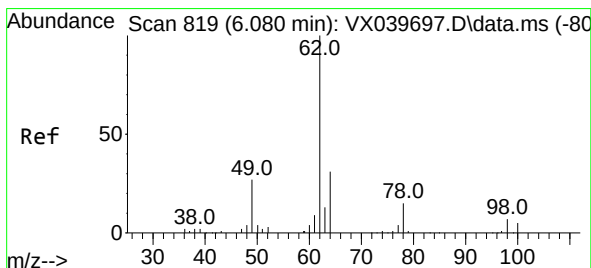
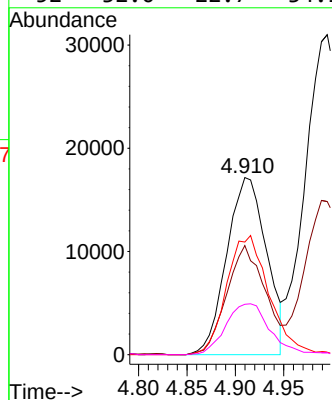
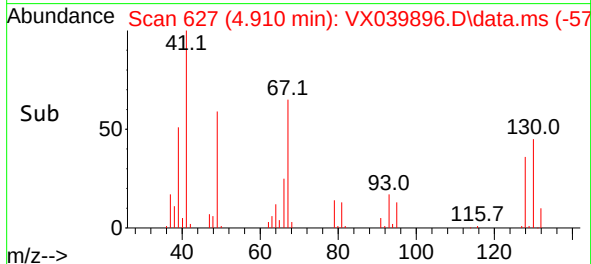
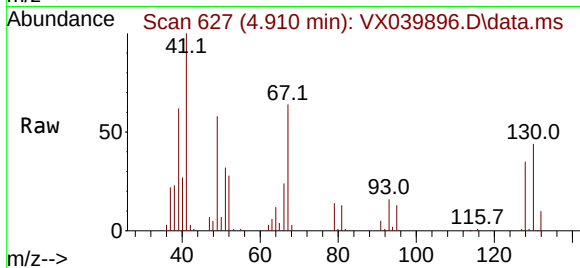
Tgt Ion: 41 Resp: 49214
Ion Ratio Lower Upper
41 100
39 59.2 45.2 67.8
67 71.8 52.6 78.8
52 32.0 22.7 34.1

Manual Integrations

APPROVED

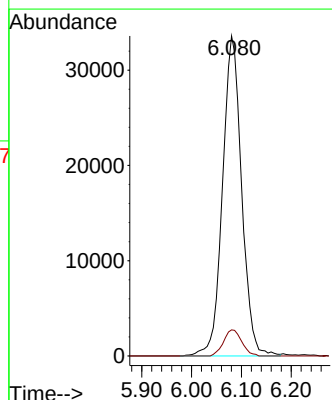
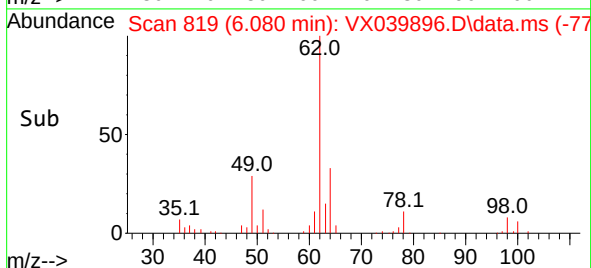
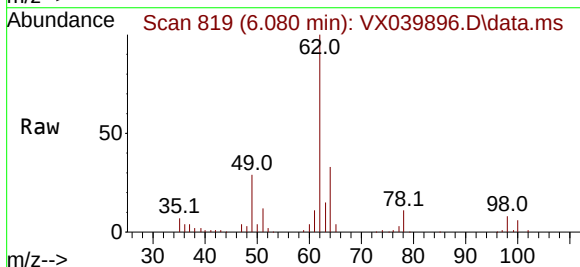
Reviewed By :John Carlone 01/24/2024

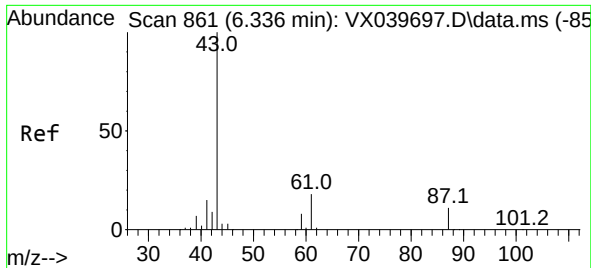
Supervised By :Mahesh Dadoda 01/24/2024



#42
1,2-Dichloroethane
Concen: 52.766 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 62 Resp: 89486
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.568 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 14973

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

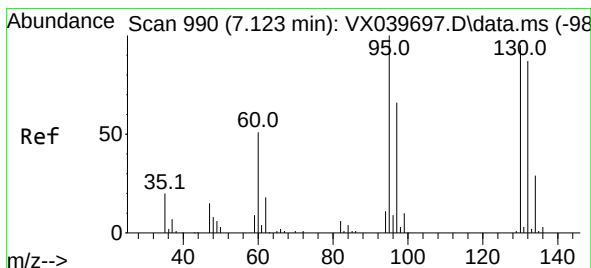
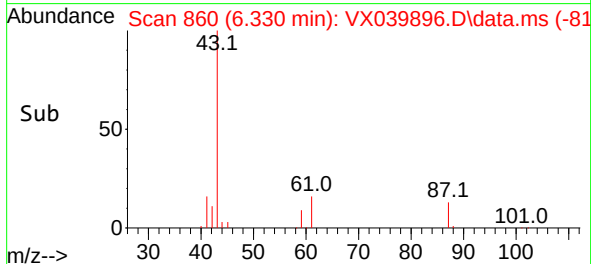
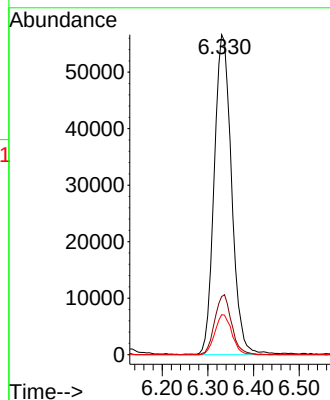
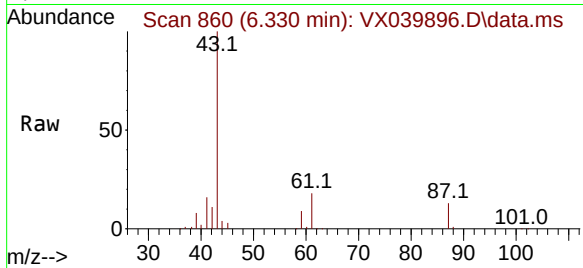
87 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#44

Trichloroethene

Concen: 51.839 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX039896.D

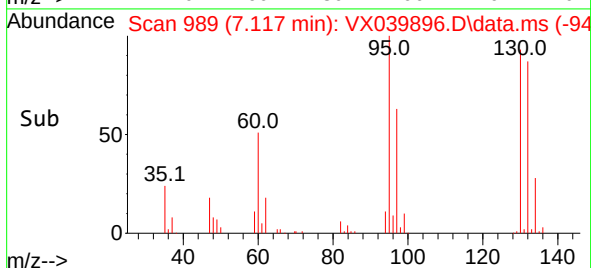
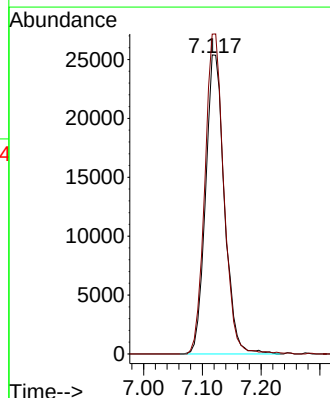
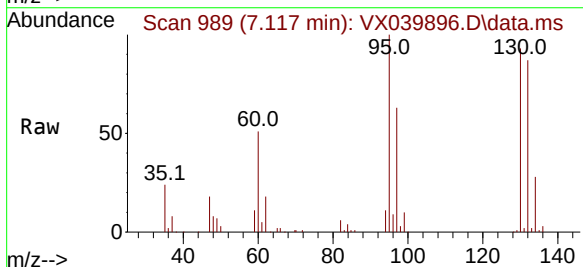
Acq: 23 Jan 2024 09:15

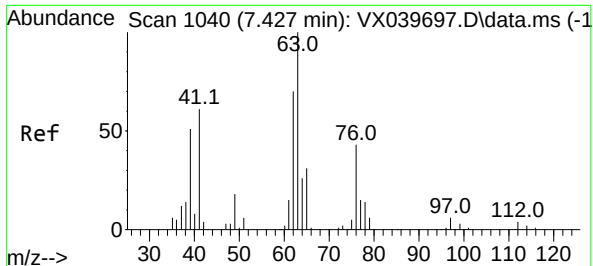
Tgt Ion:130 Resp: 56672

Ion Ratio Lower Upper

130 100

95 107.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.533 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6166

Ion Ratio Lower Upper

63 100

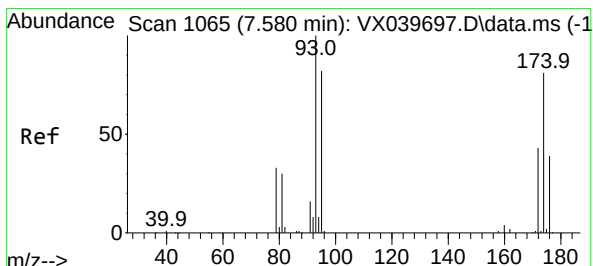
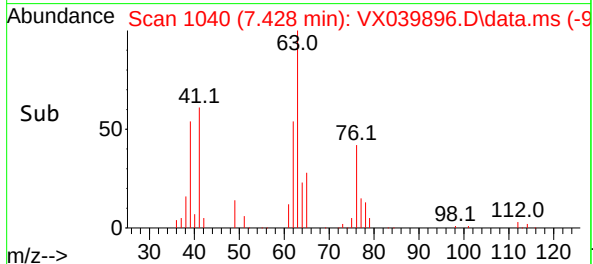
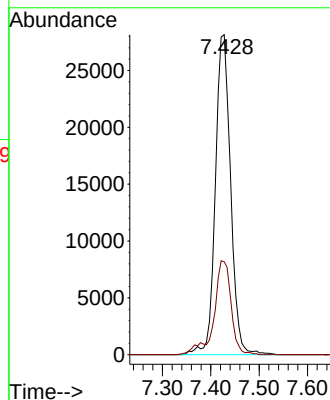
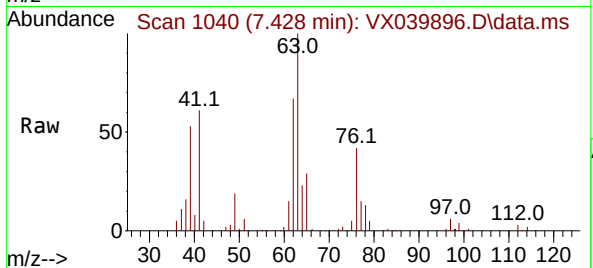
65 29.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

Dibromomethane

Concen: 52.991 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

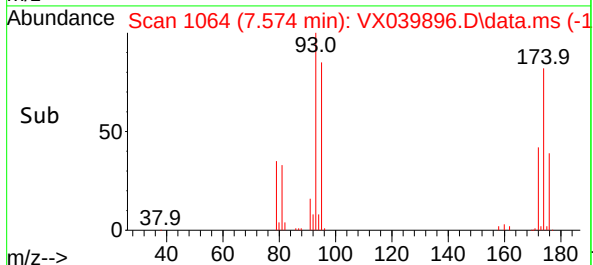
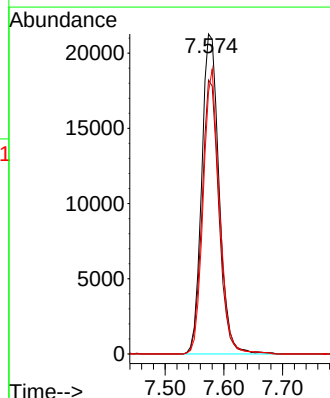
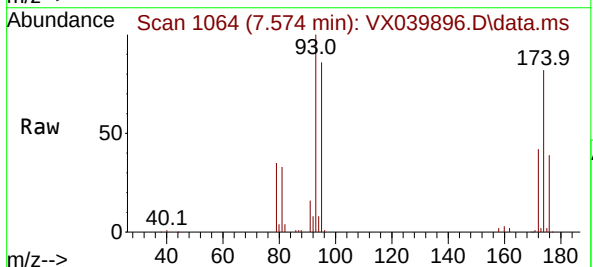
Tgt Ion: 93 Resp: 43797

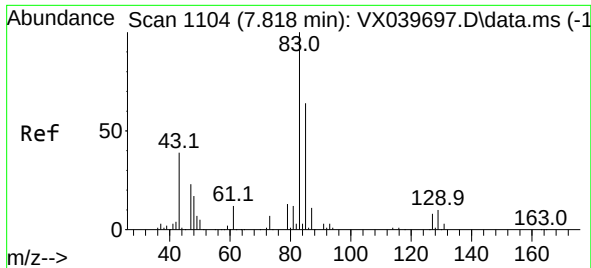
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

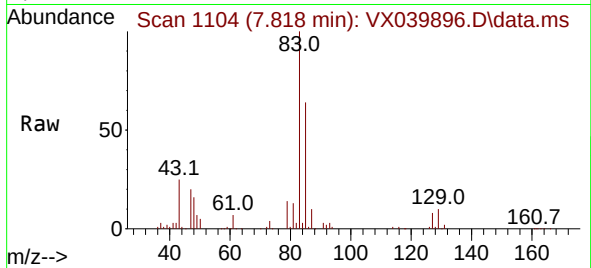
174 83.1 69.4 104.0





#47
Bromodichloromethane
Concen: 56.200 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

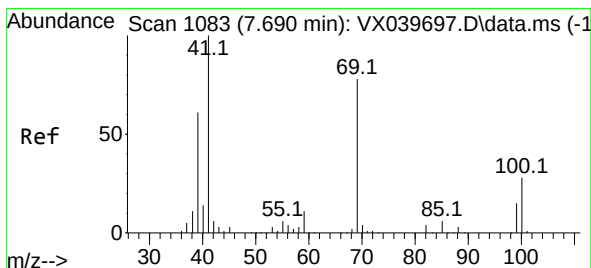
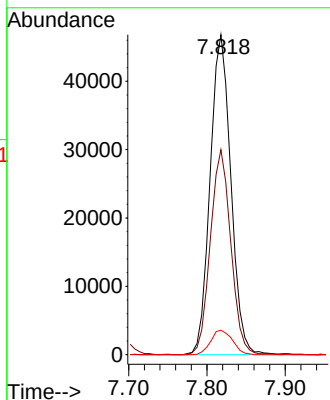
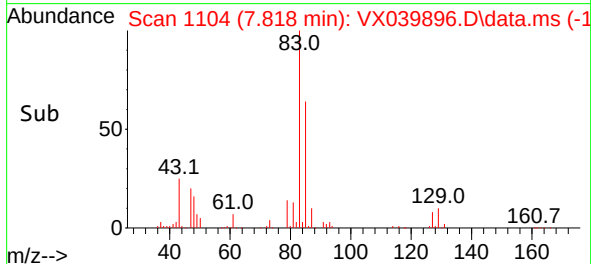
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 8602
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 7.7 7.1 10.7

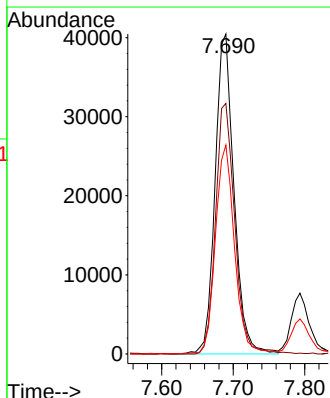
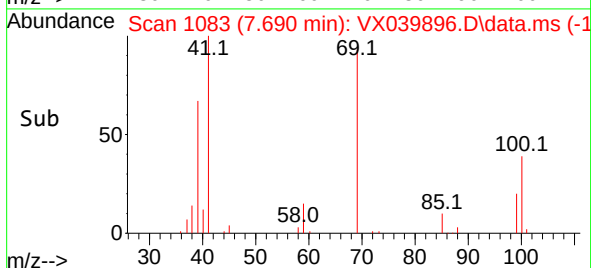
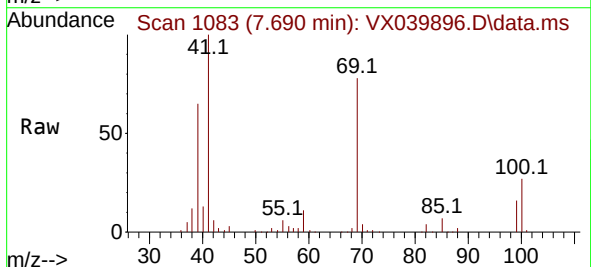
Manual Integrations
APPROVED

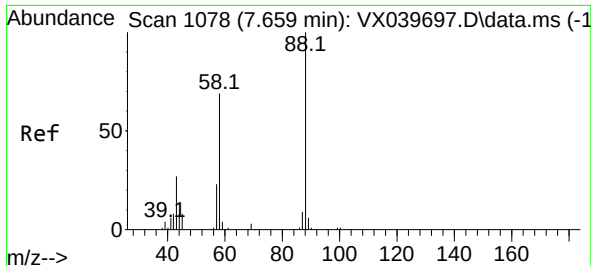
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Methyl methacrylate
Concen: 49.063 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

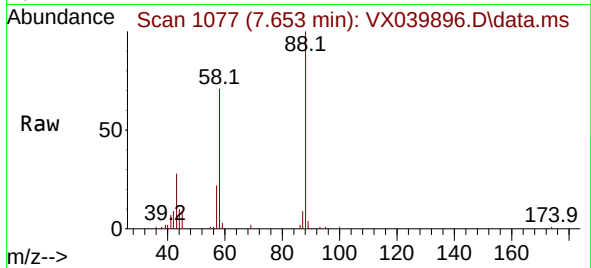
Tgt Ion: 41 Resp: 74348
Ion Ratio Lower Upper
41 100
69 79.3 59.2 88.8
39 66.1 47.7 71.5





#49
1,4-Dioxane
Concen: 815.911 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

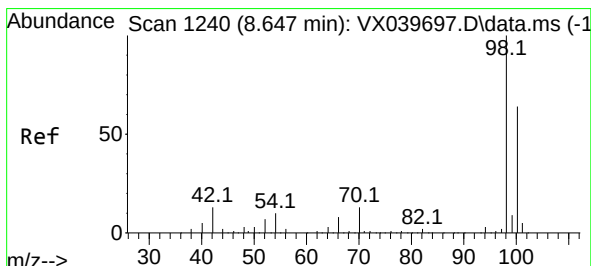
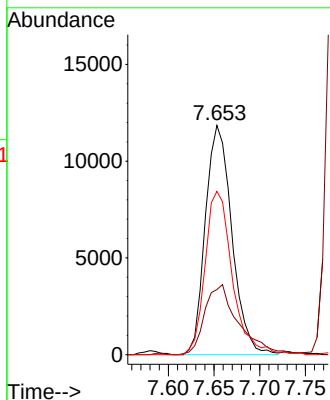
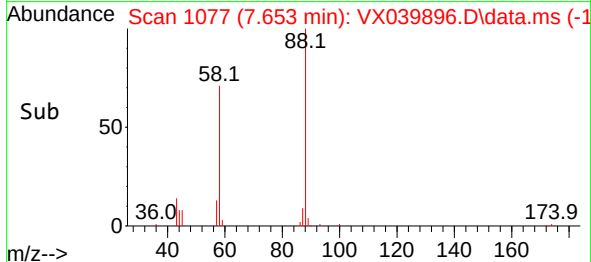
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 23924
Ion Ratio Lower Upper
88 100
43 39.0 0.0 0.0
58 73.1 60.1 90.1

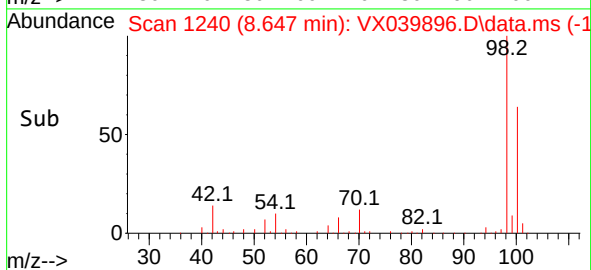
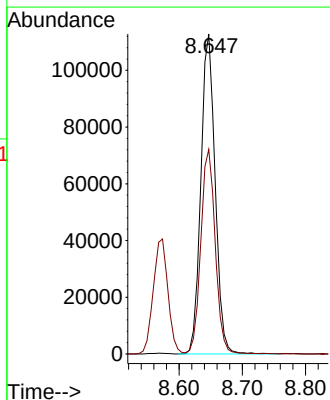
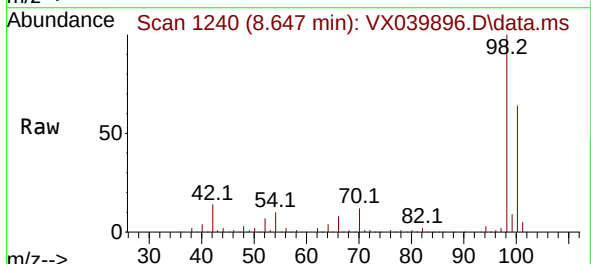
Manual Integrations
APPROVED

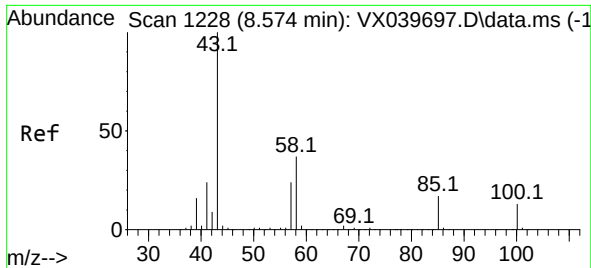
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#50
Toluene-d8
Concen: 46.449 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 98 Resp: 177298
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





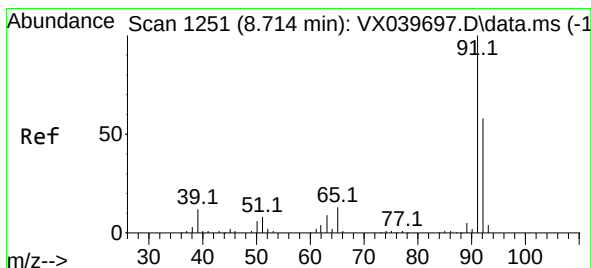
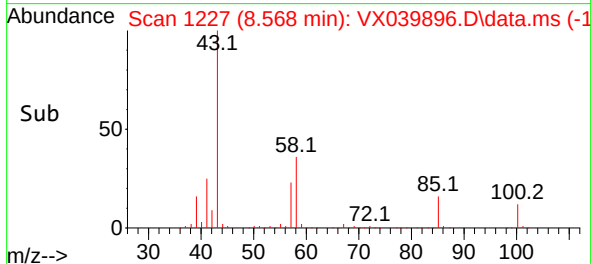
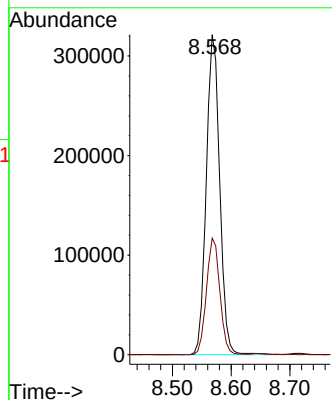
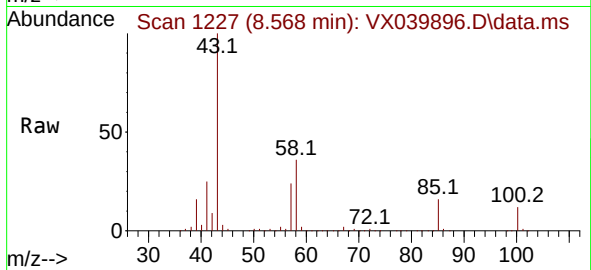
#51
4-Methyl-2-Pentanone
Concen: 240.136 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 509869
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6

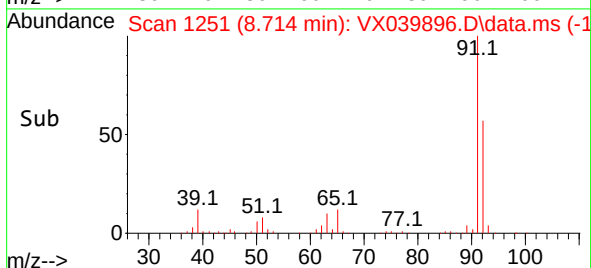
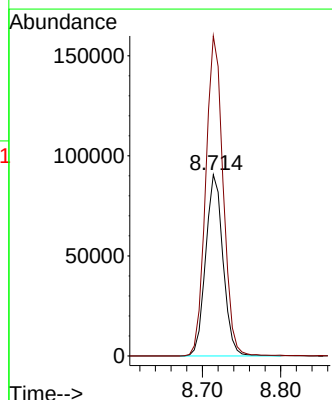
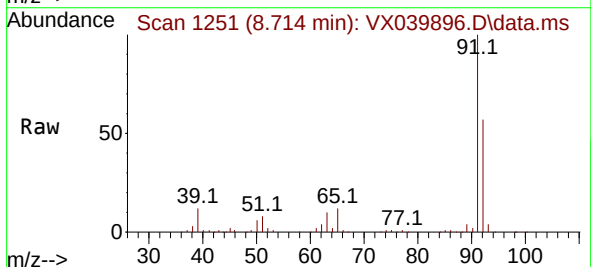
Manual Integrations
APPROVED

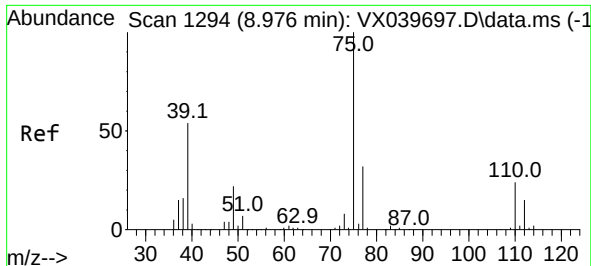
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Toluene
Concen: 52.265 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 92 Resp: 139253
Ion Ratio Lower Upper
92 100
91 177.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 55.497 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9014

Ion Ratio Lower Upper

75 100

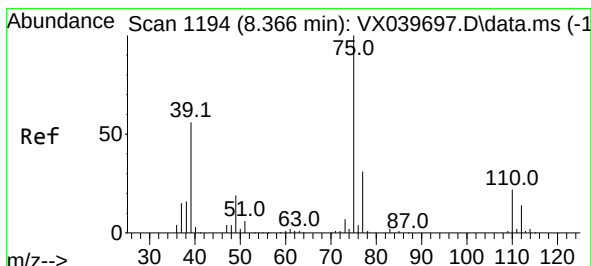
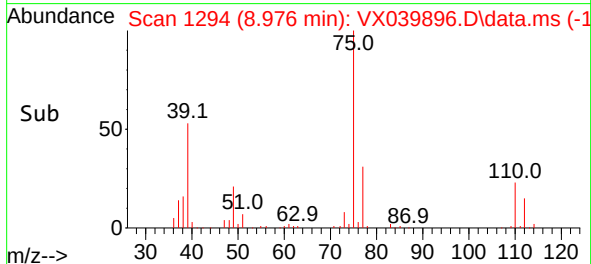
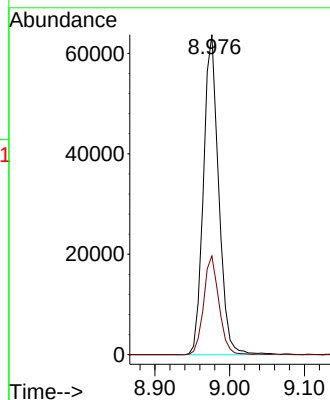
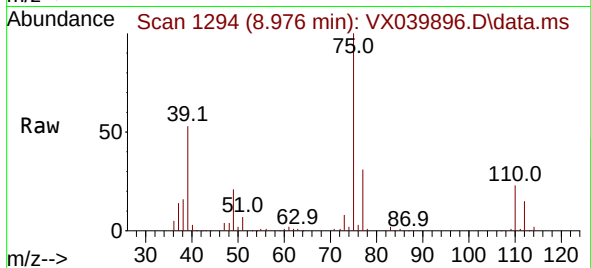
77 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#54

cis-1,3-Dichloropropene

Concen: 52.969 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

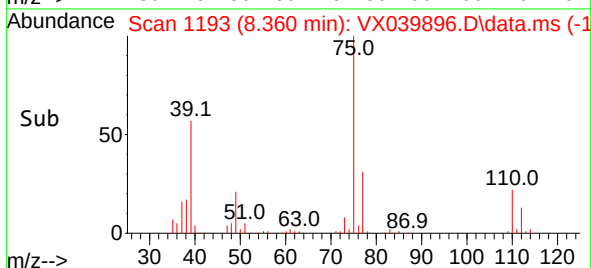
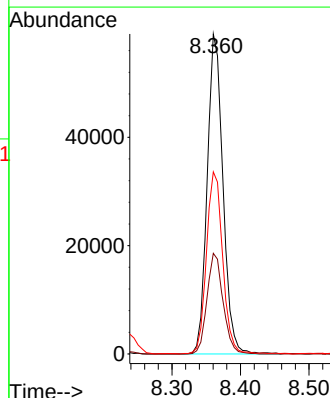
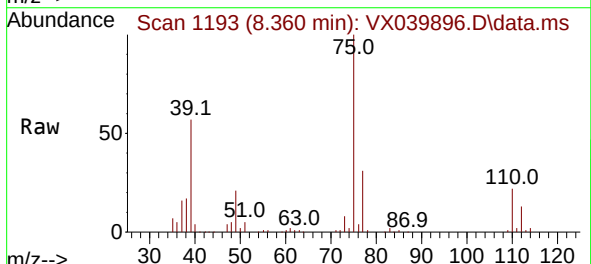
Tgt Ion: 75 Resp: 94605

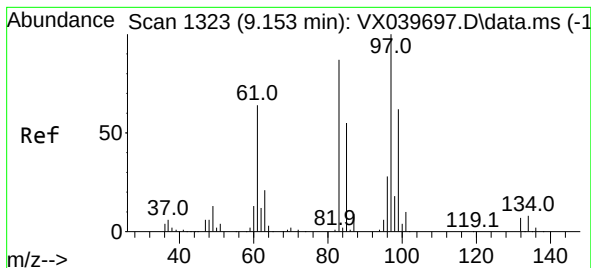
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 56.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 52.398 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 59438

Ion Ratio Lower Upper

97 100

83 89.5 65.8 98.8

85 58.8 41.6 62.4

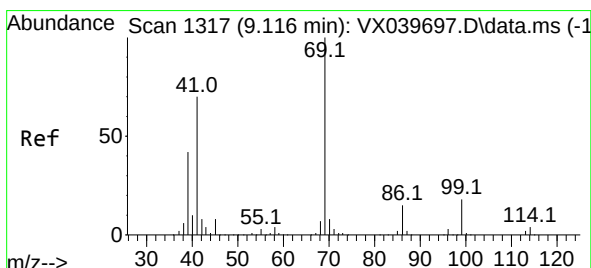
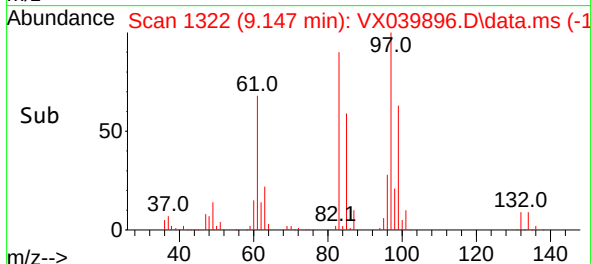
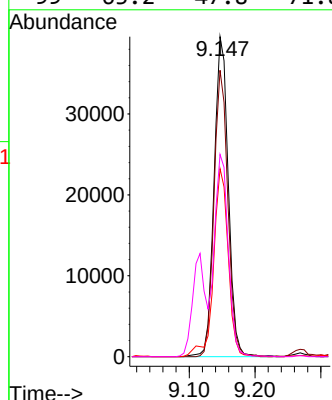
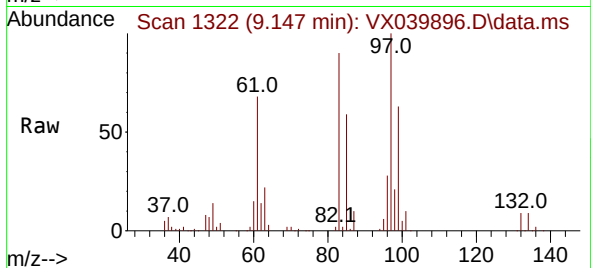
99 63.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#56

Ethyl methacrylate

Concen: 51.802 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

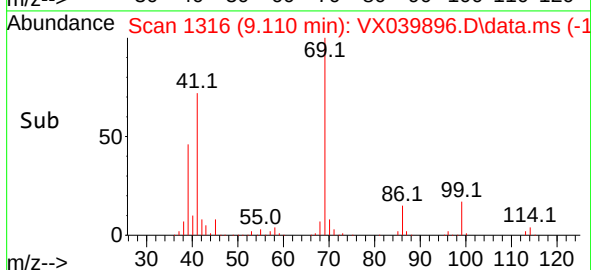
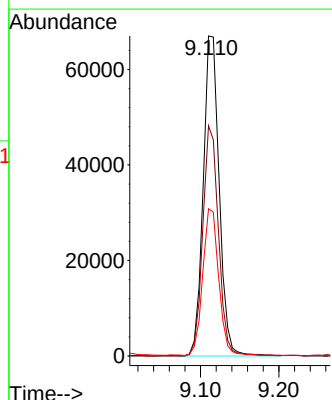
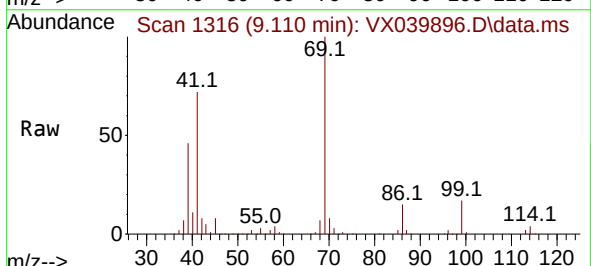
Tgt Ion: 69 Resp: 95105

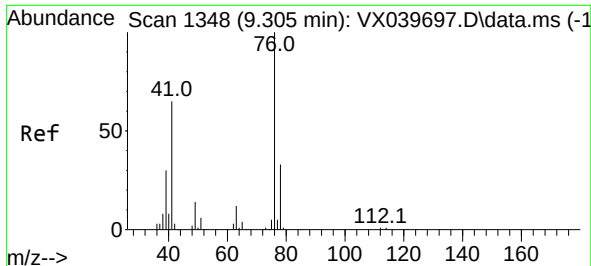
Ion Ratio Lower Upper

69 100

41 70.8 56.8 85.2

39 45.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.947 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9986

Ion Ratio Lower Upper

76 100

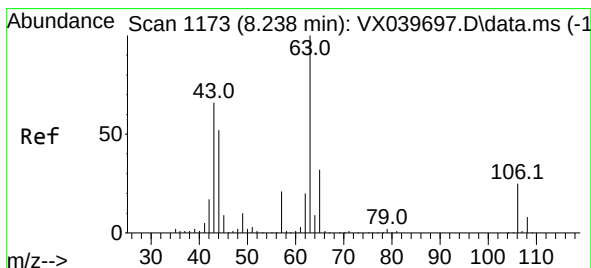
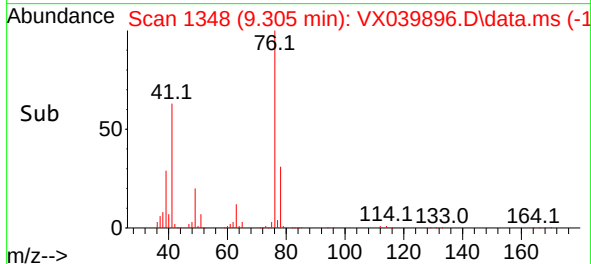
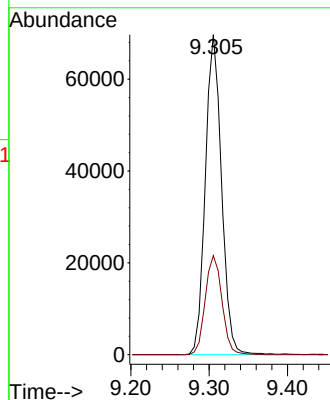
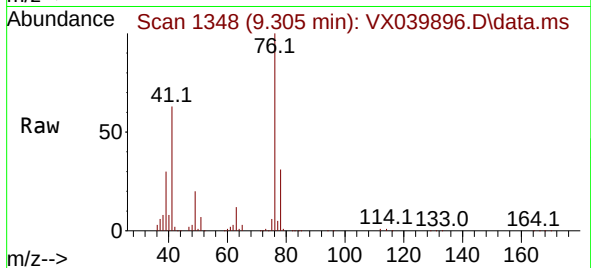
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 237.583 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039896.D

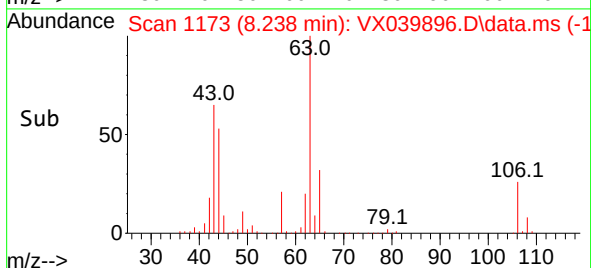
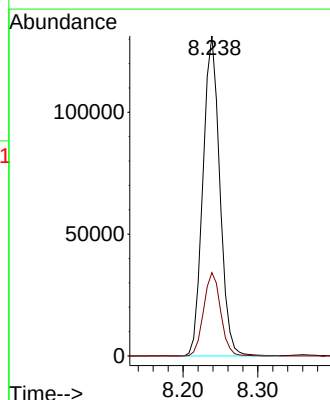
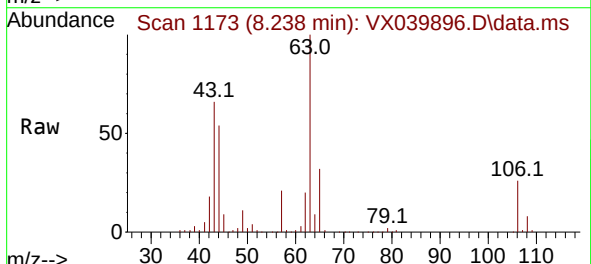
Acq: 23 Jan 2024 09:15

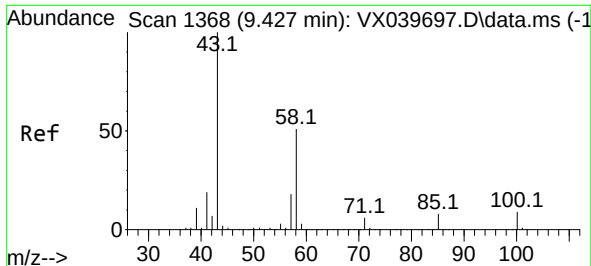
Tgt Ion: 63 Resp: 206175

Ion Ratio Lower Upper

63 100

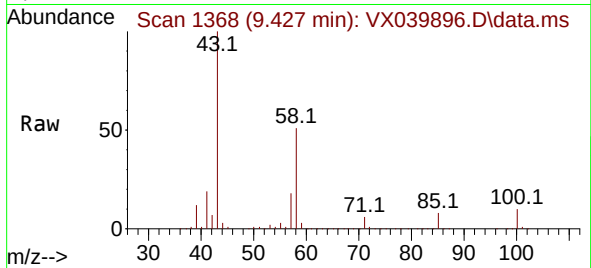
106 26.2 22.5 33.7





#59
2-Hexanone
Concen: 257.912 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

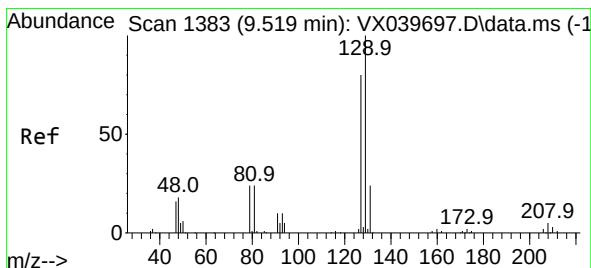
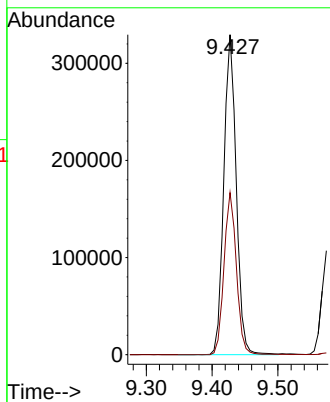
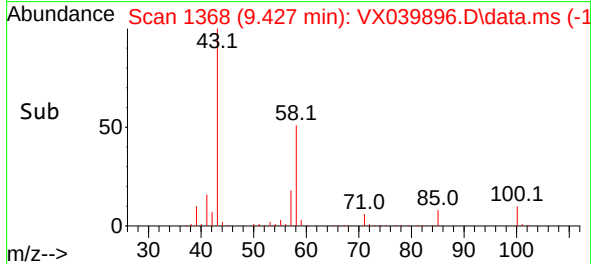
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 43340
Ion Ratio Lower Upper
43 100
58 50.6 26.2 78.5

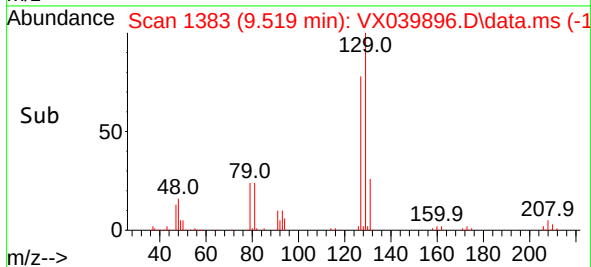
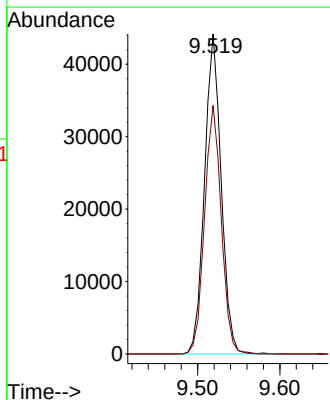
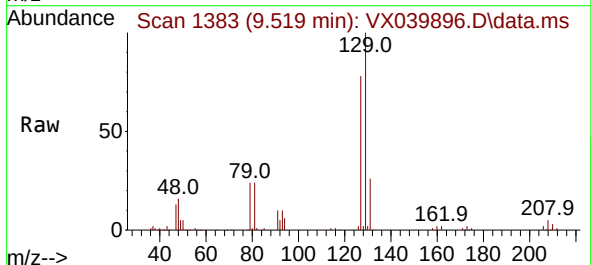
Manual Integrations
APPROVED

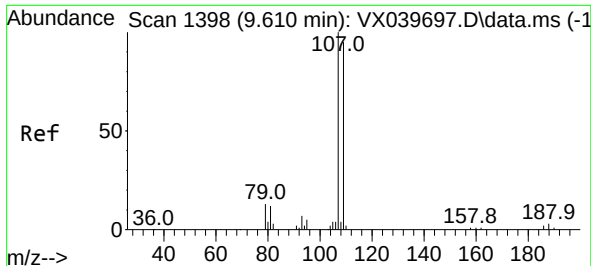
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#60
Dibromochloromethane
Concen: 58.097 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

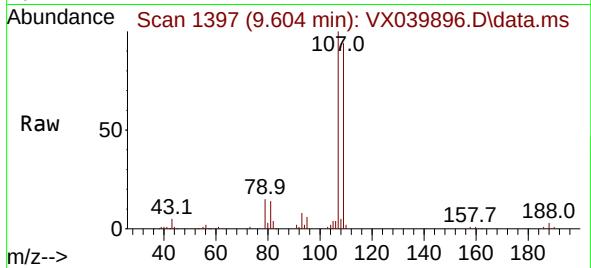
Tgt Ion:129 Resp: 62150
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.029 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

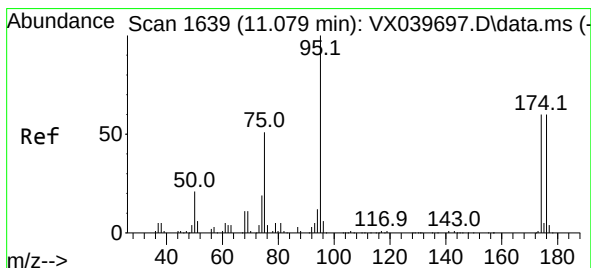
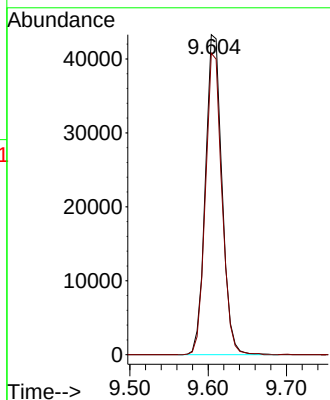
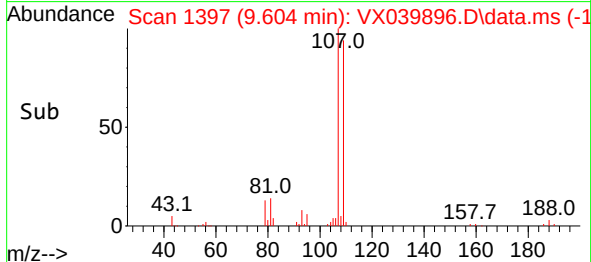
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 63468
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

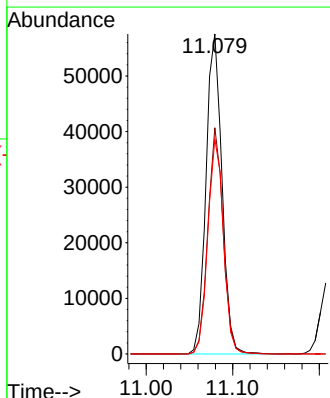
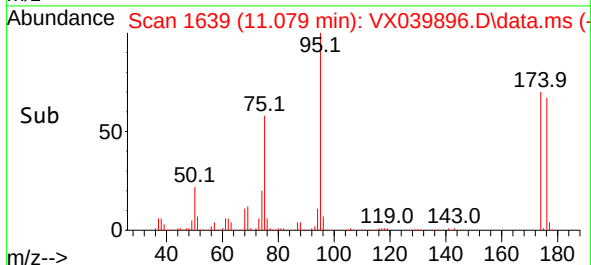
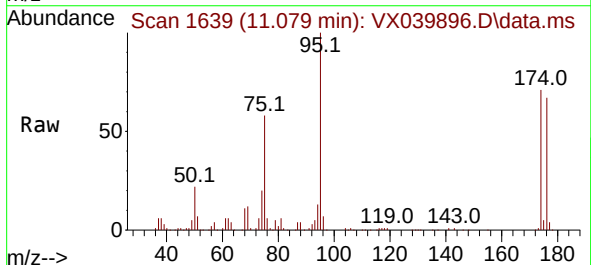
Manual Integrations
APPROVED

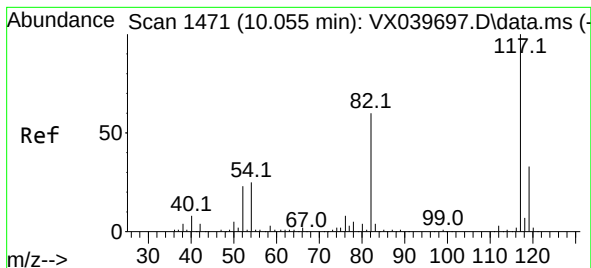
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

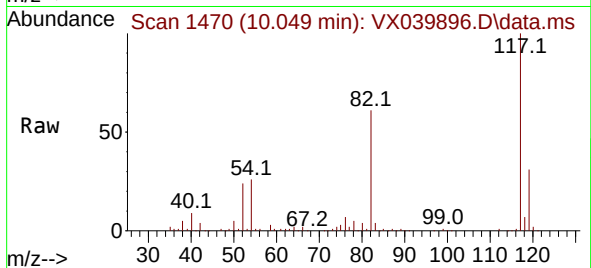
Tgt Ion: 95 Resp: 73092
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 66.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

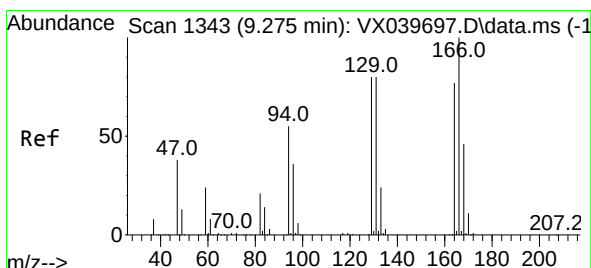
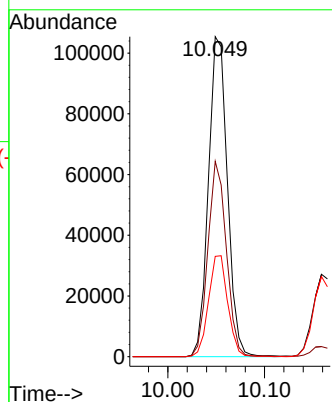
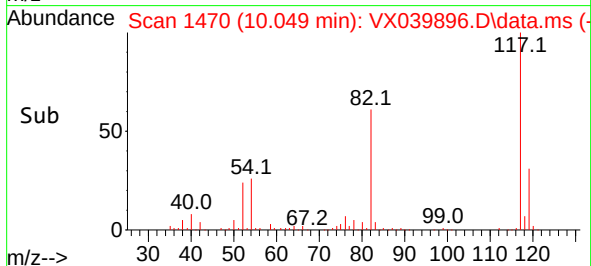
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



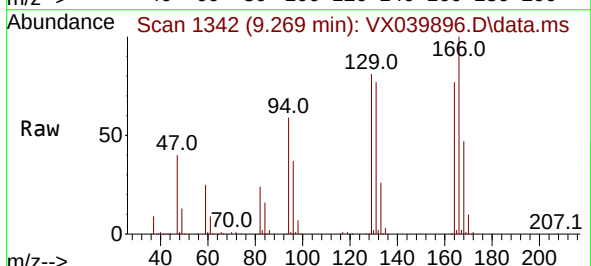
Tgt Ion:117 Resp: 14344
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 31.4 25.5 38.3

Manual Integrations
APPROVED

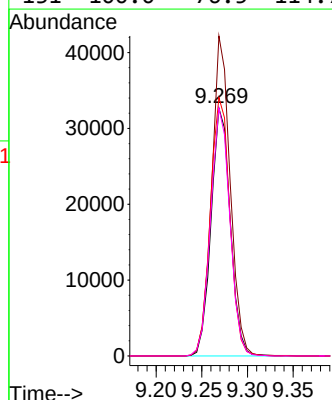
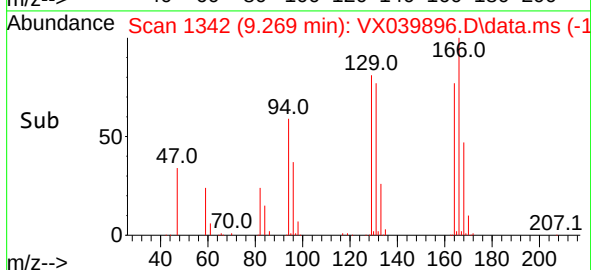
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

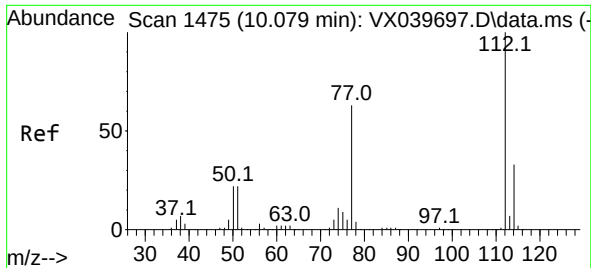


#64
Tetrachloroethene
Concen: 50.917 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15



Tgt Ion:164 Resp: 47495
Ion Ratio Lower Upper
164 100
166 129.1 102.7 154.1
129 104.2 80.4 120.6
131 100.0 76.5 114.7





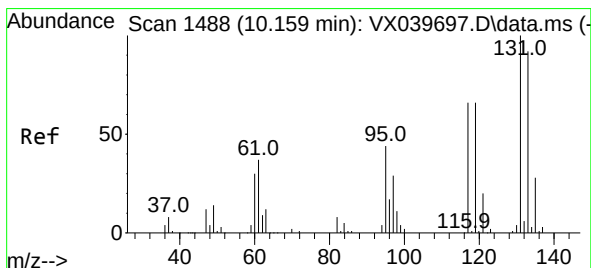
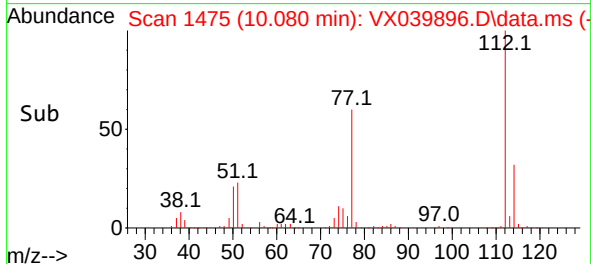
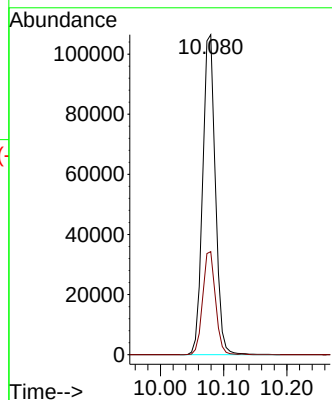
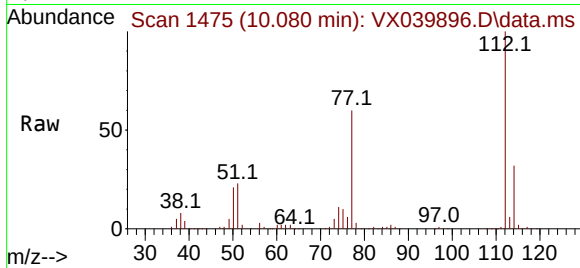
#65
Chlorobenzene
Concen: 49.925 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 14915
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

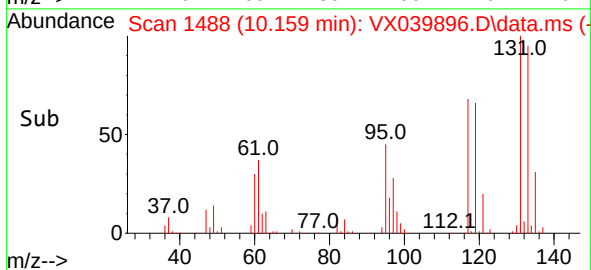
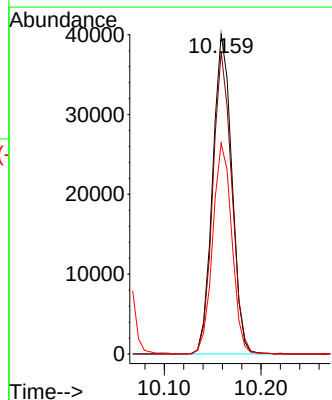
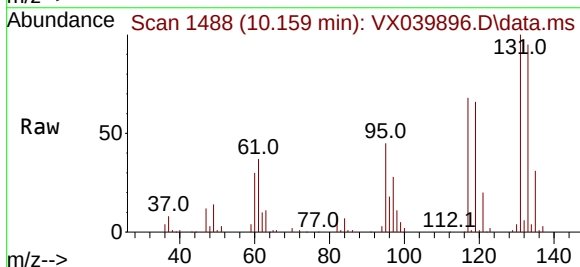
Manual Integrations
APPROVED

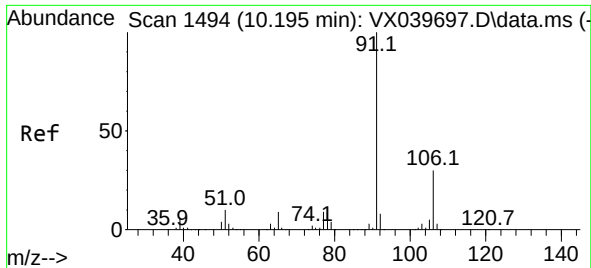
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.271 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion:131 Resp: 55209
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.4
119 65.6 32.2 96.6





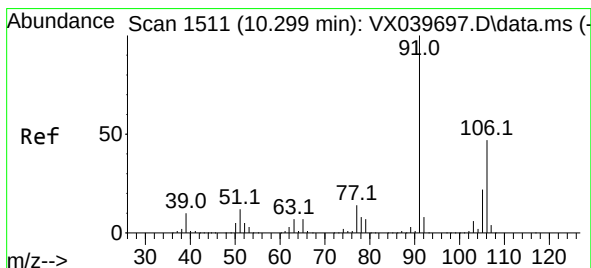
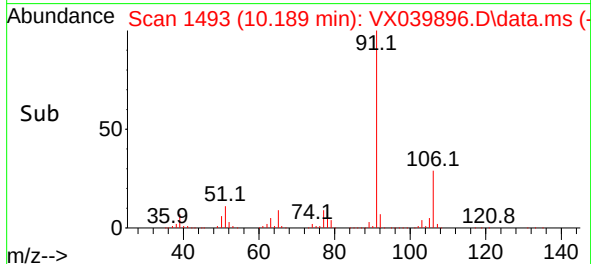
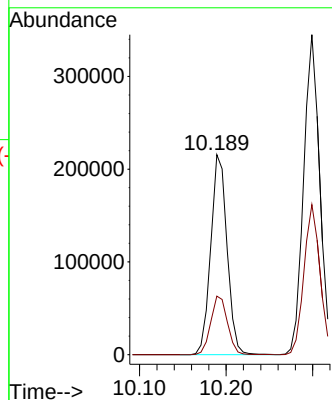
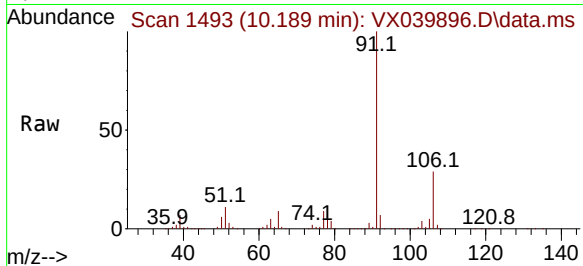
#67
Ethyl Benzene
Concen: 50.832 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28194
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

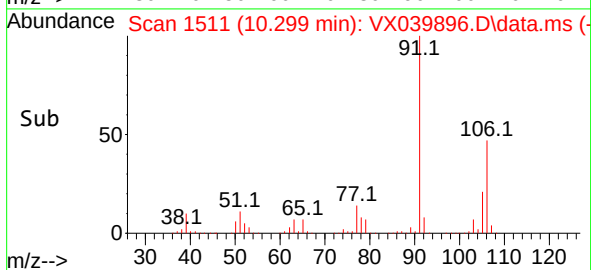
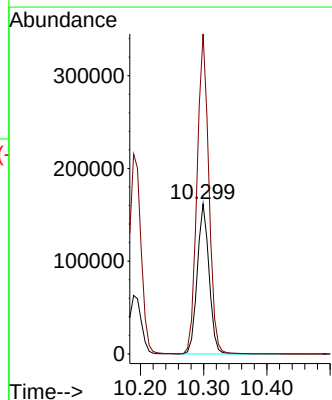
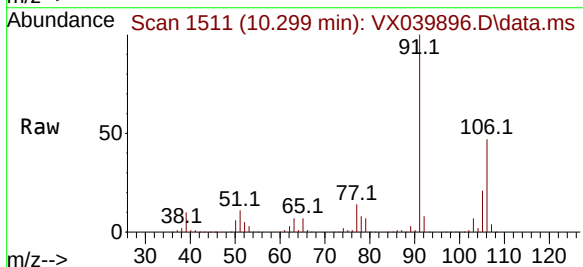
Manual Integrations
APPROVED

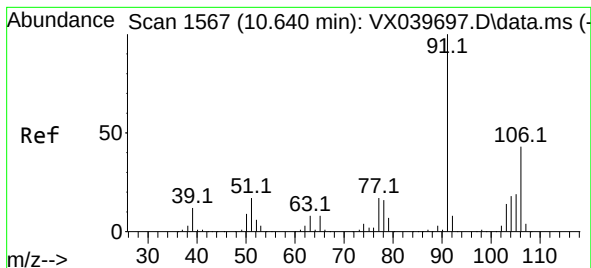
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#68
m/p-Xylenes
Concen: 102.992 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion:106 Resp: 210088
Ion Ratio Lower Upper
106 100
91 213.6 165.5 248.3





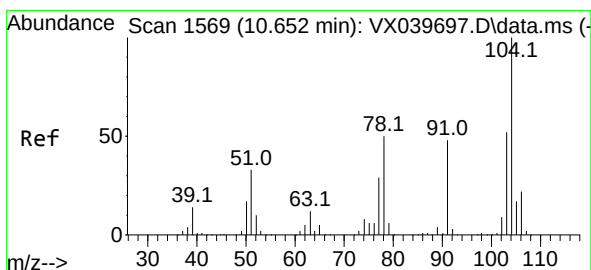
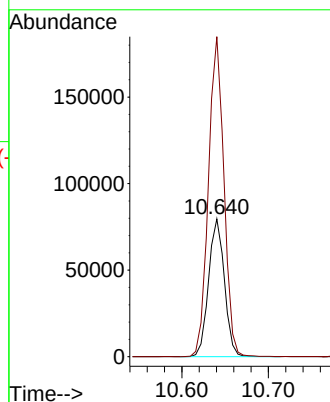
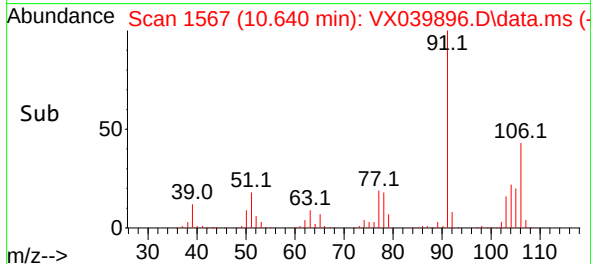
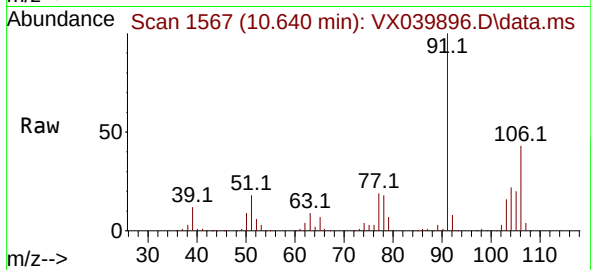
#69
o-Xylene
Concen: 49.894 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 100792
Ion Ratio Lower Upper
106 100
91 228.1 108.9 326.8

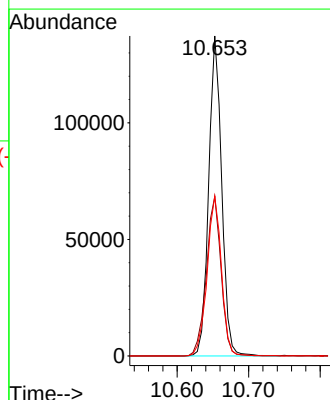
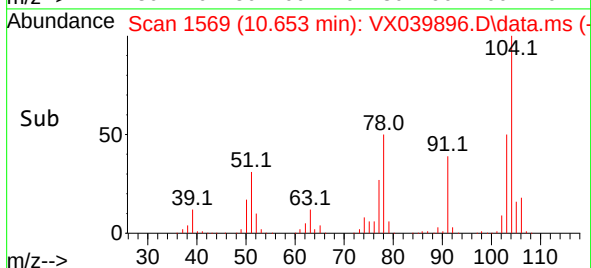
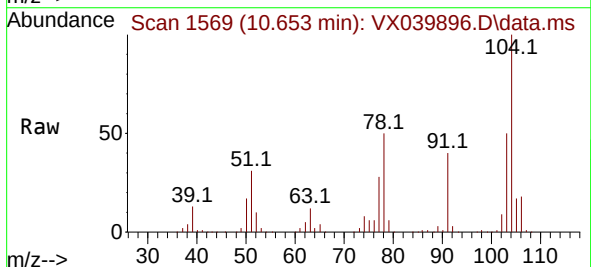
Manual Integrations
APPROVED

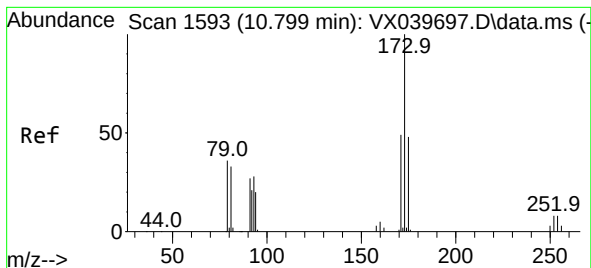
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#70
Styrene
Concen: 52.565 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

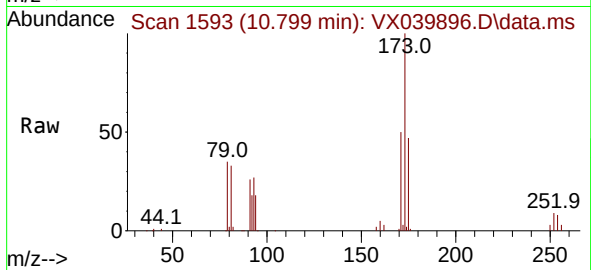
Tgt Ion:104 Resp: 173461
Ion Ratio Lower Upper
104 100
78 56.6 43.6 65.4
103 55.2 43.6 65.4





#71
Bromoform
Concen: 57.478 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

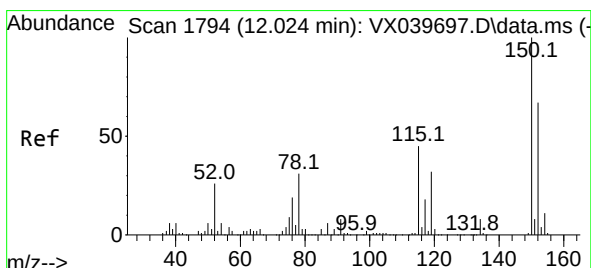
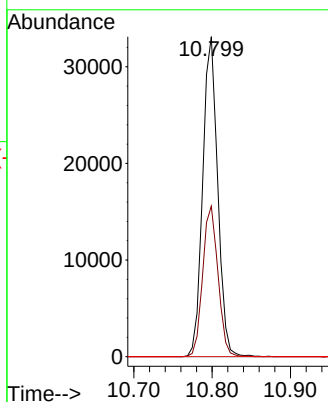
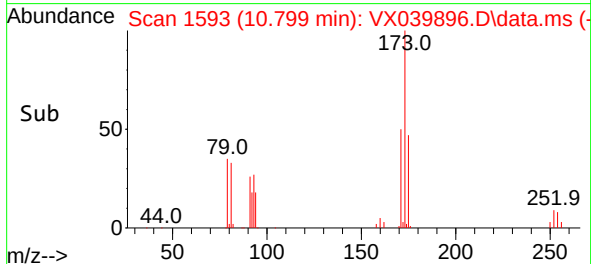
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4390
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

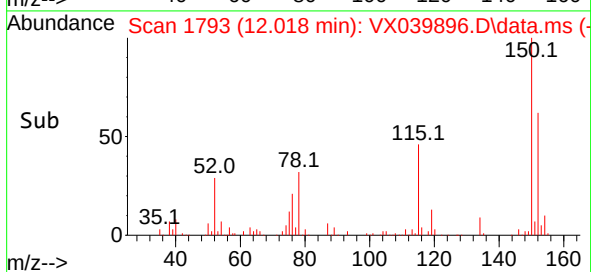
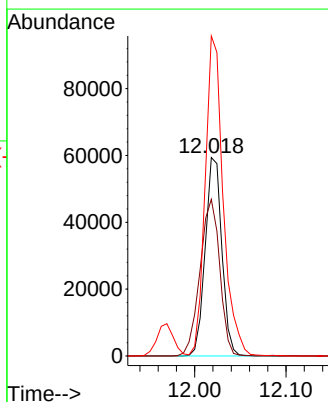
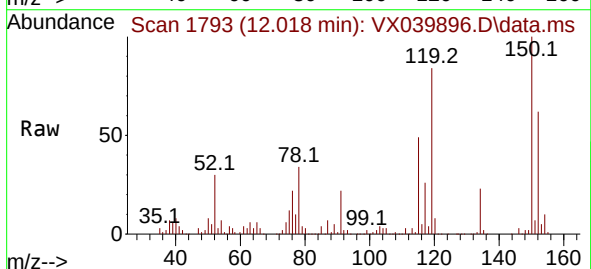
Manual Integrations
APPROVED

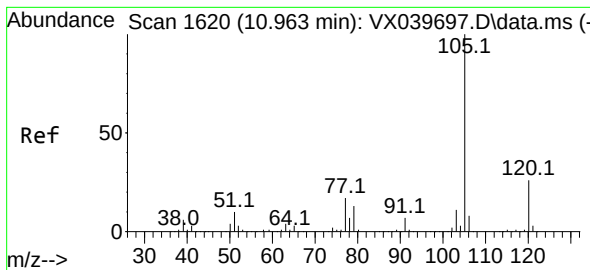
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion:152 Resp: 74899
Ion Ratio Lower Upper
152 100
115 93.6 43.3 129.9
150 173.6 0.0 345.0





#73

Isopropylbenzene

Concen: 46.795 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 279049

Ion Ratio Lower Upper

105 100

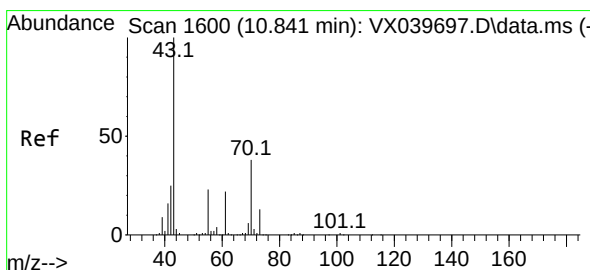
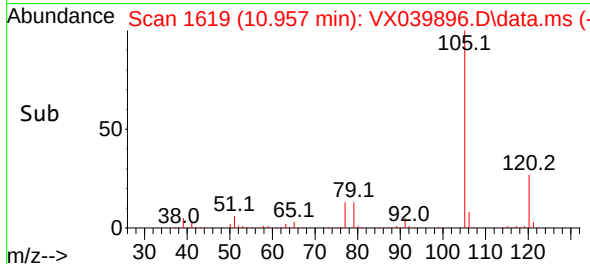
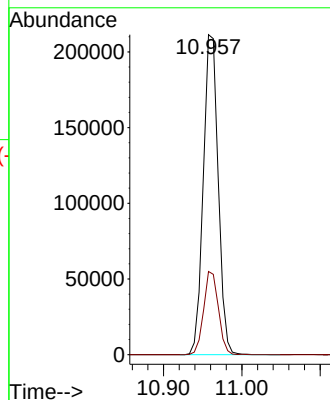
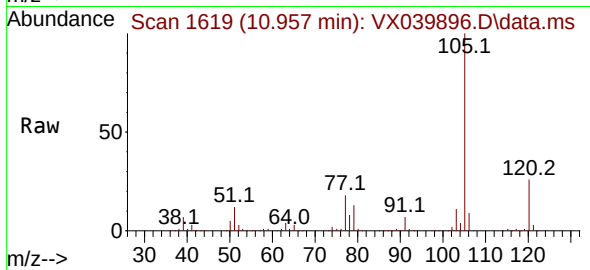
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#74

N-ethyl acetate

Concen: 46.273 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Tgt Ion: 43 Resp: 143831

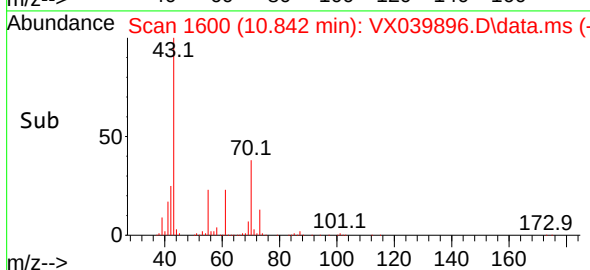
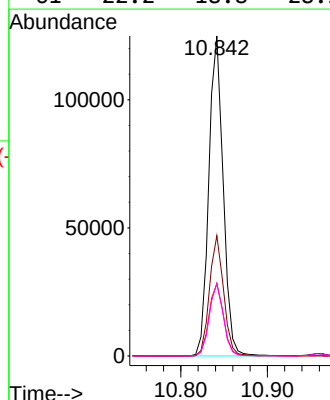
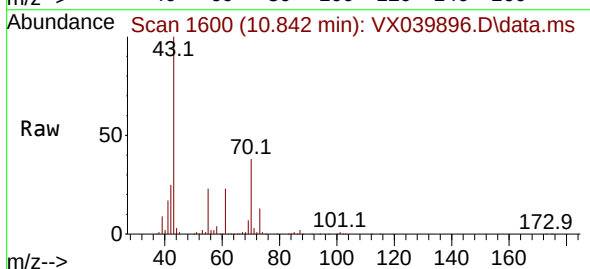
Ion Ratio Lower Upper

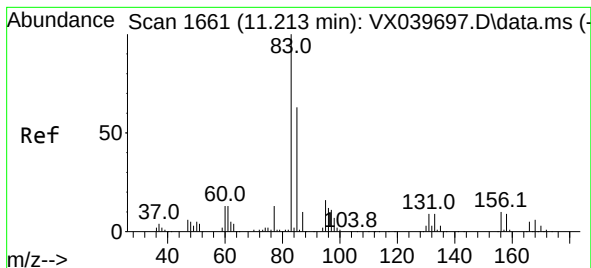
43 100

70 37.0 32.9 49.3

55 23.0 19.3 28.9

61 22.2 18.8 28.2





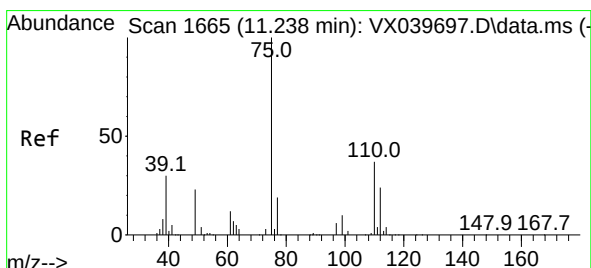
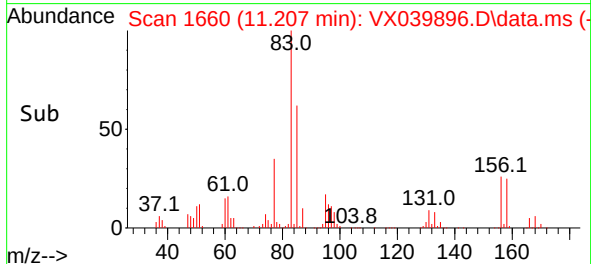
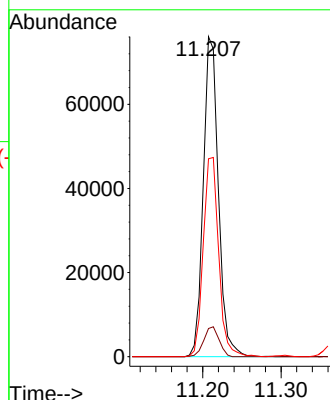
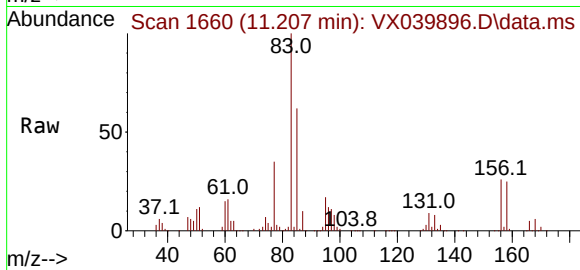
#75
1,1,2,2-Tetrachloroethane
Concen: 44.611 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10158
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 63.8 32.0 96.2

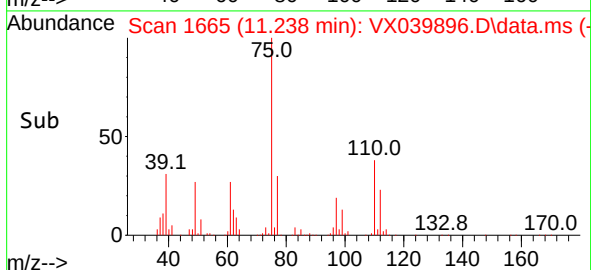
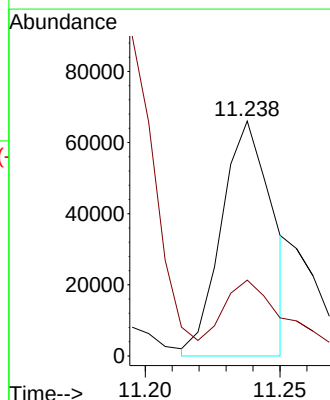
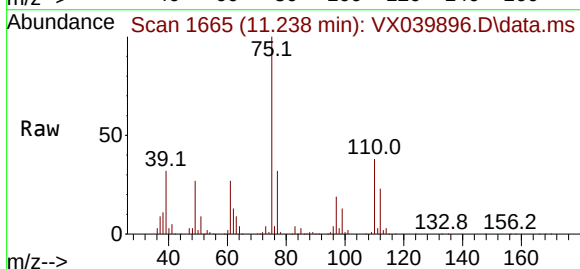
Manual Integrations
APPROVED

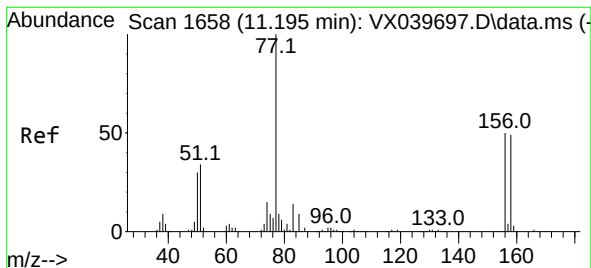
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#76
1,2,3-Trichloropropane
Concen: 44.420 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 75 Resp: 86256
Ion Ratio Lower Upper
75 100
77 41.4 19.1 57.5





#77

Bromobenzene

Concen: 46.914 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

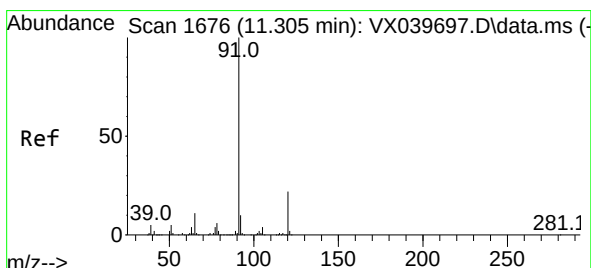
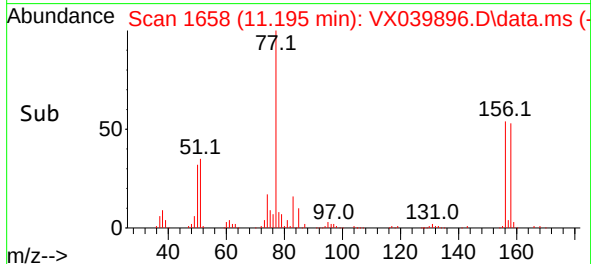
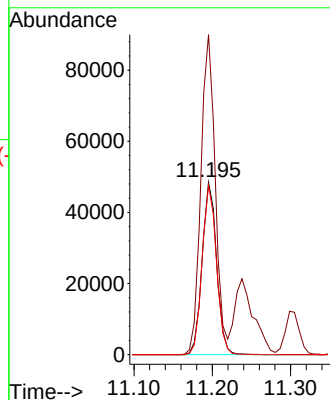
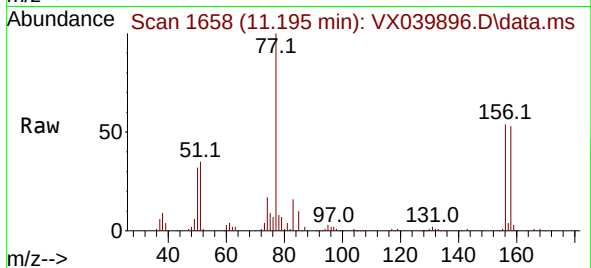
Tgt Ion:	156	Resp:	62289
Ion Ratio	Lower	Upper	
156	100		
77	184.5	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

n-propylbenzene

Concen: 48.203 ug/l

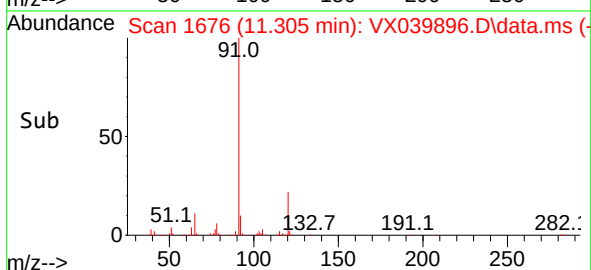
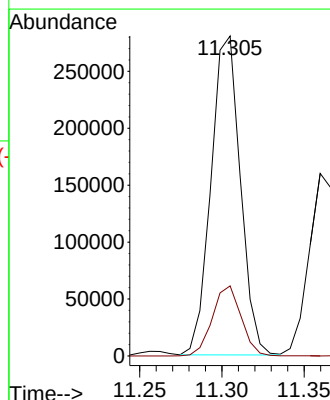
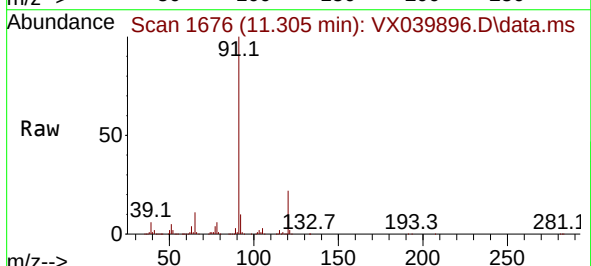
RT: 11.305 min Scan# 1676

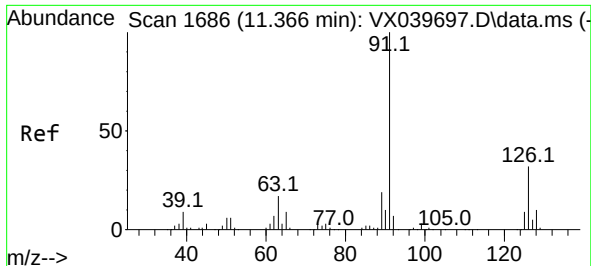
Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Tgt Ion:	91	Resp:	347900
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





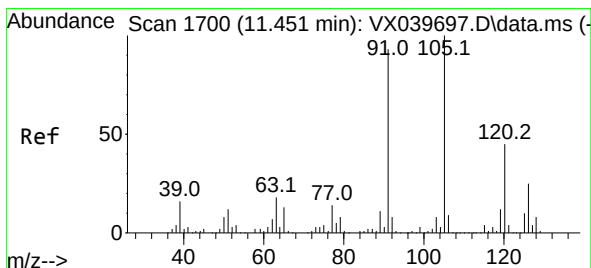
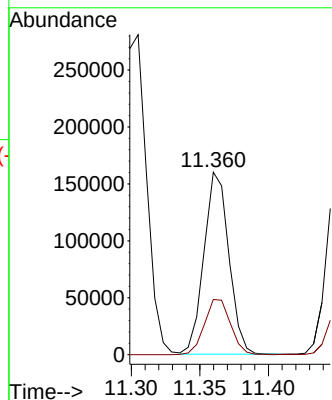
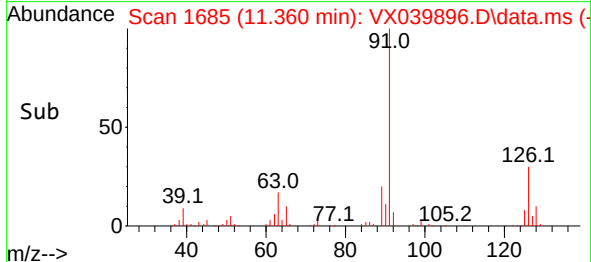
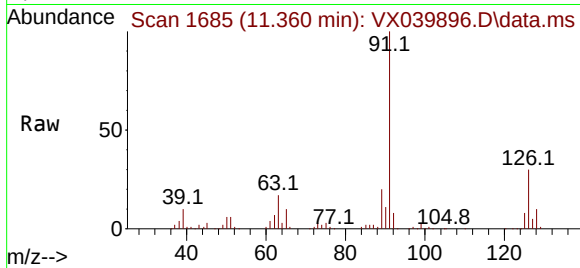
#79
2-Chlorotoluene
Concen: 45.354 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 202310
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

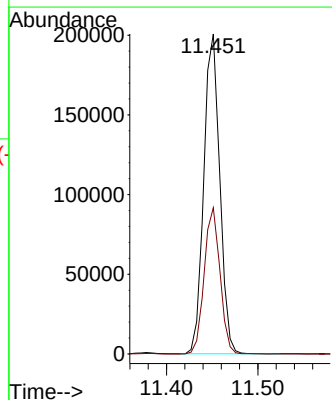
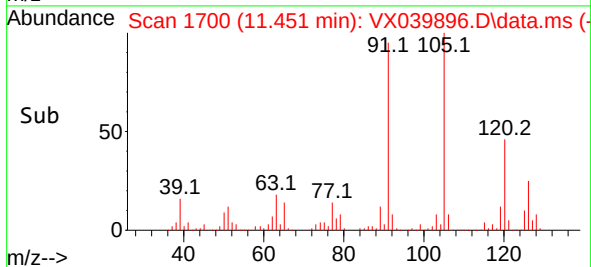
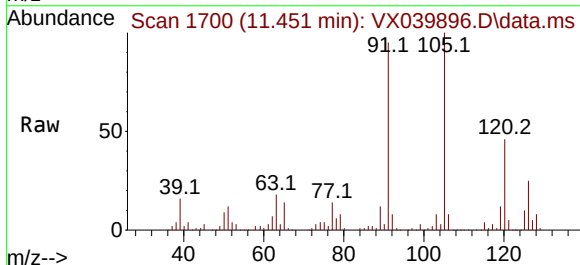
Manual Integrations
APPROVED

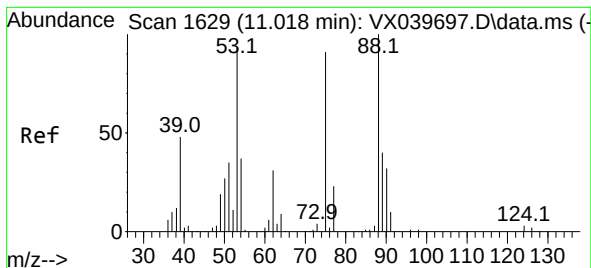
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.991 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion:105 Resp: 243056
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





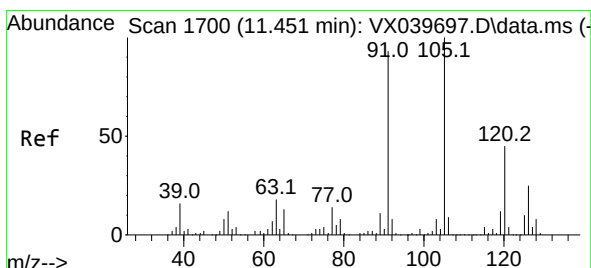
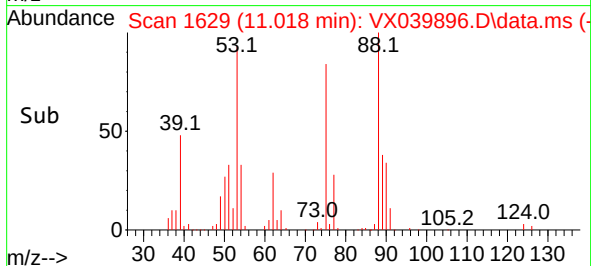
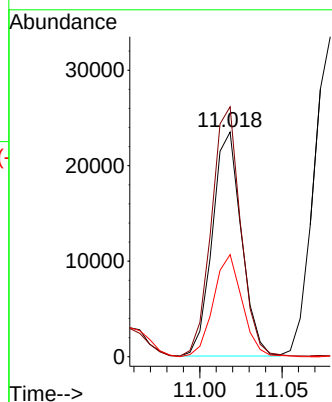
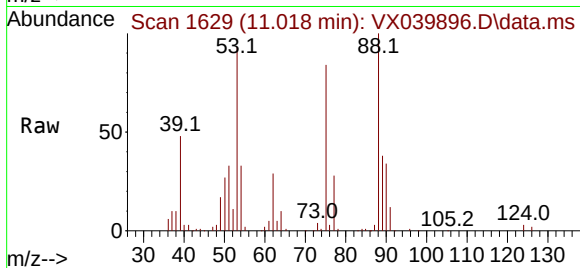
#81
trans-1,4-Dichloro-2-butene
Concen: 44.990 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 28930
Ion Ratio Lower Upper
75 100
53 111.4 90.5 135.7
89 45.0 36.9 55.3

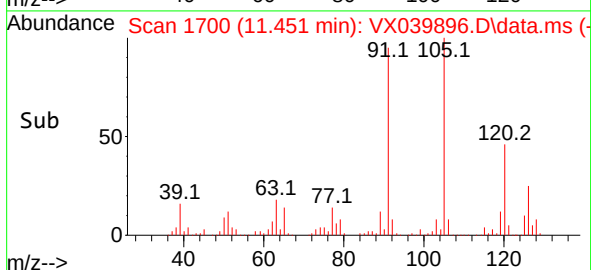
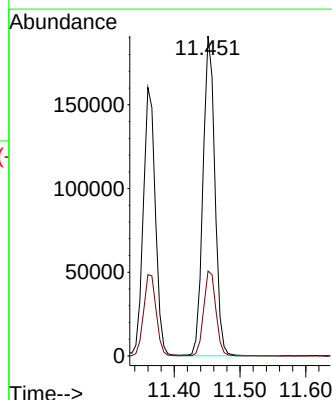
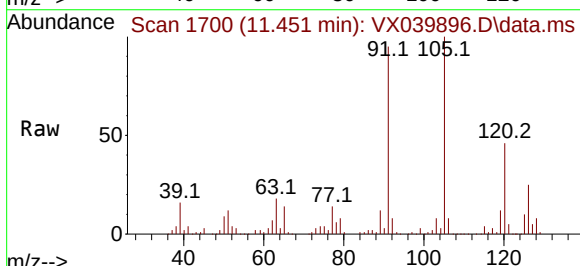
Manual Integrations
APPROVED

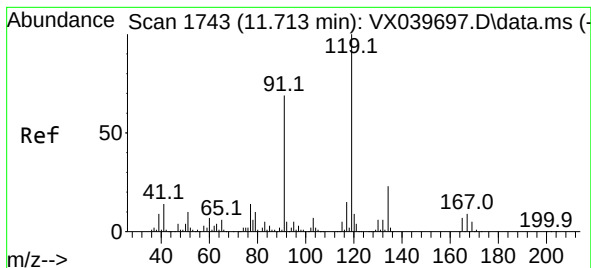
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#82
4-Chlorotoluene
Concen: 47.455 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

Tgt Ion: 91 Resp: 240111
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.724 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

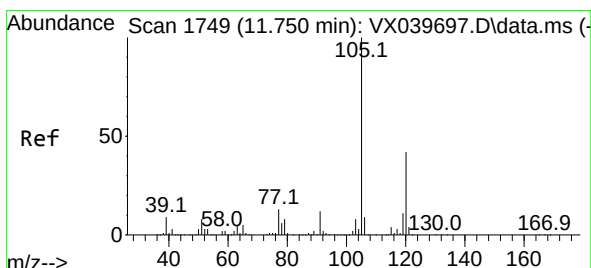
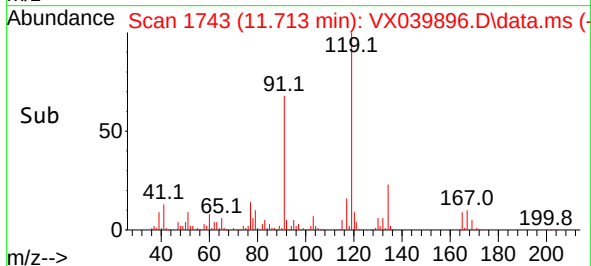
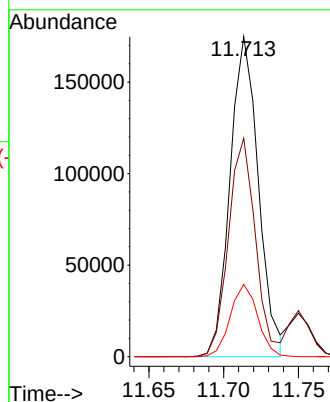
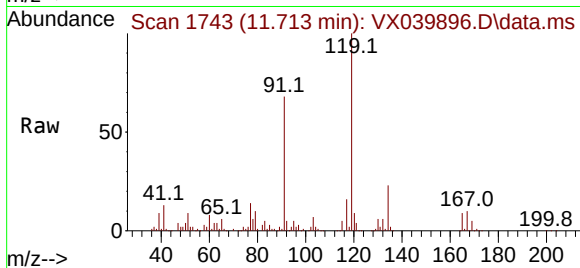
Tgt Ion:119 Resp: 230750
 Ion Ratio Lower Upper
 119 100
 91 65.4 31.2 93.6
 134 21.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 48.230 ug/l

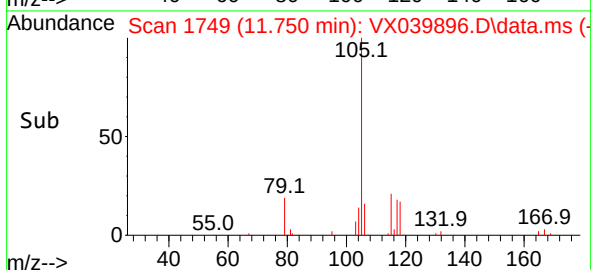
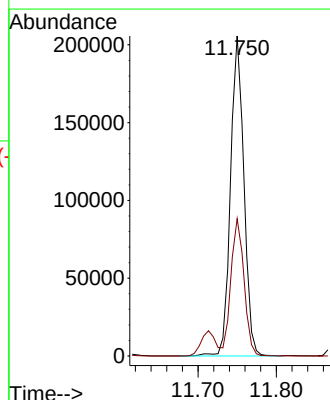
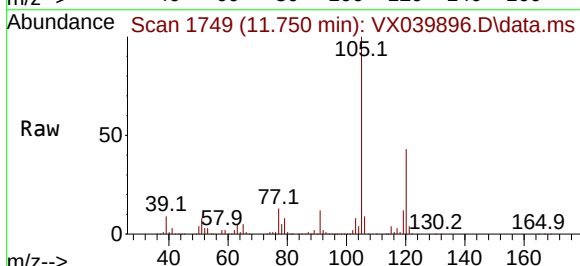
RT: 11.750 min Scan# 1749

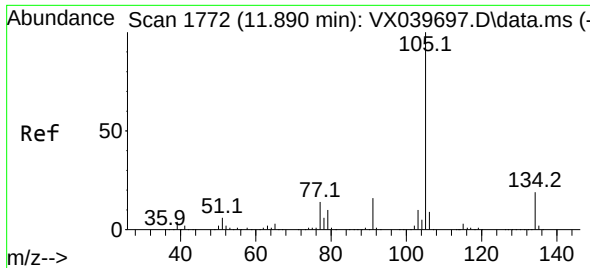
Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

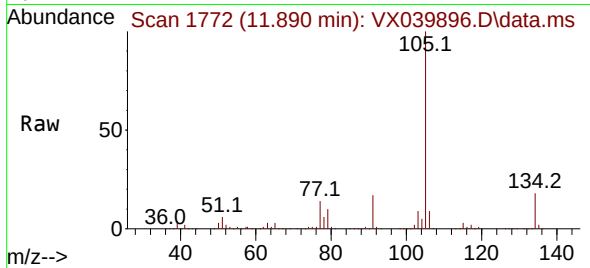
Tgt Ion:105 Resp: 243699
 Ion Ratio Lower Upper
 105 100
 120 41.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.660 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039896.D
 Acq: 23 Jan 2024 09:15

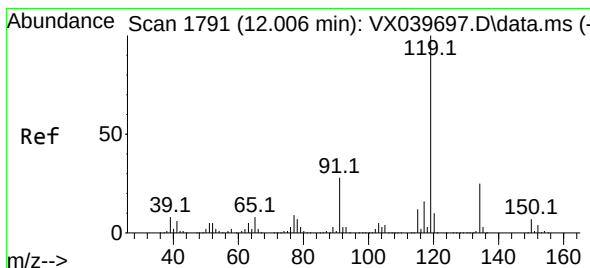
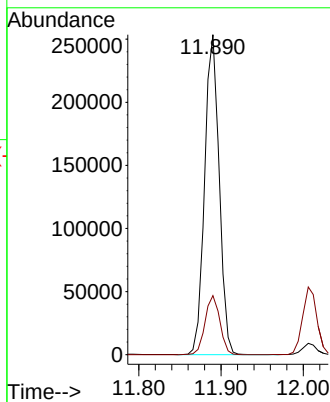
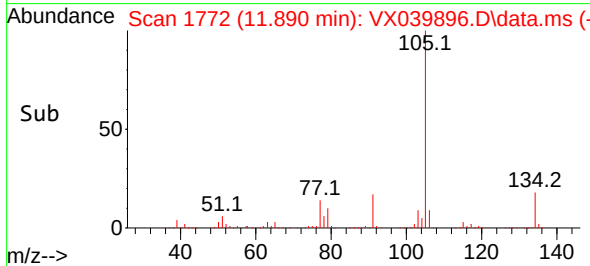
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



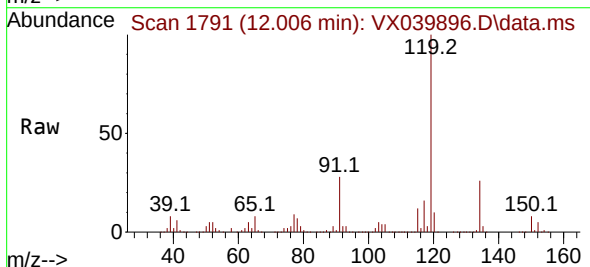
Tgt Ion:105 Resp: 311698
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

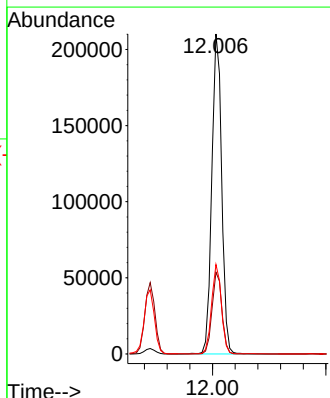
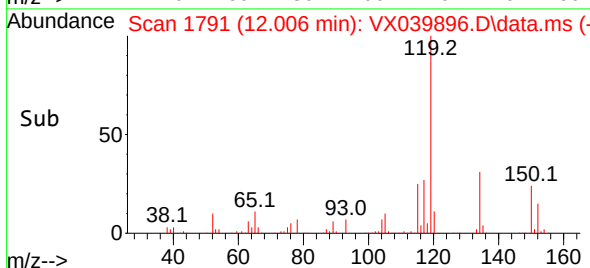
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

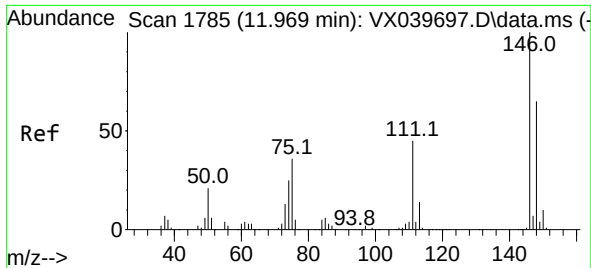


#86
 p-Isopropyltoluene
 Concen: 50.433 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039896.D
 Acq: 23 Jan 2024 09:15



Tgt Ion:119 Resp: 252998
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.844 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 12431

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.1

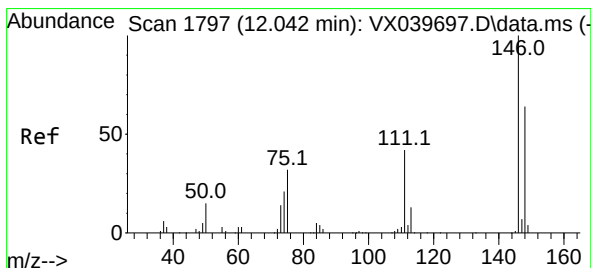
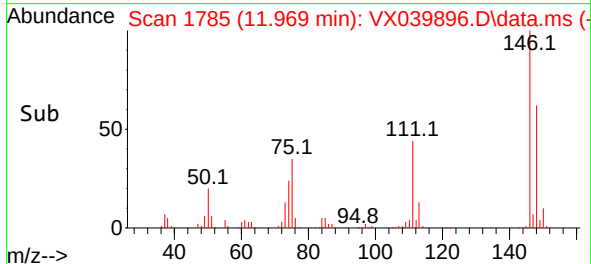
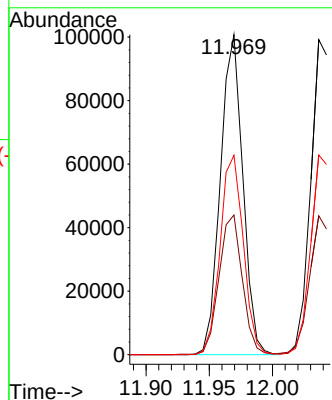
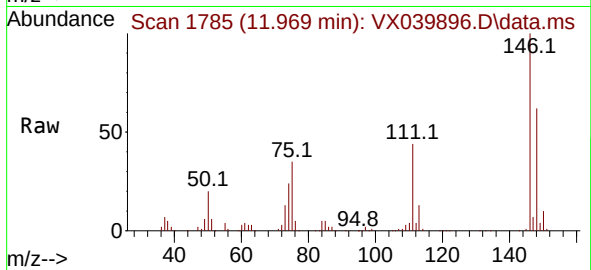
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#88

1,4-Dichlorobenzene

Concen: 48.208 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

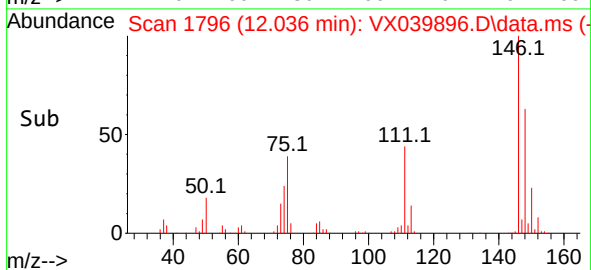
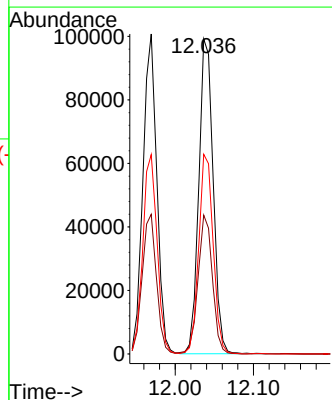
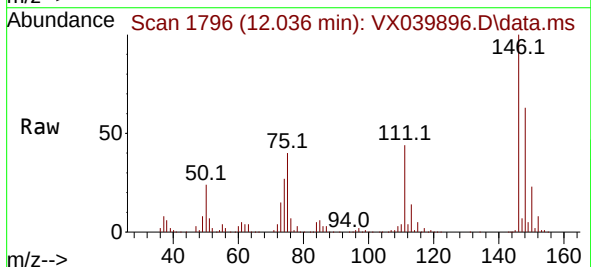
Tgt Ion:146 Resp: 126723

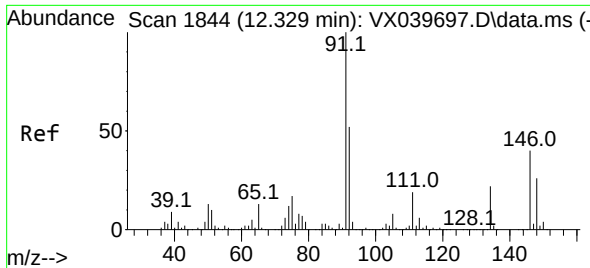
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

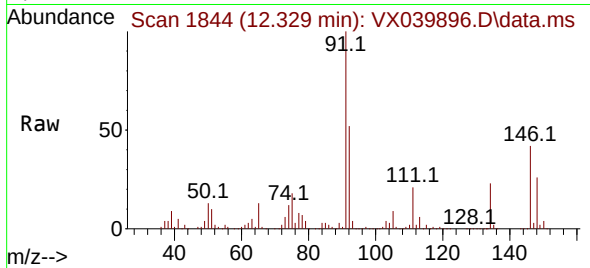
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 51.983 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

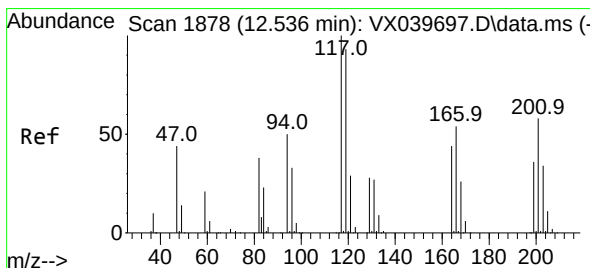
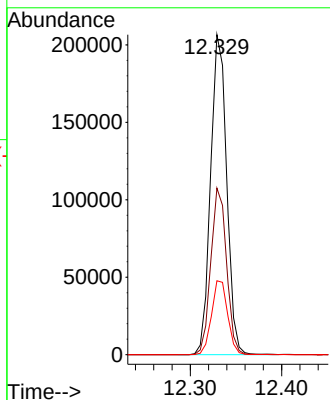
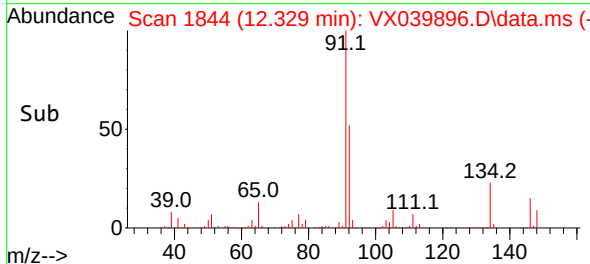
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25186
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.3 12.6 37.8

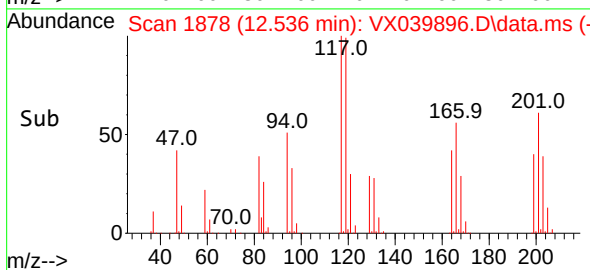
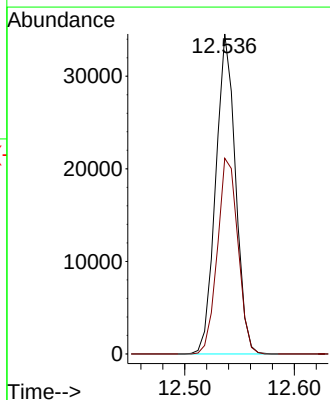
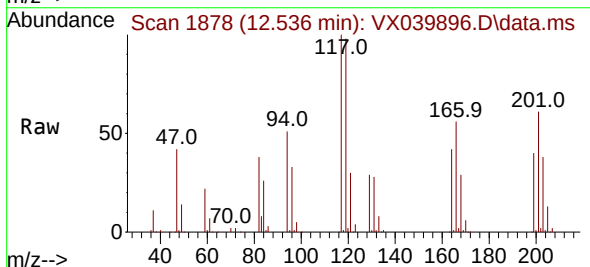
Manual Integrations
APPROVED

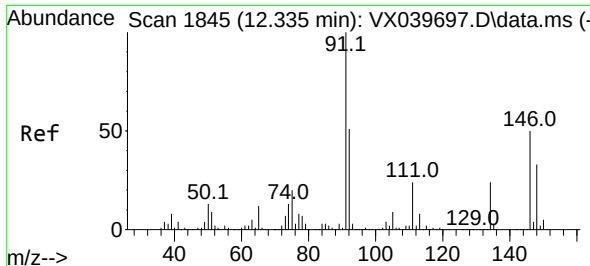
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#90
Hexachloroethane
Concen: 51.240 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

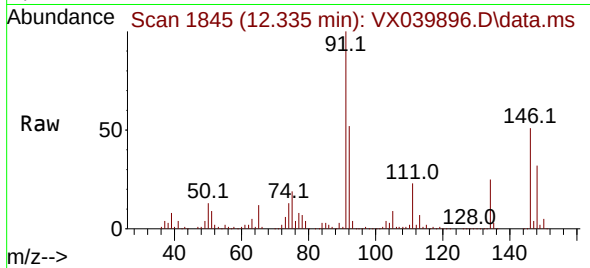
Tgt Ion:117 Resp: 43364
Ion Ratio Lower Upper
117 100
201 63.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.109 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

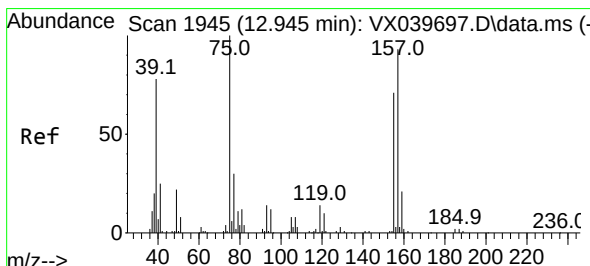
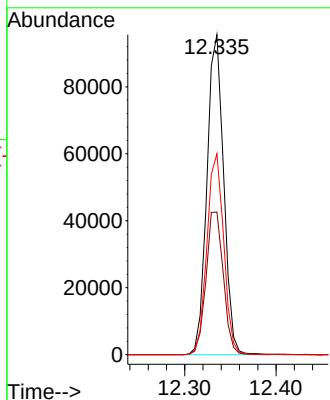
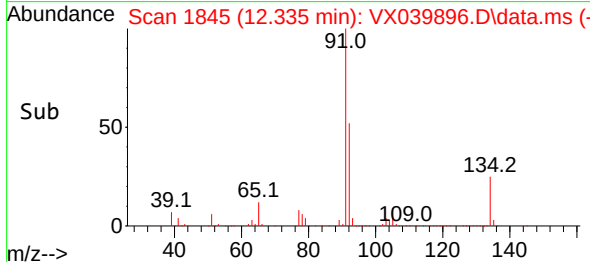
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



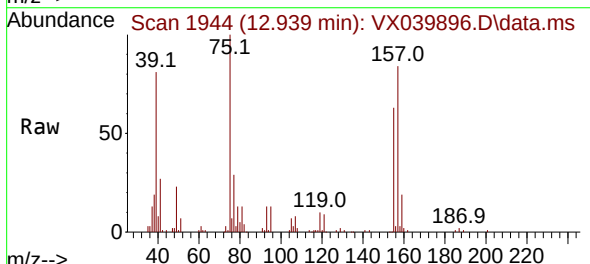
Tgt Ion:146 Resp: 121049
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.0
148 63.0 31.6 95.0

Manual Integrations
APPROVED

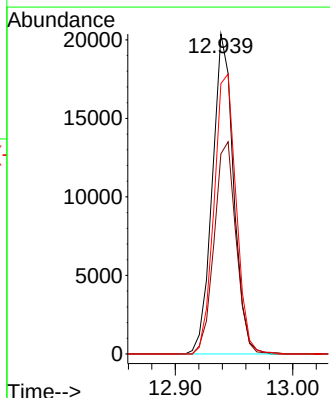
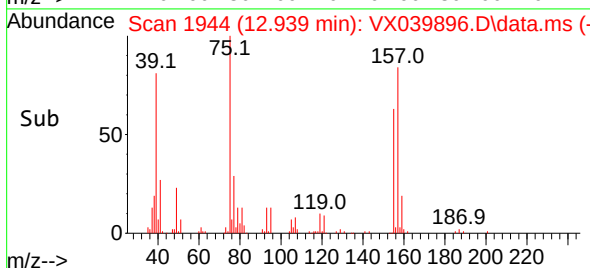
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

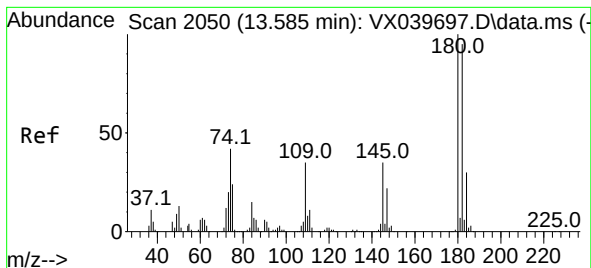


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.869 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15



Tgt Ion: 75 Resp: 25594
Ion Ratio Lower Upper
75 100
155 68.5 36.1 108.5
157 90.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.287 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

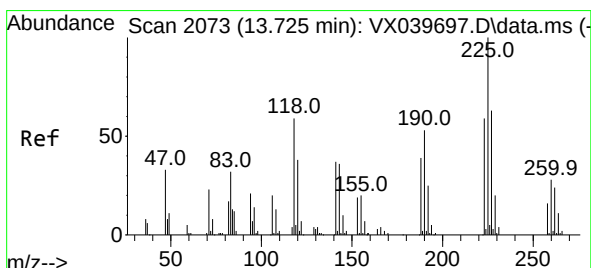
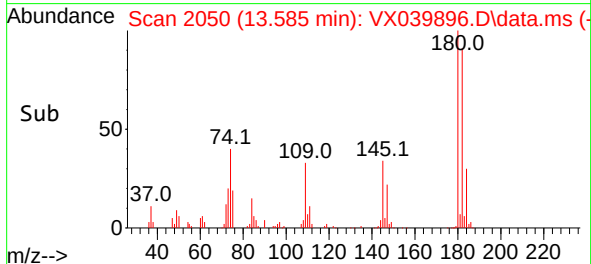
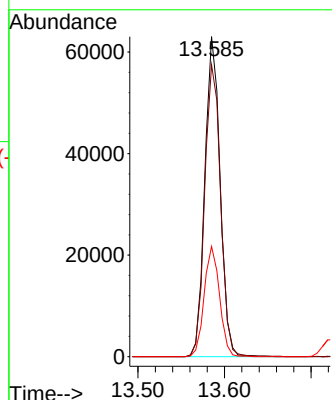
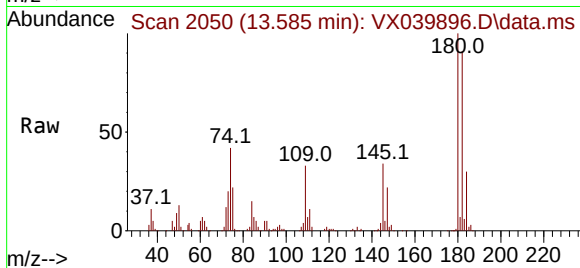
Tgt Ion:	180	Resp:	77324
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.3	144.8
145	34.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#94

Hexachlorobutadiene

Concen: 54.530 ug/l

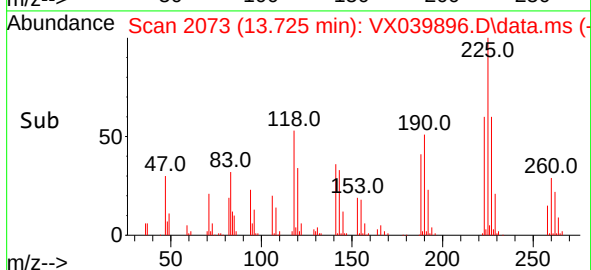
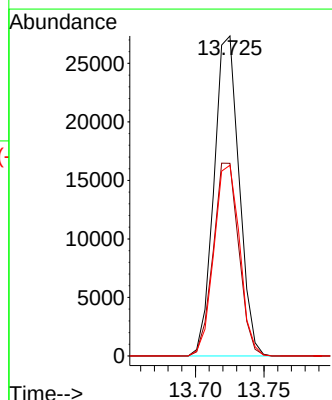
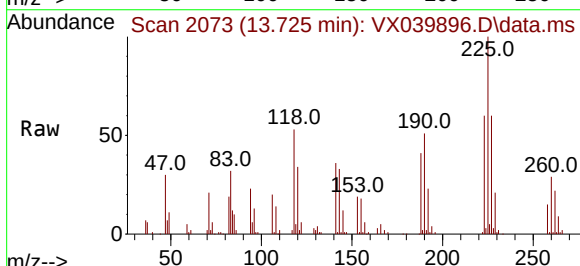
RT: 13.725 min Scan# 2073

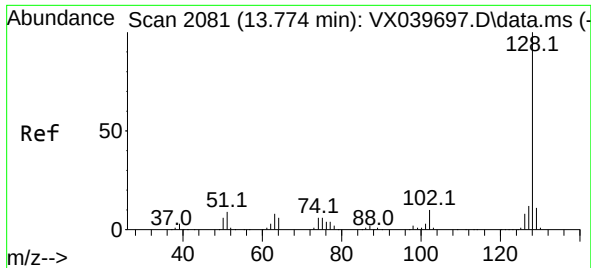
Delta R.T. 0.000 min

Lab File: VX039896.D

Acq: 23 Jan 2024 09:15

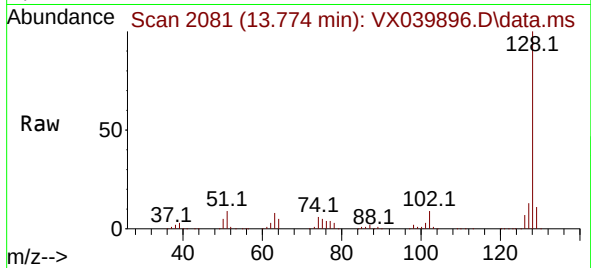
Tgt Ion:	225	Resp:	34855
Ion Ratio	Lower	Upper	
225	100		
223	61.3	31.1	93.2
227	61.0	32.5	97.5





#95
Naphthalene
Concen: 45.764 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15

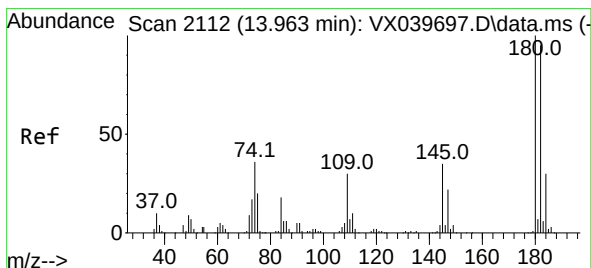
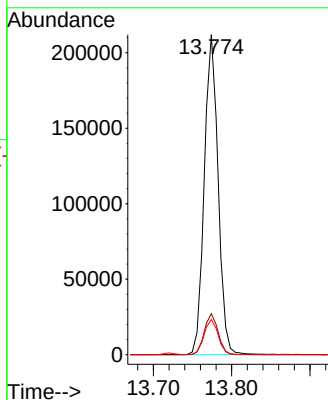
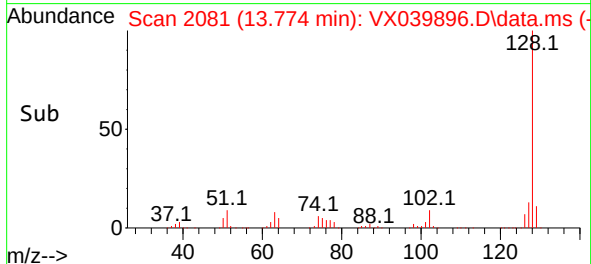
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



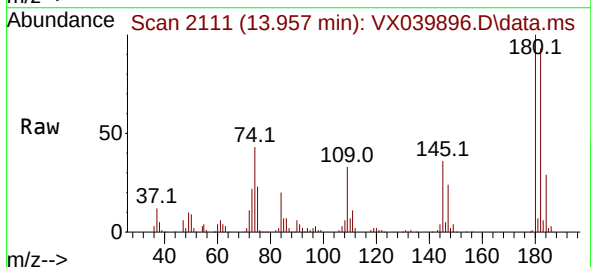
Tgt Ion:128 Resp: 259054
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.142 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039896.D
Acq: 23 Jan 2024 09:15



Tgt Ion:180 Resp: 76263
Ion Ratio Lower Upper
180 100
182 93.3 46.9 140.6
145 35.2 17.8 53.5

