

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039762.D
 Acq On : 15 Jan 2024 17:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 01:44:17 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	102856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77274	44.849	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.700%		
35) Dibromofluoromethane	5.385	113	58920	47.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.647	98	214709	45.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.840%#		
62) 4-Bromofluorobenzene	11.079	95	81664	44.663	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56821	42.697	ug/l	97
3) Chloromethane	1.294	50	62667	41.234	ug/l	96
4) Vinyl Chloride	1.374	62	63190	44.056	ug/l	99
5) Bromomethane	1.599	94	31571	38.577	ug/l	96
6) Chloroethane	1.666	64	29949	36.731	ug/l	94
7) Trichlorofluoromethane	1.874	101	93734	45.303	ug/l	99
8) Diethyl Ether	2.136	74	34800	45.513	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	57849	45.098	ug/l	99
10) Methyl Iodide	2.447	142	66909	49.444	ug/l	94
11) Tert butyl alcohol	3.007	59	101863	227.114	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	55528	44.855	ug/l	93
13) Acrolein	2.233	56	59309	212.715	ug/l	99
14) Allyl chloride	2.660	41	104803	43.013	ug/l	98
15) Acrylonitrile	3.062	53	204270	220.484	ug/l	99
16) Acetone	2.380	43	199651	206.039	ug/l	91
17) Carbon Disulfide	2.508	76	138047	38.798	ug/l	99
18) Methyl Acetate	2.703	43	93163	45.955	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	204099	46.439	ug/l	99
20) Methylene Chloride	2.788	84	66331	45.255	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	58230	44.697	ug/l	98
22) Diisopropyl ether	3.757	45	213881	45.999	ug/l	99
23) Vinyl Acetate	3.721	43	997304	230.741	ug/l	100
24) 1,1-Dichloroethane	3.605	63	117333	45.869	ug/l	99
25) 2-Butanone	4.556	43	303105	217.668	ug/l	97
26) 2,2-Dichloropropane	4.471	77	92621	45.115	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68606	45.915	ug/l	99
28) Bromochloromethane	4.891	49	52742	45.486	ug/l	97
29) Tetrahydrofuran	5.001	42	192902	215.224	ug/l	99
30) Chloroform	5.086	83	117903	46.690	ug/l	99
31) Cyclohexane	5.464	56	99846	43.909	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	99269	45.918	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84056	43.559	ug/l	99
37) Ethyl Acetate	4.708	43	111339	43.249	ug/l	99
38) Carbon Tetrachloride	5.672	117	80388	45.484	ug/l	94
39) Methylcyclohexane	7.379	83	101483	43.795	ug/l	99
40) Benzene	6.031	78	252894	46.282	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
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 Supervised By : Mahesh Dadoda 01/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58274	46.290	ug/l	94
42) 1,2-Dichloroethane	6.086	62	97815	47.085	ug/l	100
43) Isopropyl Acetate	6.336	43	174093	46.100	ug/l	99
44) Trichloroethene	7.123	130	62451	46.635	ug/l	99
45) 1,2-Dichloropropane	7.427	63	67782	46.242	ug/l	100
46) Dibromomethane	7.580	93	46297	45.728	ug/l	98
47) Bromodichloromethane	7.818	83	87984	46.923	ug/l	96
48) Methyl methacrylate	7.690	41	84398	45.467	ug/l	95
49) 1,4-Dioxane	7.665	88	33253	925.803	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	591756	227.520	ug/l	99
52) Toluene	8.714	92	153376	46.994	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	92324	46.401	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	102177	46.703	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	64369	46.324	ug/l	93
56) Ethyl methacrylate	9.116	69	107617	47.852	ug/l	98
57) 1,3-Dichloropropane	9.305	76	110442	46.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	258567	243.237	ug/l	95
59) 2-Hexanone	9.433	43	473441	229.997	ug/l	100
60) Dibromochloromethane	9.518	129	62219	47.480	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69187	48.081	ug/l	99
64) Tetrachloroethene	9.269	164	49350	47.145	ug/l	95
65) Chlorobenzene	10.079	112	161616	48.206	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	58176	50.961	ug/l	99
67) Ethyl Benzene	10.195	91	300279	48.243	ug/l	98
68) m/p-Xylenes	10.299	106	222514	97.205	ug/l	97
69) o-Xylene	10.640	106	111403	49.142	ug/l	97
70) Styrene	10.652	104	181680	49.061	ug/l	98
71) Bromoform	10.799	173	43472	50.714	ug/l #	100
73) Isopropylbenzene	10.963	105	294064	49.889	ug/l	100
74) N-amyl acetate	10.841	43	159025	51.758	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	113604	50.473	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	92688m	48.290	ug/l	
77) Bromobenzene	11.195	156	65041	49.559	ug/l	95
78) n-propylbenzene	11.305	91	350309	49.103	ug/l	98
79) 2-Chlorotoluene	11.360	91	212683	48.235	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	250928	50.124	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	31327	48.856	ug/l	97
82) 4-Chlorotoluene	11.451	91	244017	48.790	ug/l	99
83) tert-Butylbenzene	11.713	119	241284	50.484	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	251526	50.361	ug/l	99
85) sec-Butylbenzene	11.890	105	313911	50.597	ug/l	98
86) p-Isopropyltoluene	12.006	119	250709	50.561	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125422	49.855	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	124955	48.091	ug/l	98
89) n-Butylbenzene	12.329	91	230321	48.092	ug/l	96
90) Hexachloroethane	12.536	117	42765	51.122	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	123309	49.579	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26105	47.331	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71199	46.845	ug/l	97
94) Hexachlorobutadiene	13.725	225	31007	49.076	ug/l	98
95) Naphthalene	13.774	128	269409	48.149	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71695	46.739	ug/l	99

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VSTDCCC050EC

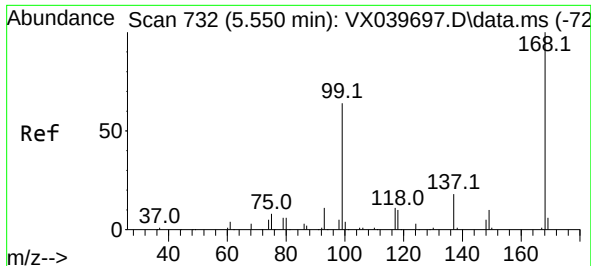
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 01:44:17 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

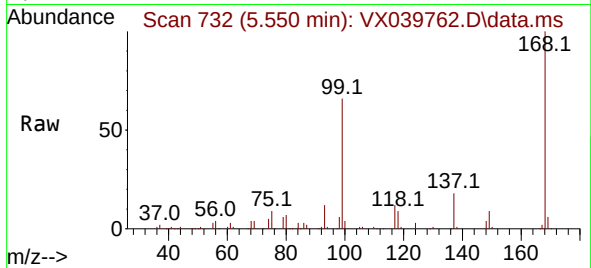
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039762.D
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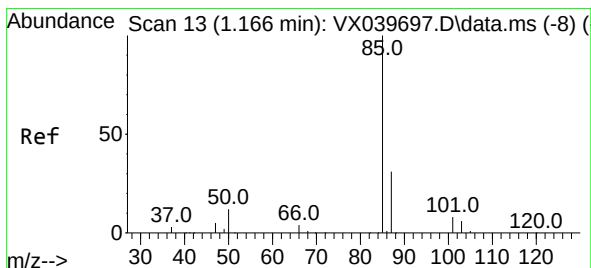
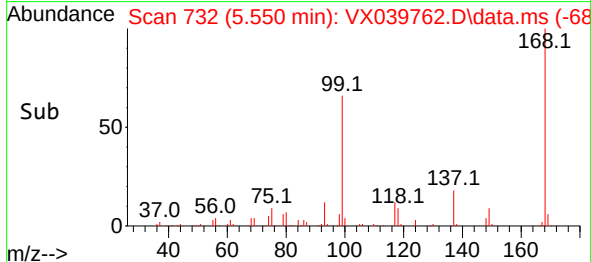
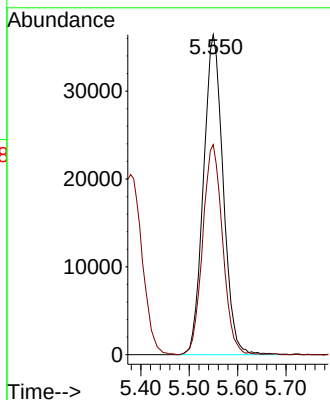
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 102850
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0

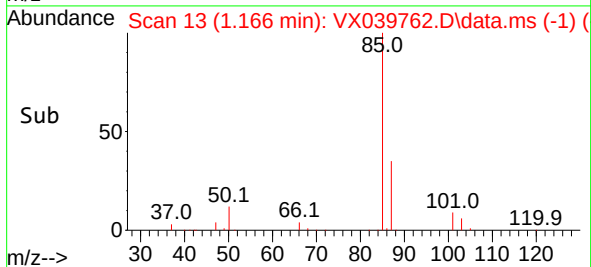
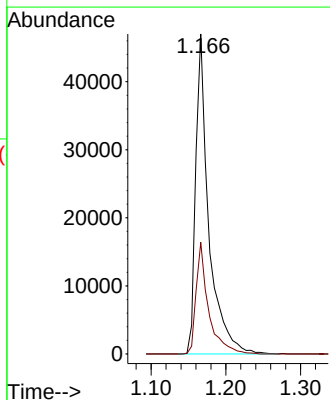
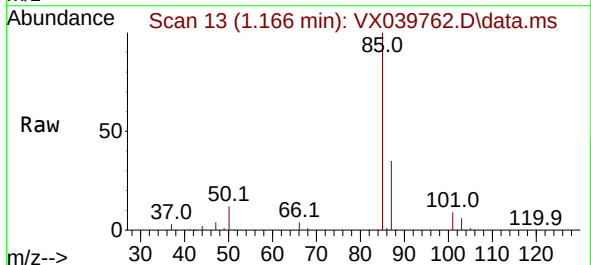
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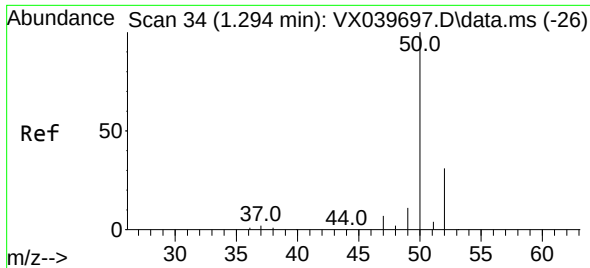
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#2
Dichlorodifluoromethane
Concen: 42.697 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 85 Resp: 56821
Ion Ratio Lower Upper
85 100
87 34.9 16.7 50.1





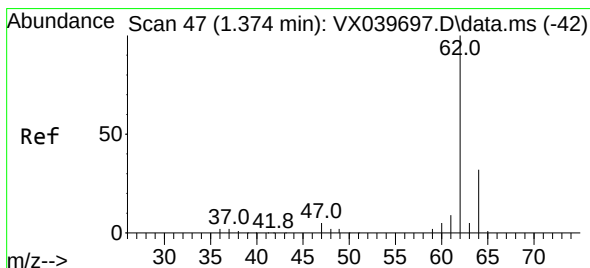
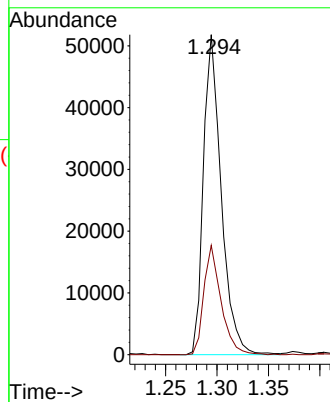
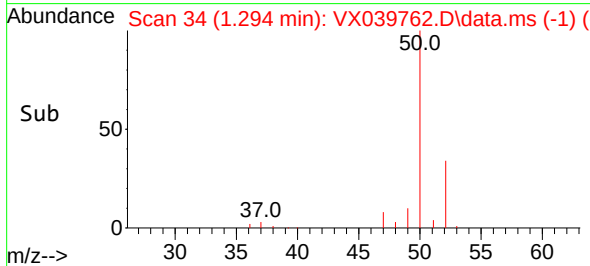
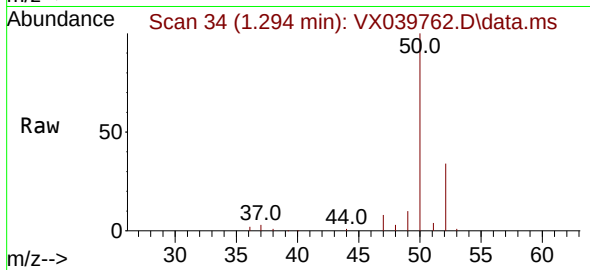
#3
Chloromethane
Concen: 41.234 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

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Tgt Ion: 50 Resp: 6266
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

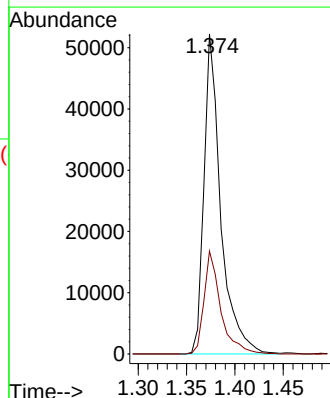
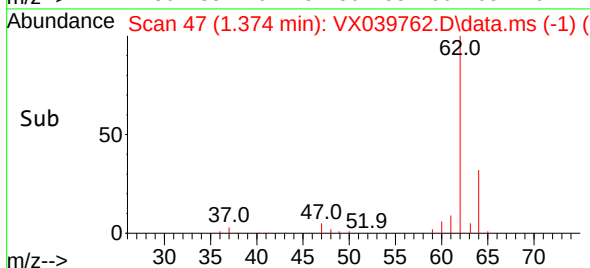
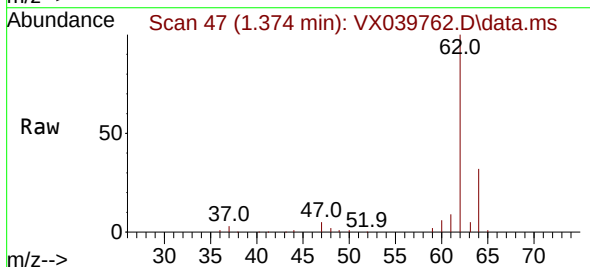
Manual Integrations
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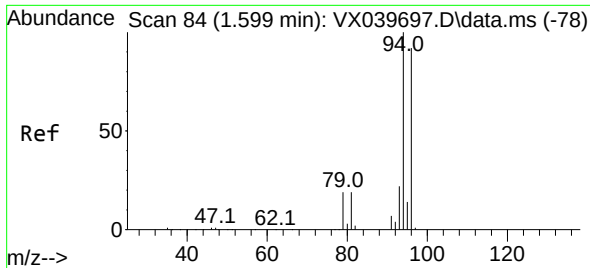
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#4
Vinyl Chloride
Concen: 44.056 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 62 Resp: 63190
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





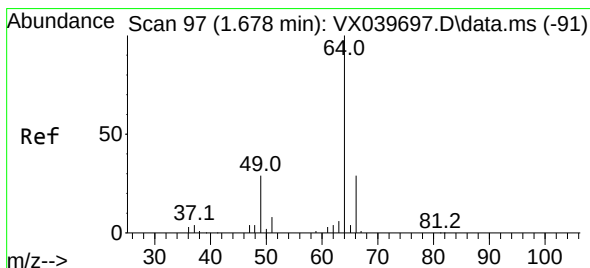
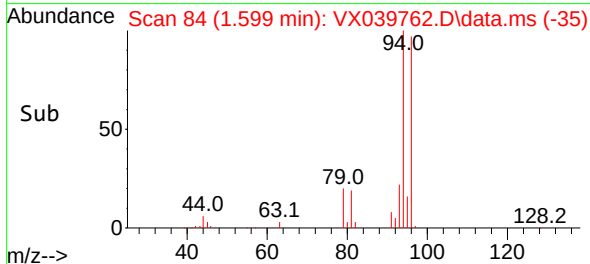
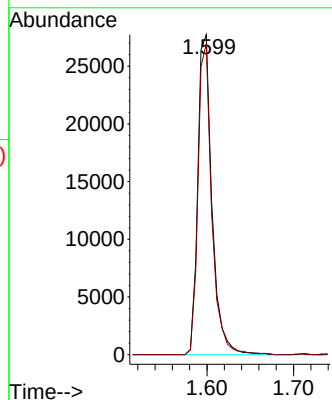
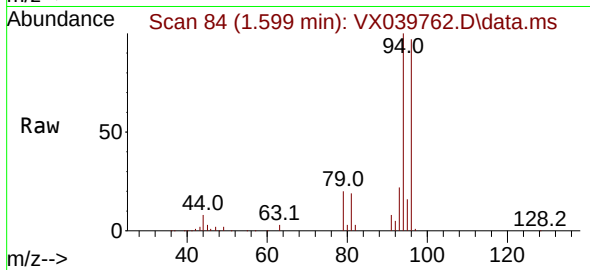
#5
Bromomethane
Concen: 38.577 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 3157
Ion Ratio Lower Upper
94 100
96 97.2 74.6 111.8

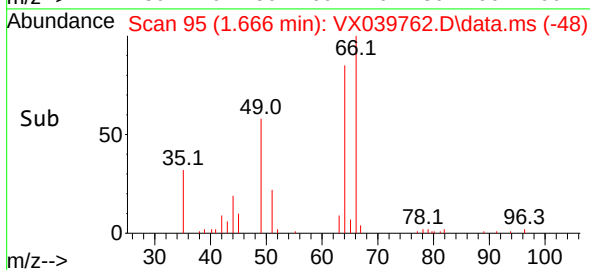
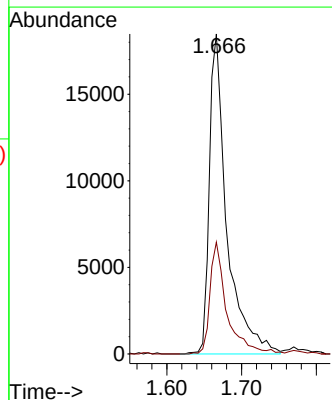
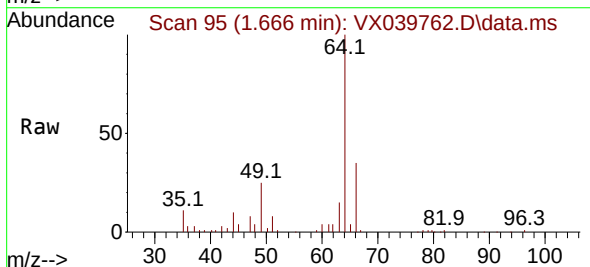
Manual Integrations
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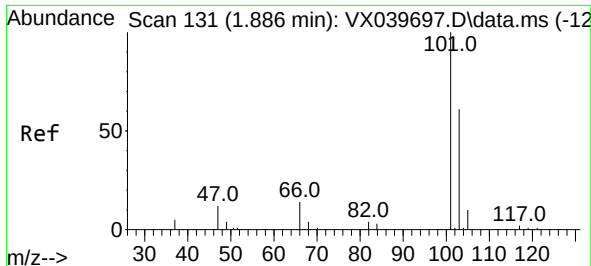
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#6
Chloroethane
Concen: 36.731 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 64 Resp: 29949
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7





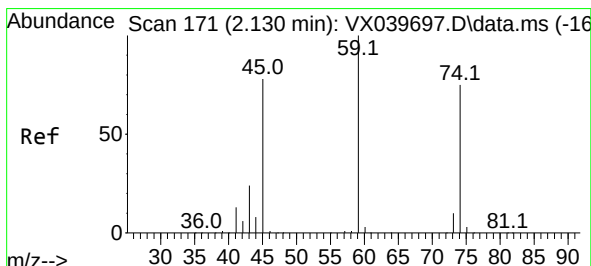
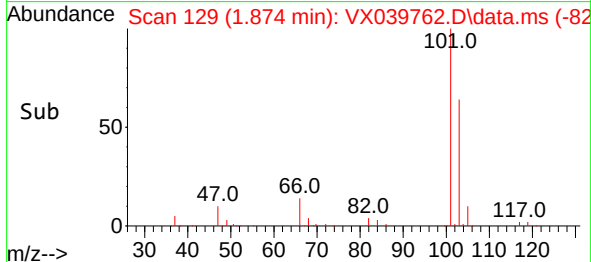
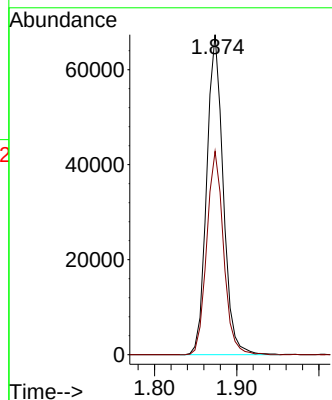
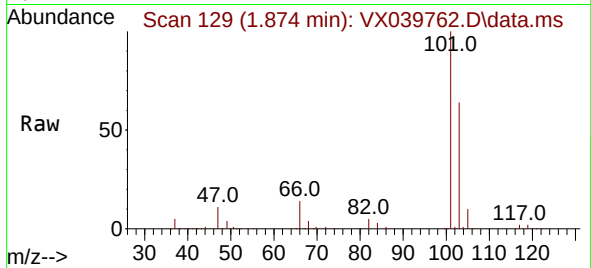
#7
Trichlorofluoromethane
Concen: 45.303 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 93734
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

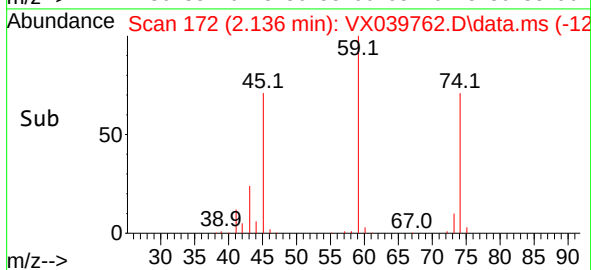
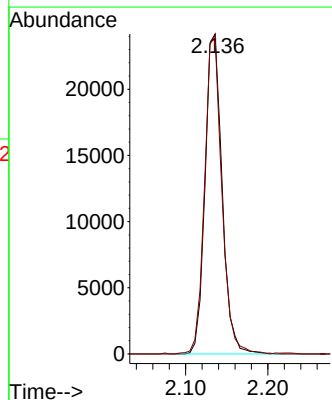
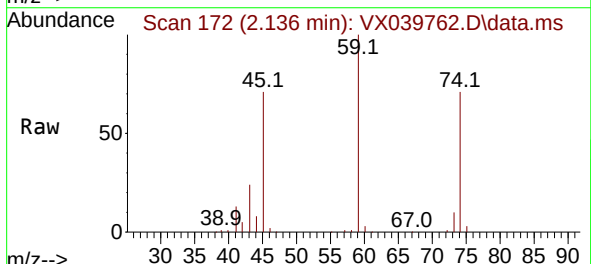
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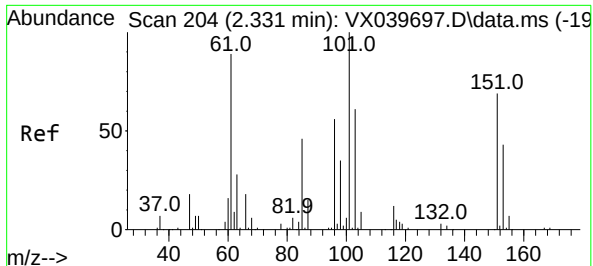
Reviewed By :John Carlone 01/16/2024
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#8
Diethyl Ether
Concen: 45.513 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 74 Resp: 34800
Ion Ratio Lower Upper
74 100
45 100.6 53.3 159.8





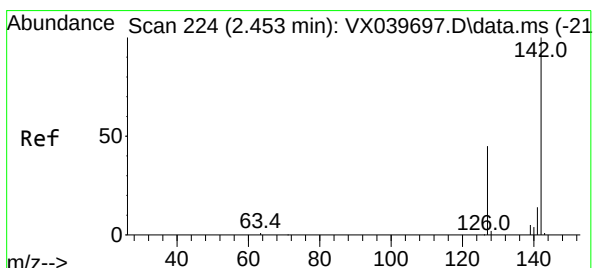
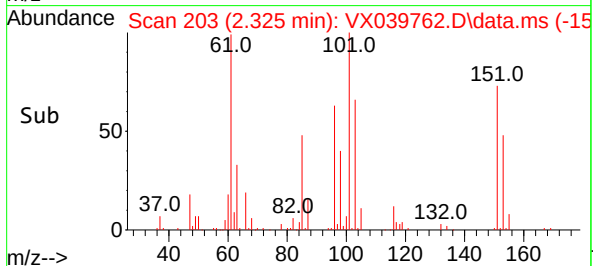
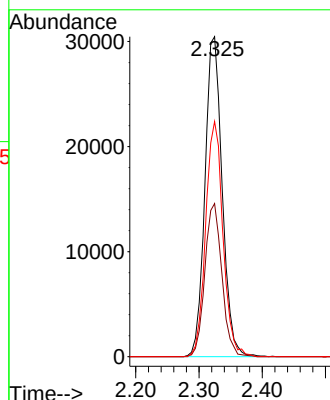
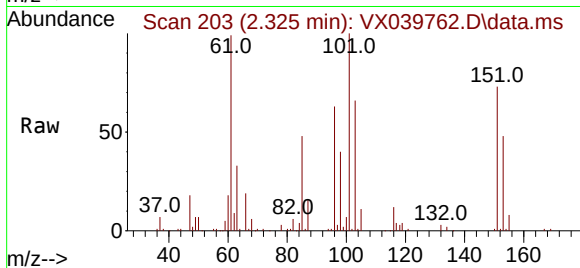
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.098 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039762.D
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VSTDCCC050EC

Tgt Ion:101 Resp: 57849
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 73.6 58.6 87.8

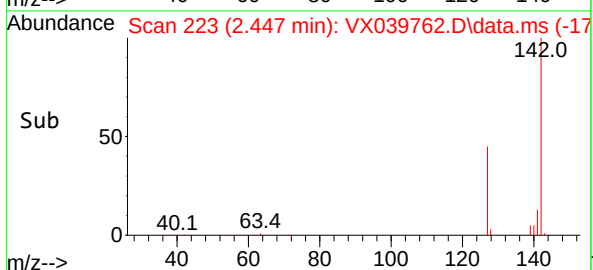
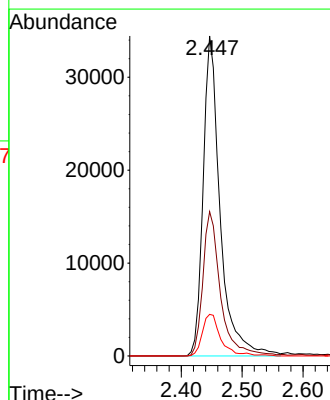
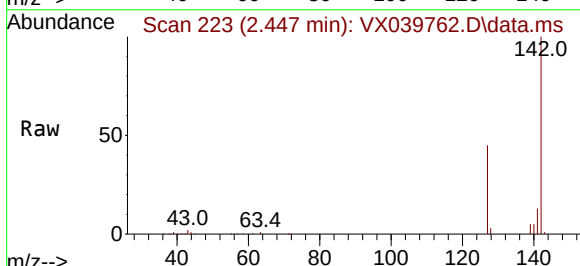
Manual Integrations
APPROVED

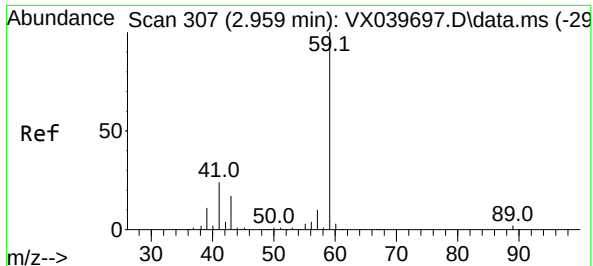
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#10
Methyl Iodide
Concen: 49.444 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion:142 Resp: 66909
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.1 11.6 17.4





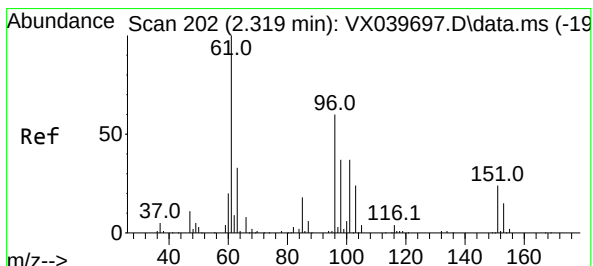
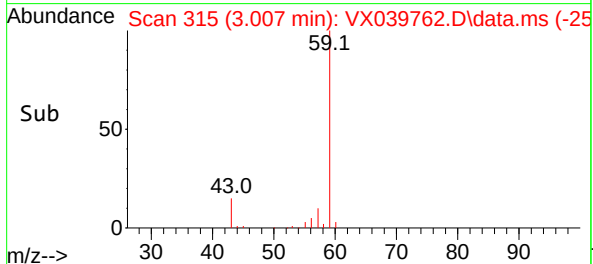
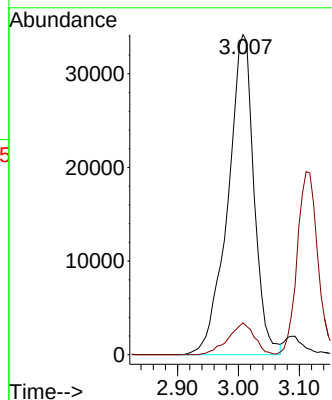
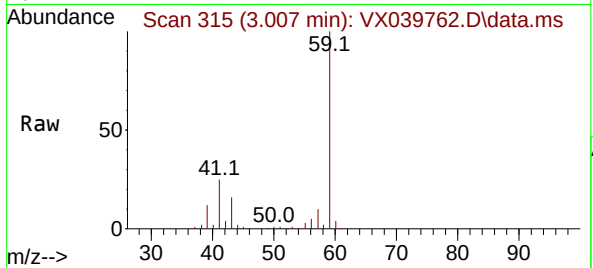
#11
Tert butyl alcohol
Concen: 227.114 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.049 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 10186
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

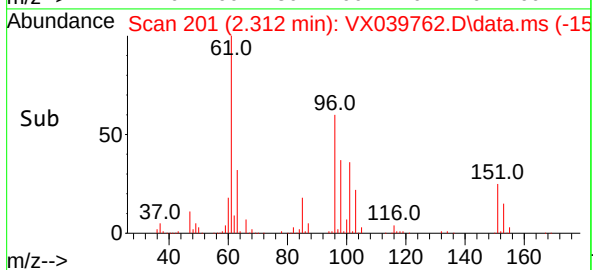
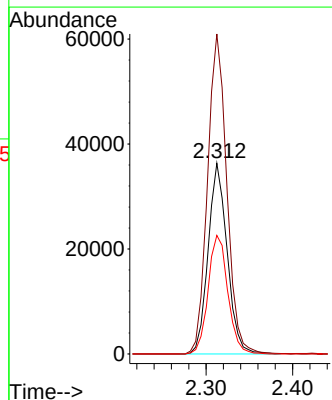
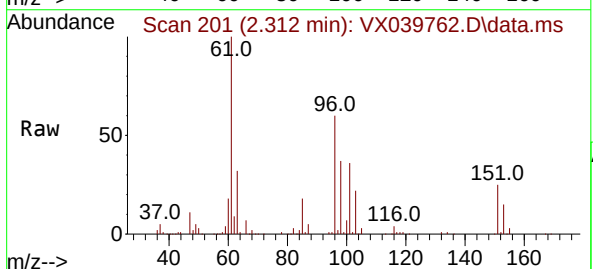
Manual Integrations
APPROVED

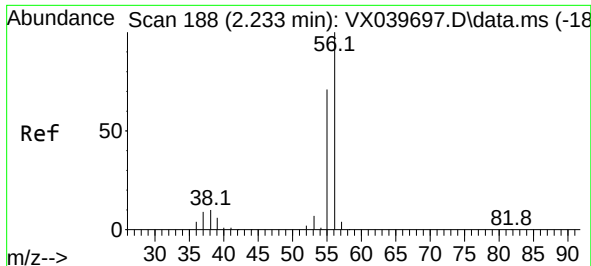
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#12
1,1-Dichloroethene
Concen: 44.855 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

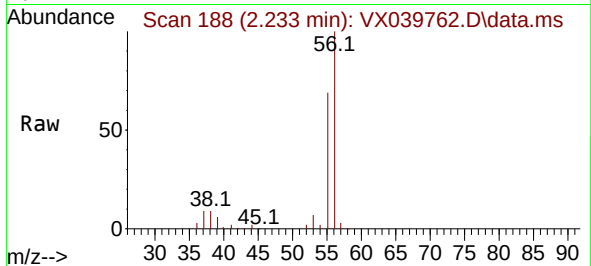
Tgt Ion: 96 Resp: 55528
Ion Ratio Lower Upper
96 100
61 167.8 144.6 216.8
98 62.2 50.4 75.6





#13
Acrolein
Concen: 212.715 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

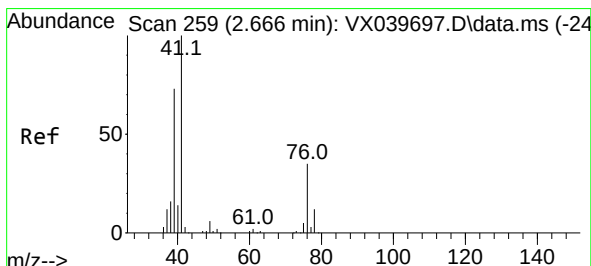
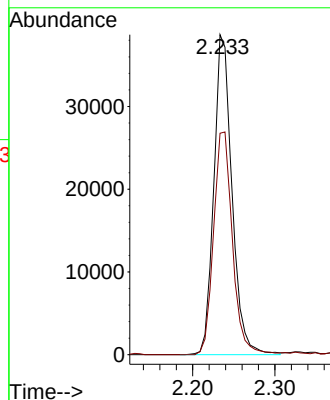
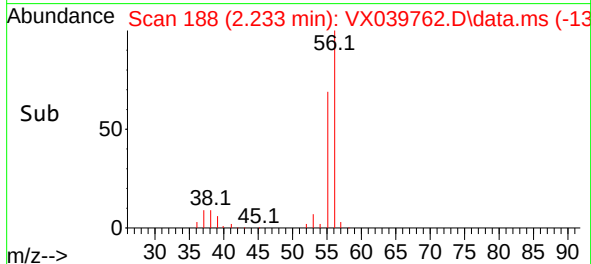
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 59309
Ion Ratio Lower Upper
56 100
55 72.6 57.1 85.7

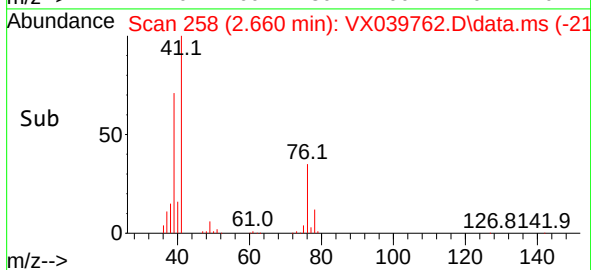
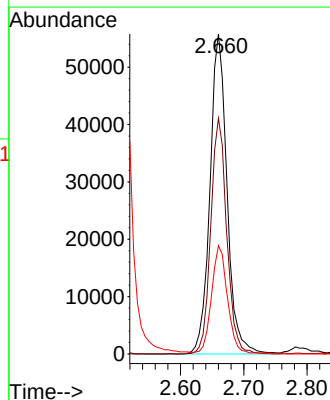
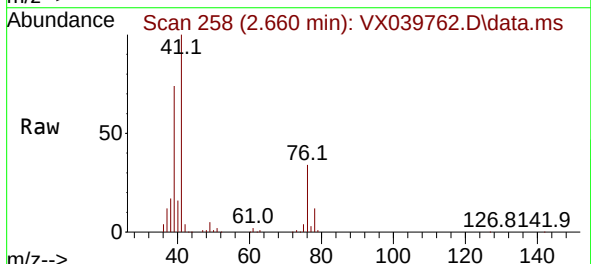
Manual Integrations
APPROVED

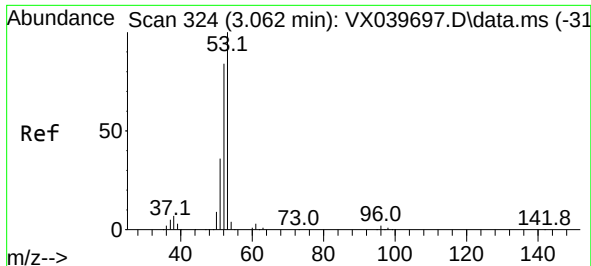
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#14
Allyl chloride
Concen: 43.013 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

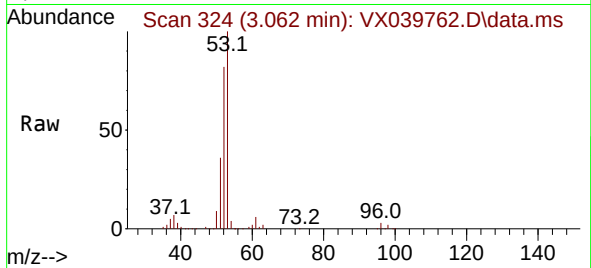
Tgt Ion: 41 Resp: 104803
Ion Ratio Lower Upper
41 100
39 68.7 55.8 83.6
76 31.7 24.3 36.5





#15
Acrylonitrile
Concen: 220.484 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

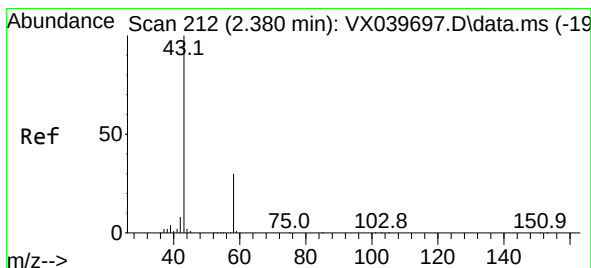
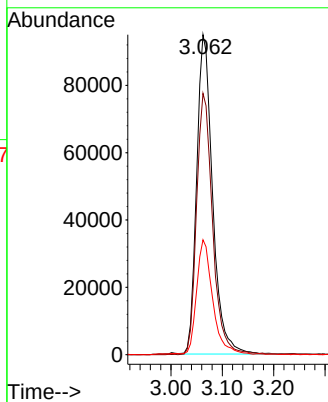
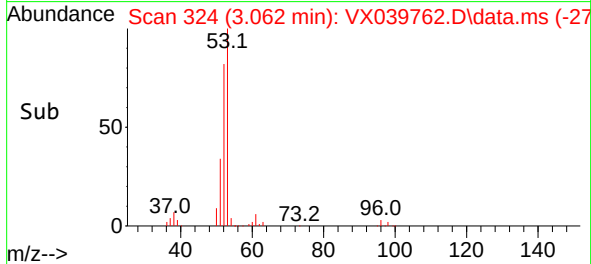
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 204270
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.9 29.8 44.6

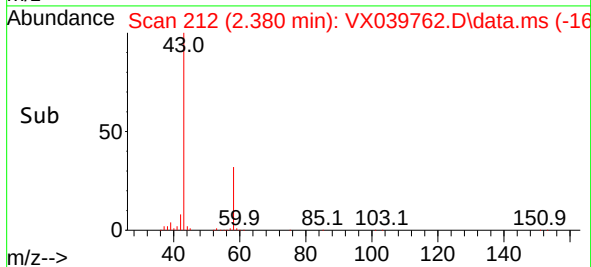
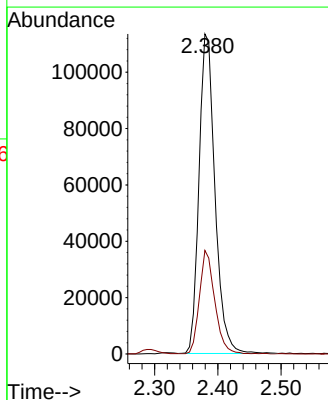
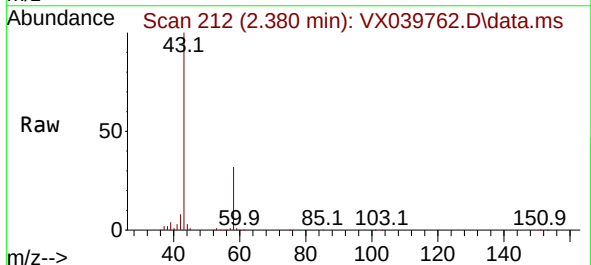
Manual Integrations
APPROVED

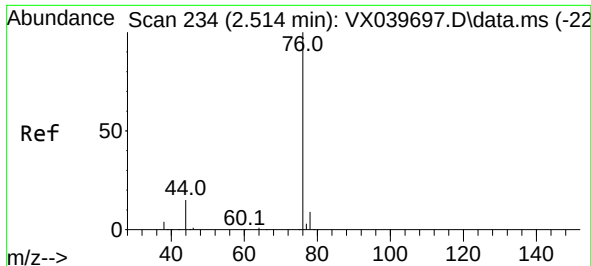
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#16
Acetone
Concen: 206.039 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 43 Resp: 199651
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





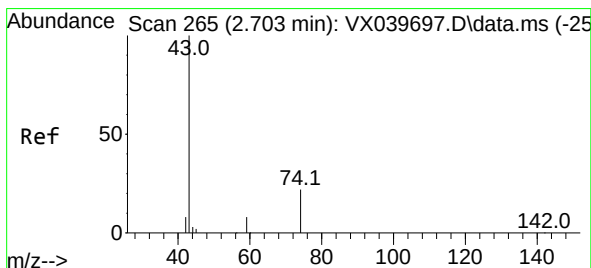
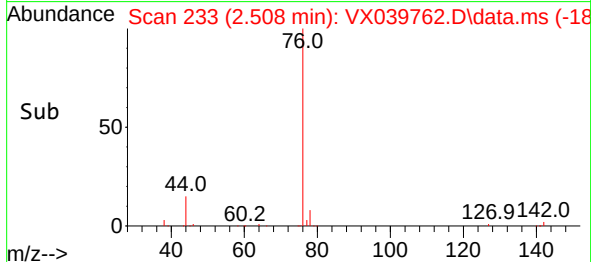
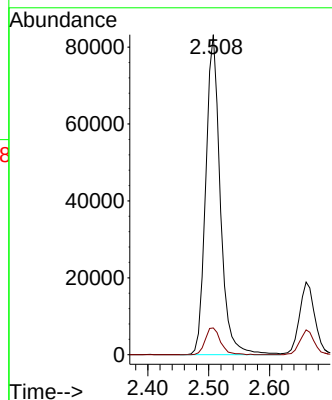
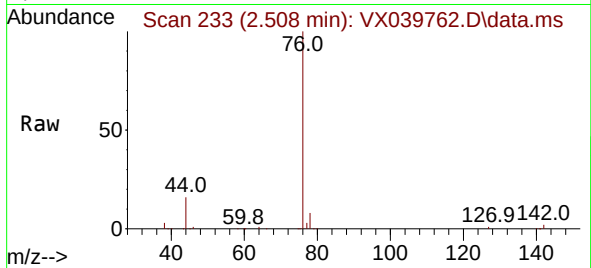
#17
Carbon Disulfide
Concen: 38.798 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 13804
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

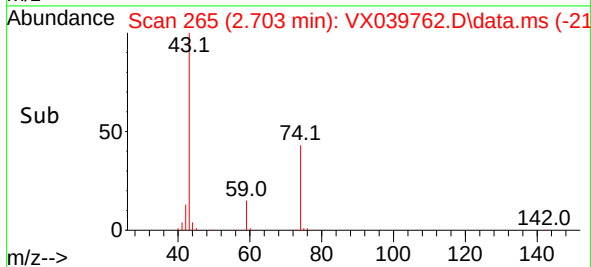
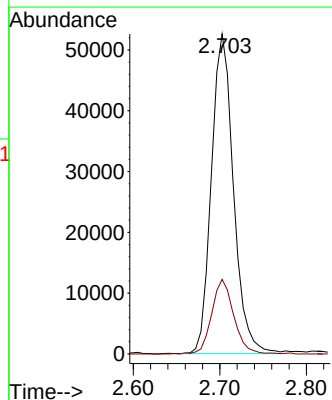
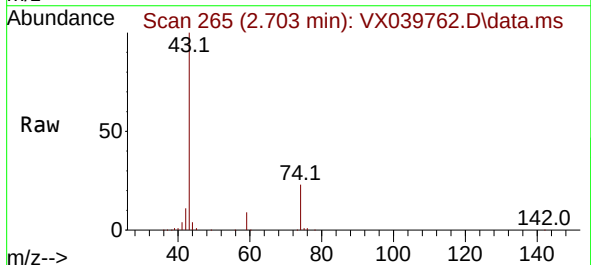
Manual Integrations
APPROVED

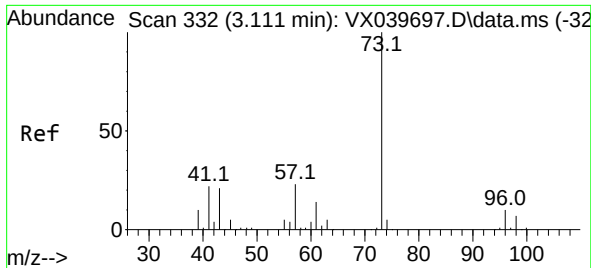
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#18
Methyl Acetate
Concen: 45.955 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 43 Resp: 93163
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8





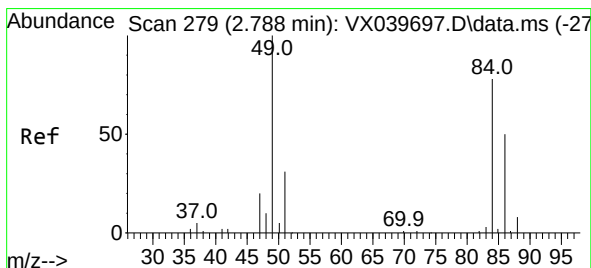
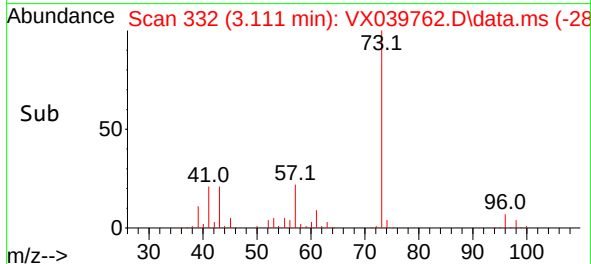
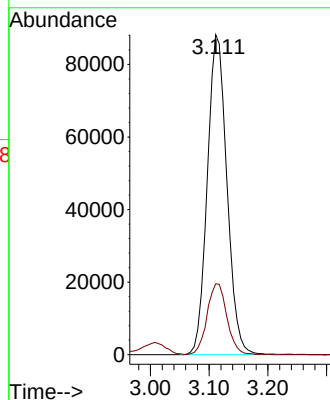
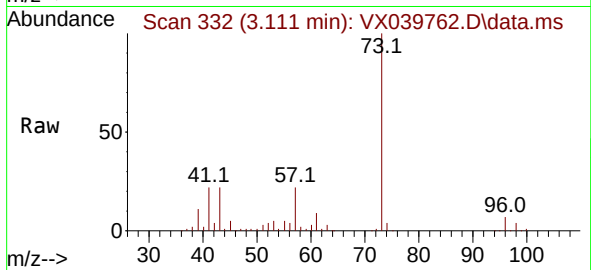
#19
Methyl tert-butyl Ether
Concen: 46.439 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 204099
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

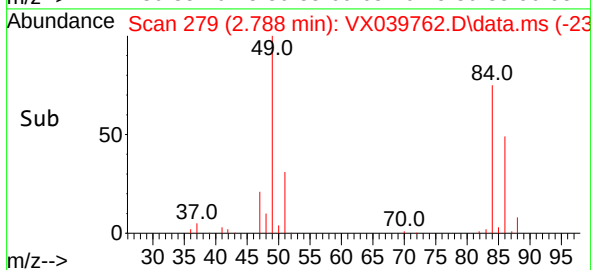
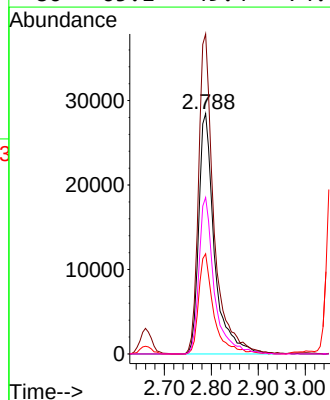
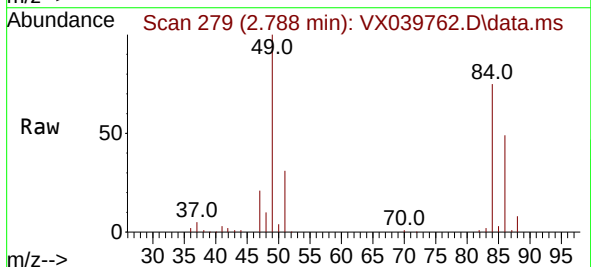
Manual Integrations
APPROVED

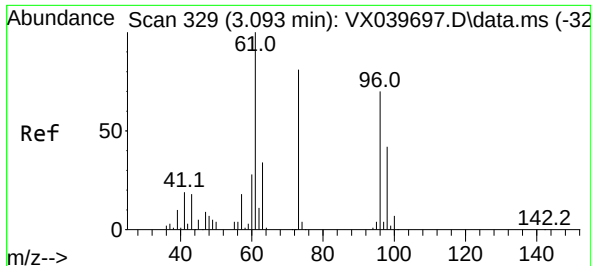
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#20
Methylene Chloride
Concen: 45.255 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

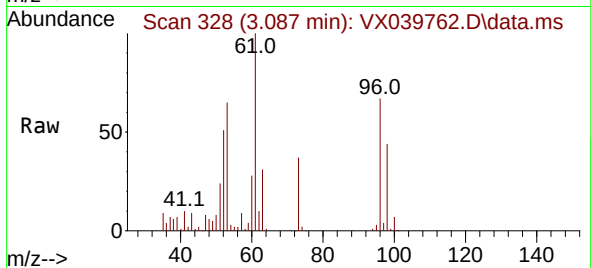
Tgt Ion: 84 Resp: 66331
Ion Ratio Lower Upper
84 100
49 133.1 103.6 155.4
51 41.7 33.8 50.6
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.697 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

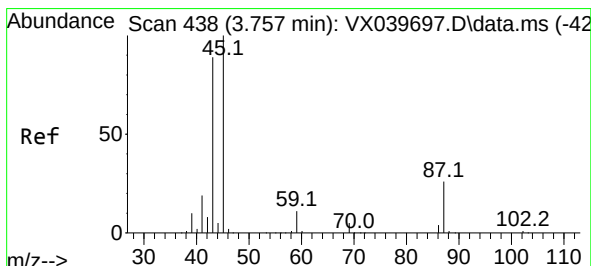
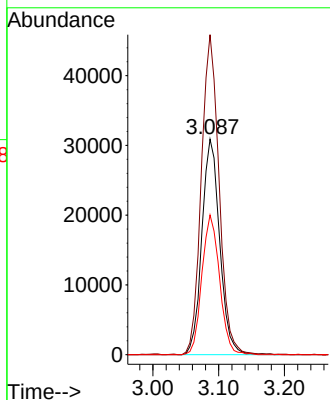
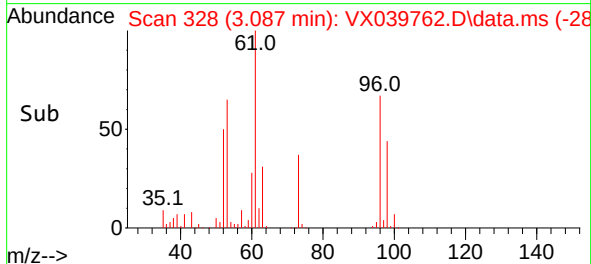
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 58230
Ion Ratio Lower Upper
96 100
61 148.4 119.2 178.8
98 64.8 48.7 73.1

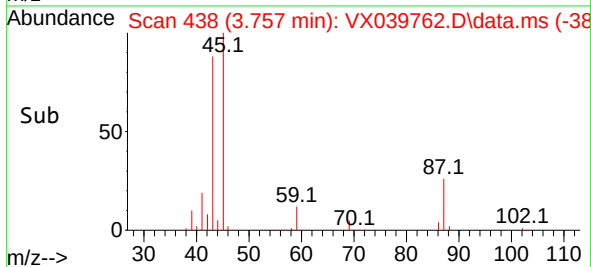
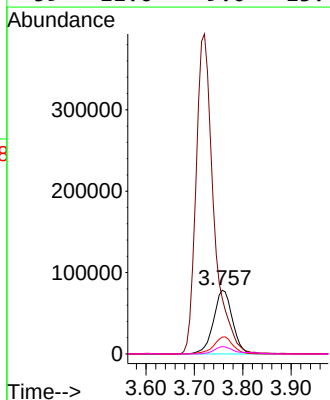
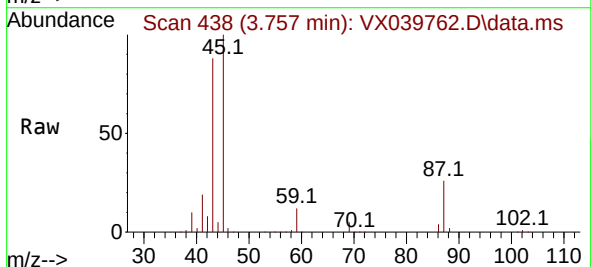
Manual Integrations
APPROVED

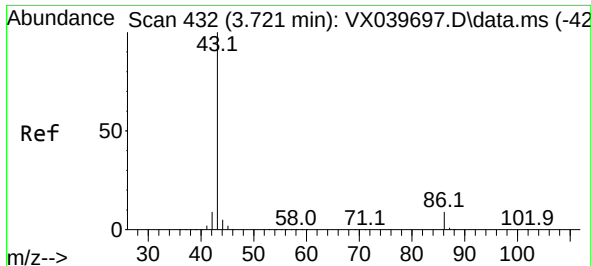
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#22
Diisopropyl ether
Concen: 45.999 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 45 Resp: 213881
Ion Ratio Lower Upper
45 100
43 87.5 69.7 104.5
87 26.4 20.8 31.2
59 11.6 9.0 13.4





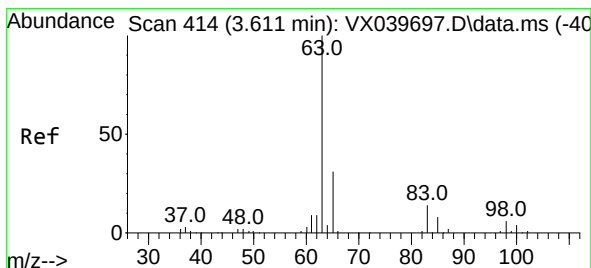
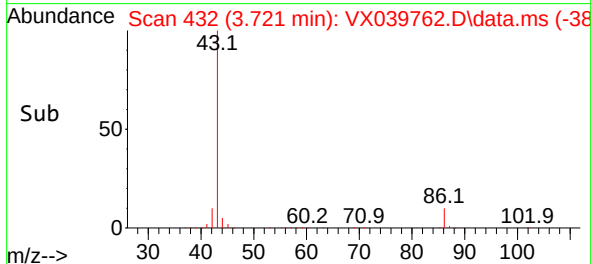
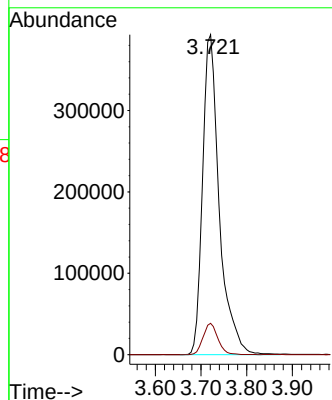
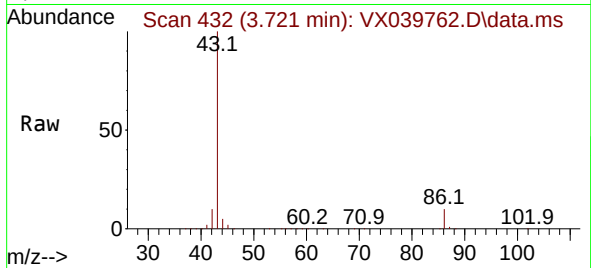
#23
 Vinyl Acetate
 Concen: 230.741 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039762.D
 Acq: 15 Jan 2024 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 997304
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

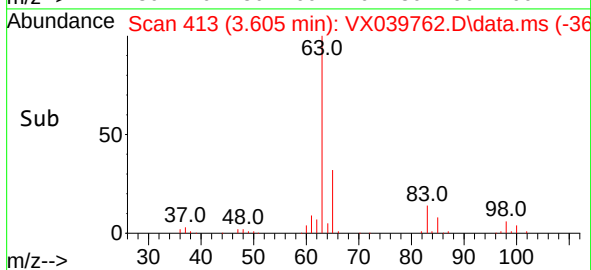
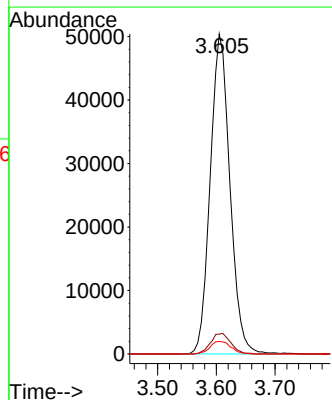
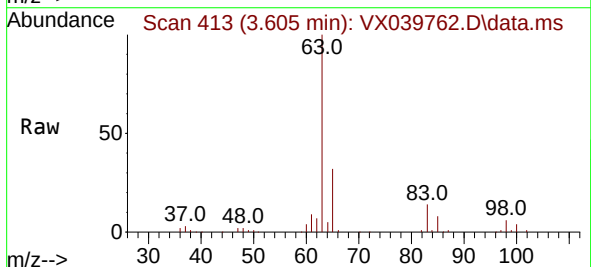
Manual Integrations
 APPROVED

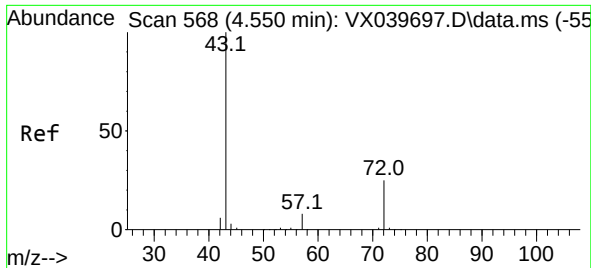
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#24
 1,1-Dichloroethane
 Concen: 45.869 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039762.D
 Acq: 15 Jan 2024 17:49

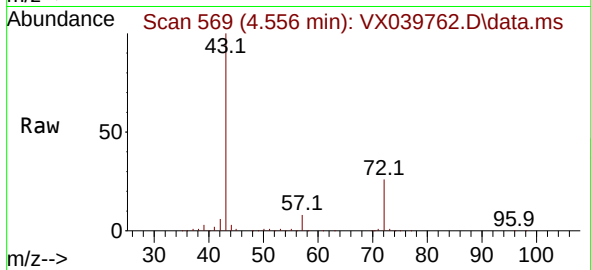
Tgt Ion: 63 Resp: 117333
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 217.668 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

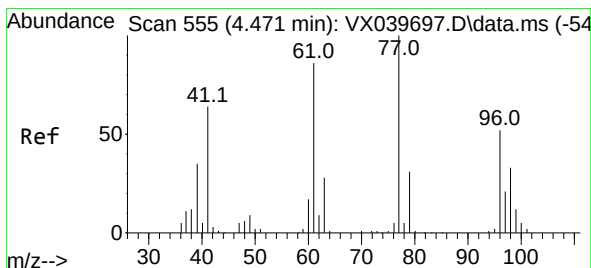
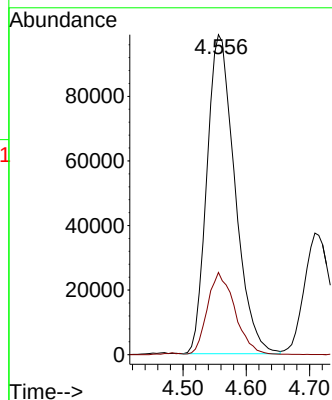
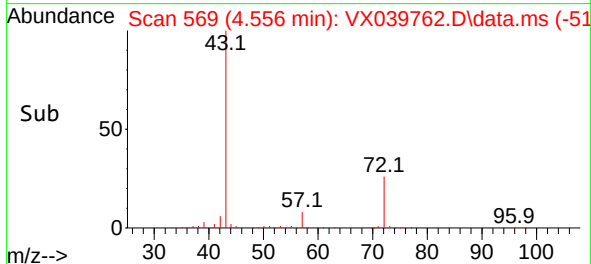
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30310
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

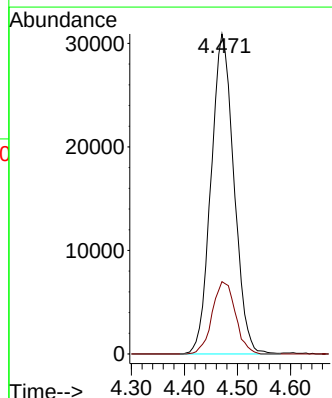
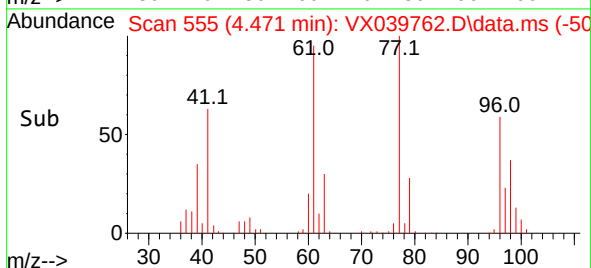
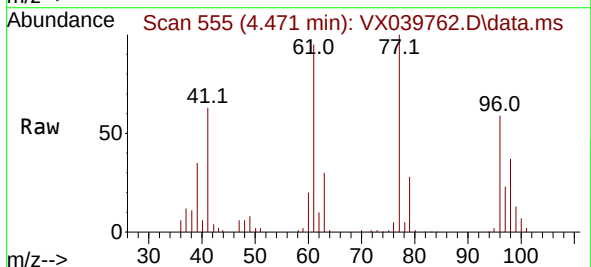
Manual Integrations
APPROVED

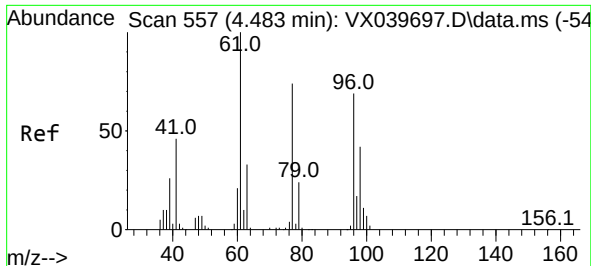
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#26
2,2-Dichloropropane
Concen: 45.115 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

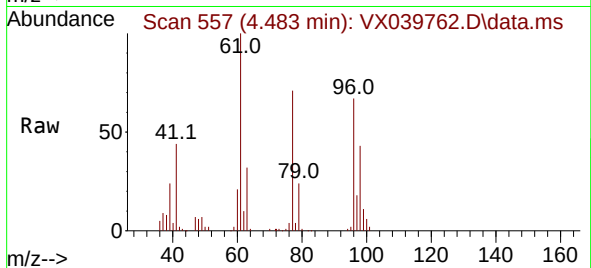
Tgt Ion: 77 Resp: 92621
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 45.915 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX039762.D
 Acq: 15 Jan 2024 17:49

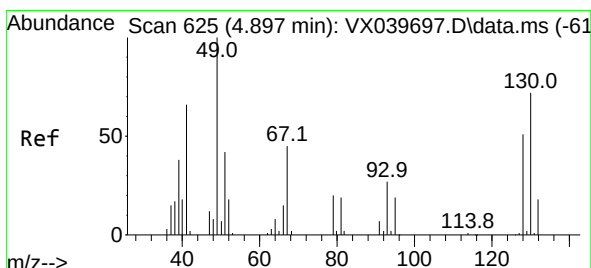
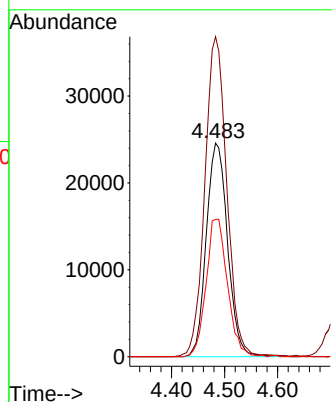
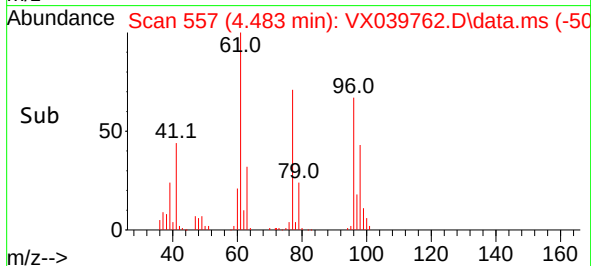
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 68600
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 312.2
 98 64.7 0.0 129.0

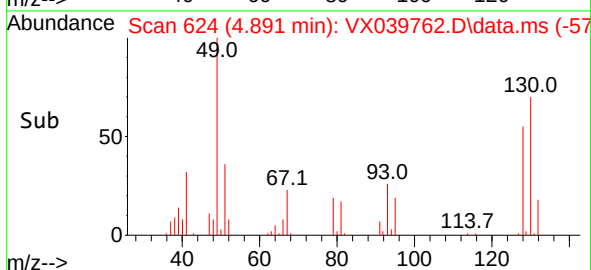
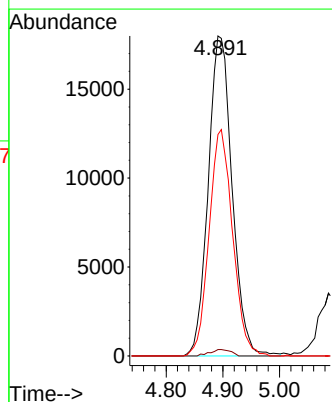
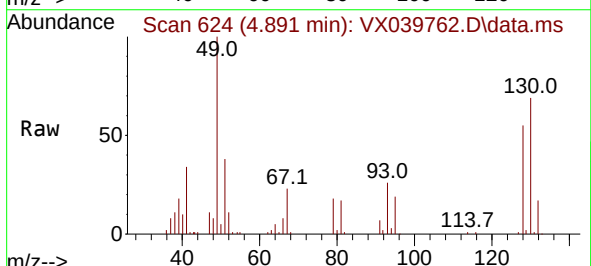
Manual Integrations
 APPROVED

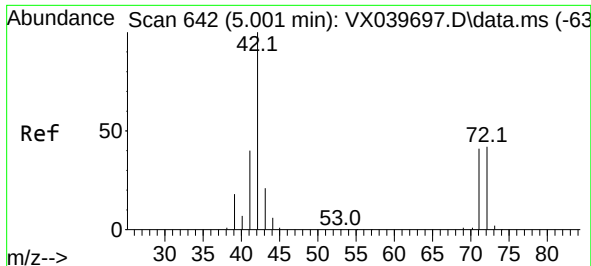
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#28
 Bromochloromethane
 Concen: 45.486 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX039762.D
 Acq: 15 Jan 2024 17:49

Tgt Ion: 49 Resp: 52742
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 69.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 215.224 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19290

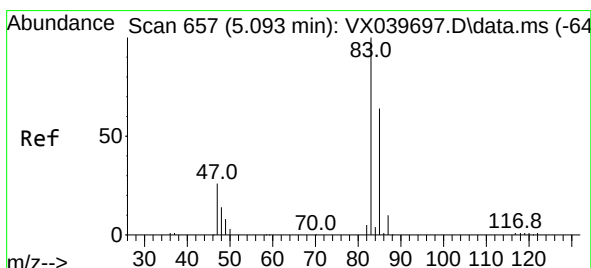
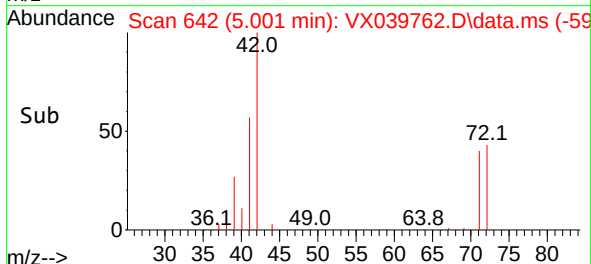
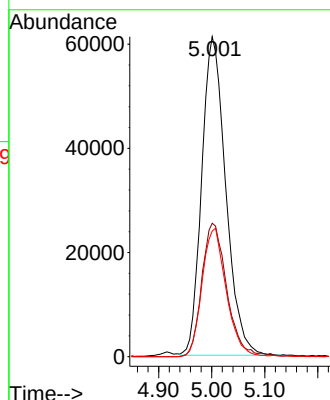
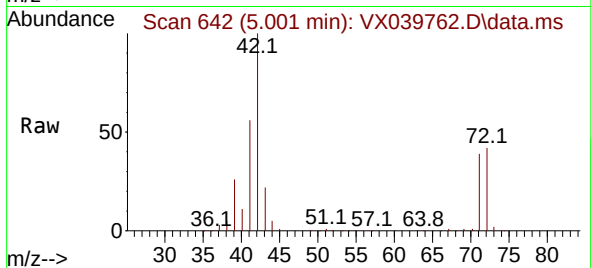
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.2	51.4
71	40.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#30

Chloroform

Concen: 46.690 ug/l

RT: 5.086 min Scan# 656

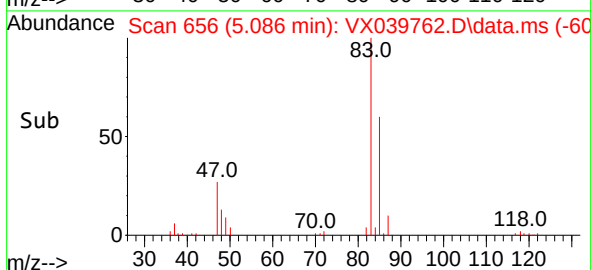
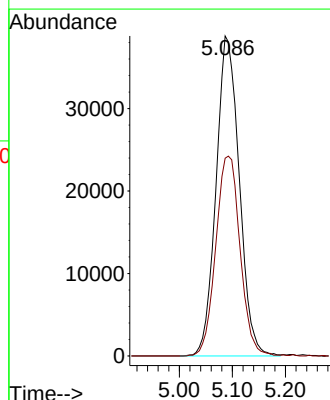
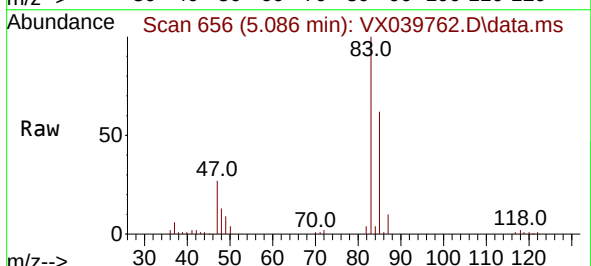
Delta R.T. -0.006 min

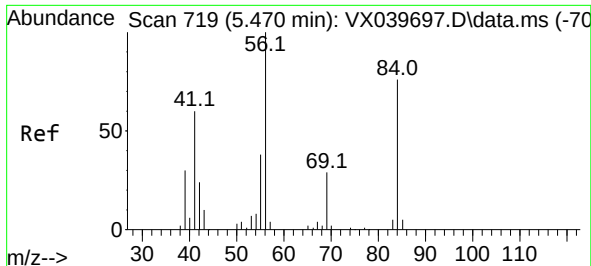
Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion: 83 Resp: 117903

Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.3	75.5





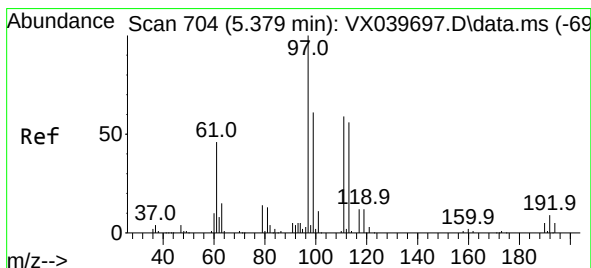
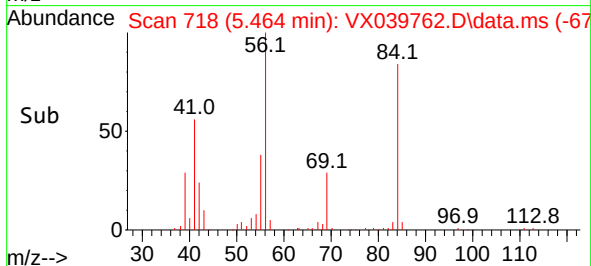
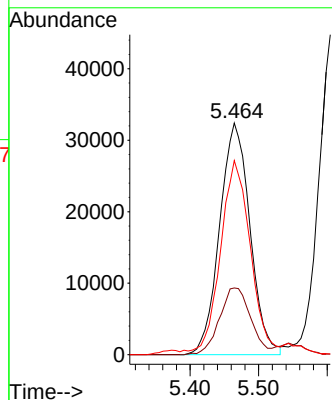
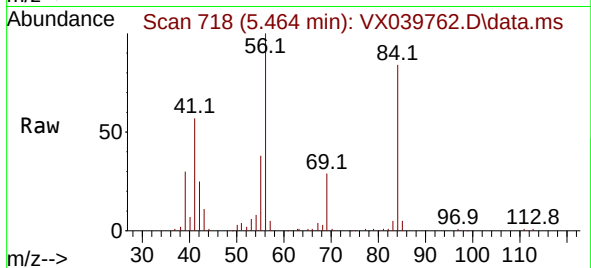
#31
Cyclohexane
Concen: 43.909 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 99840
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 82.4 65.9 98.9

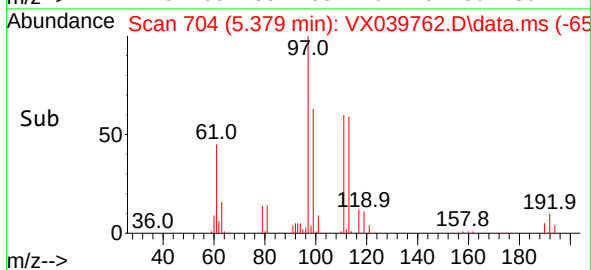
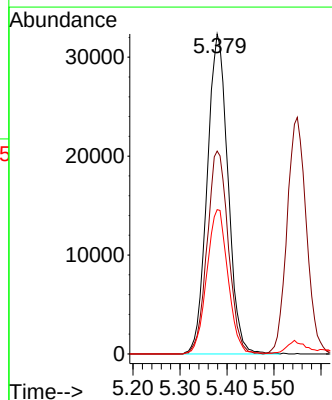
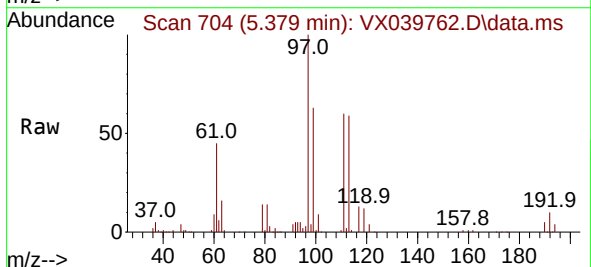
Manual Integrations
APPROVED

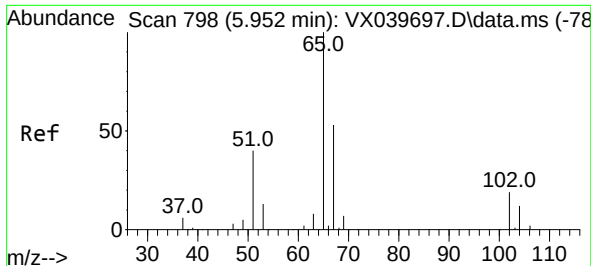
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#32
1,1,1-Trichloroethane
Concen: 45.918 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 97 Resp: 99269
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.849 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 77274

Ion Ratio Lower Upper

65 100

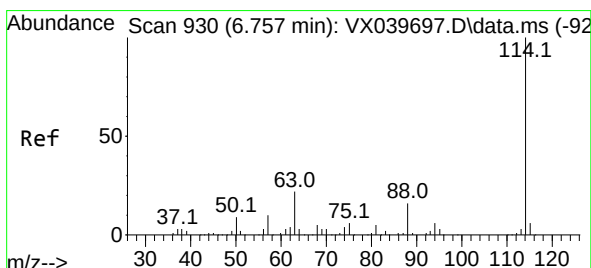
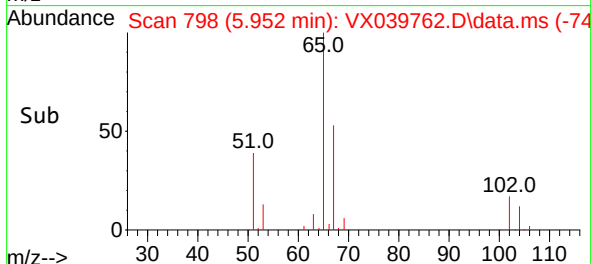
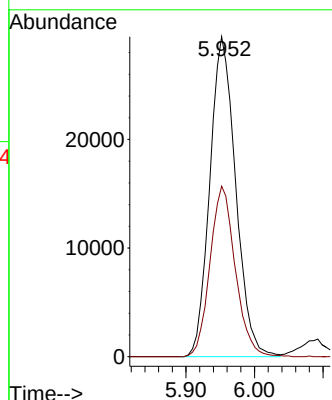
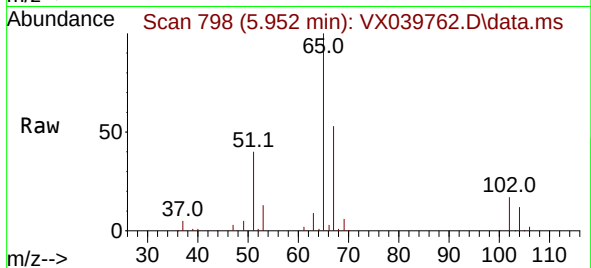
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

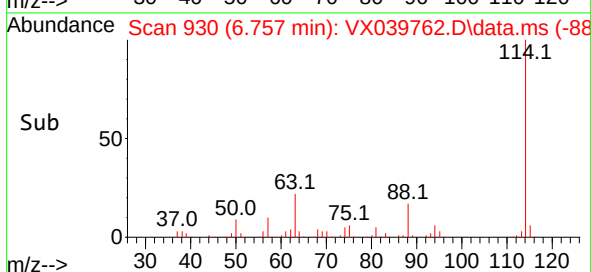
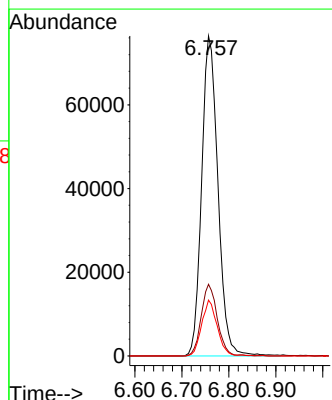
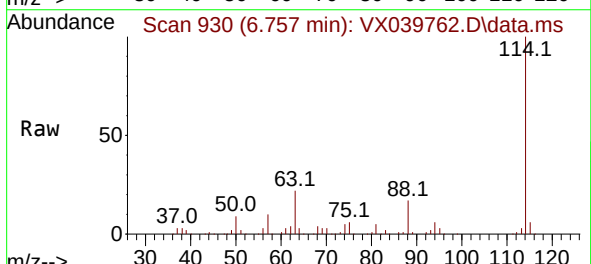
Tgt Ion:114 Resp: 184061

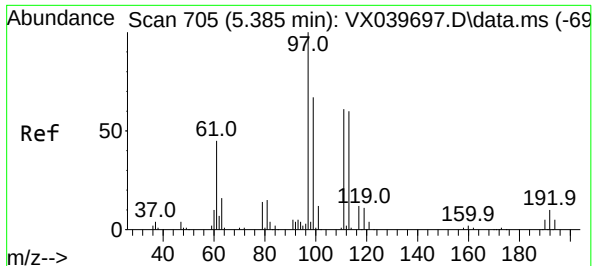
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 17.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.526 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

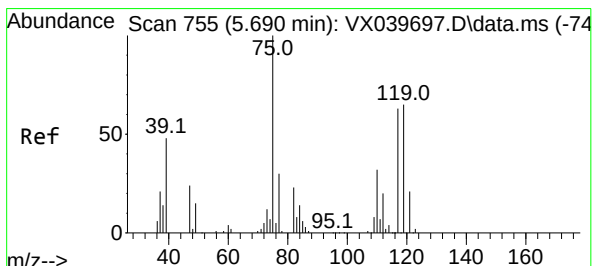
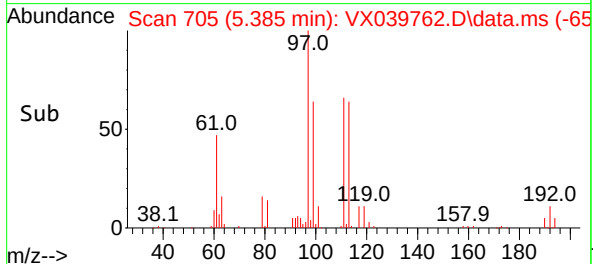
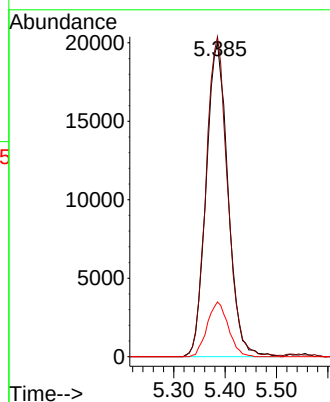
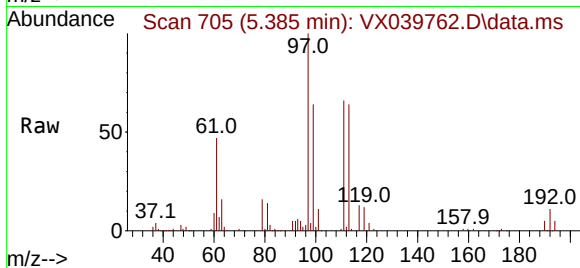
Tgt Ion:	113	Resp:	58920
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.9	124.3
192	16.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#36

1,1-Dichloropropene

Concen: 43.559 ug/l

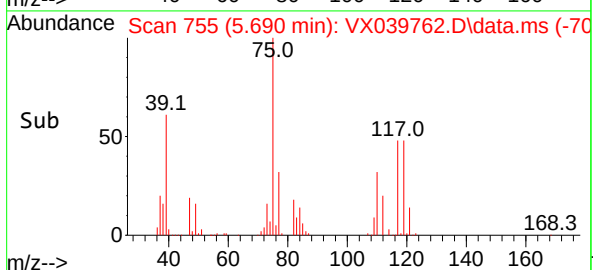
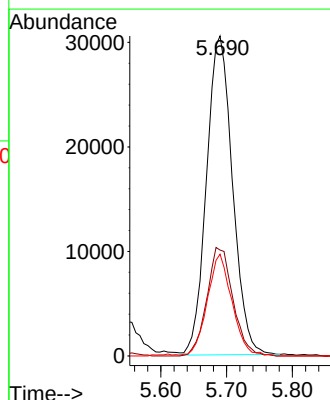
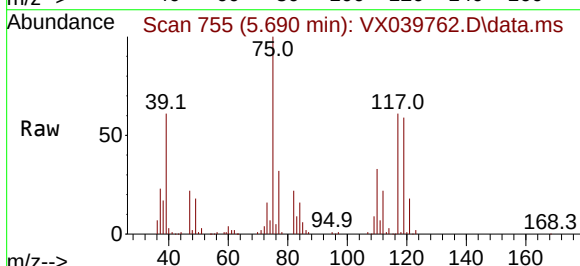
RT: 5.690 min Scan# 755

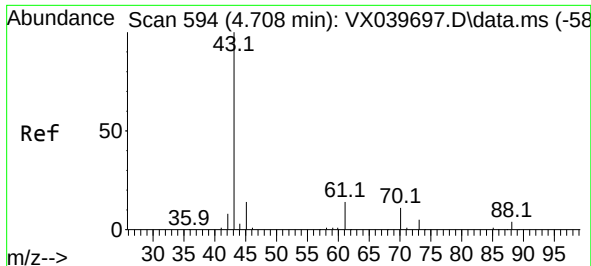
Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

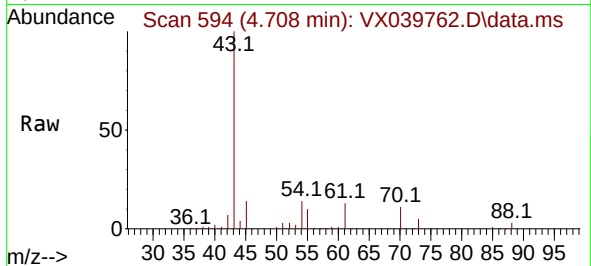
Tgt Ion:	75	Resp:	84056
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.0	50.9
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 43.249 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

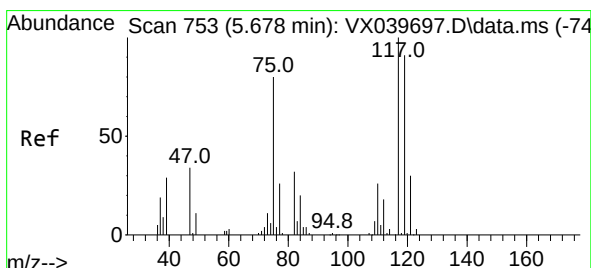
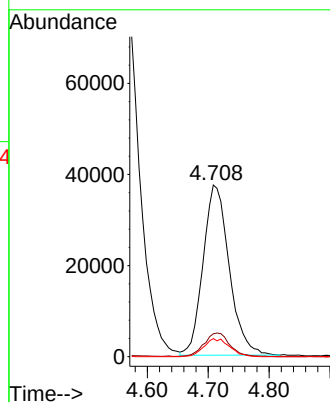
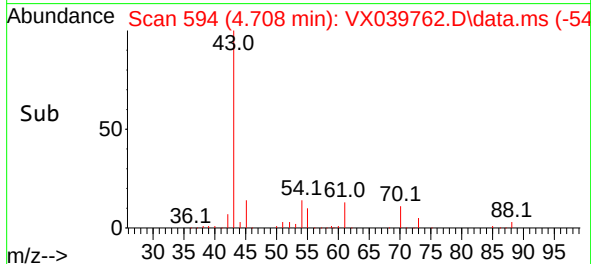
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 111339
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.4 8.3 12.5

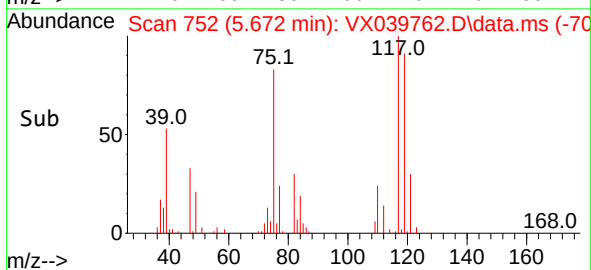
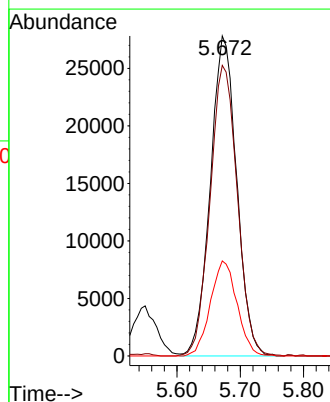
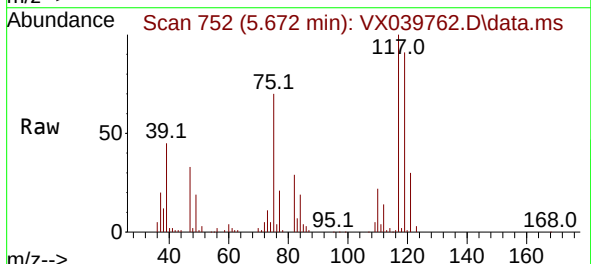
Manual Integrations
APPROVED

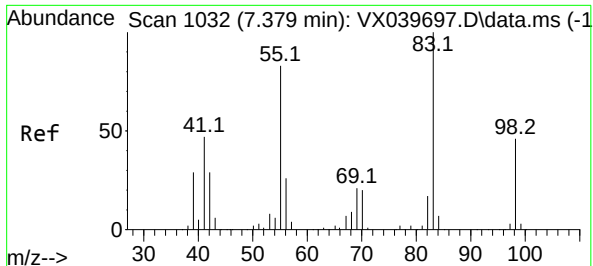
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#38
Carbon Tetrachloride
Concen: 45.484 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion:117 Resp: 80388
Ion Ratio Lower Upper
117 100
119 90.6 78.2 117.2
121 29.7 24.4 36.6





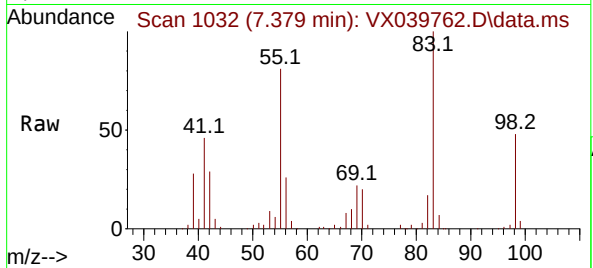
#39
Methylcyclohexane
Concen: 43.795 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



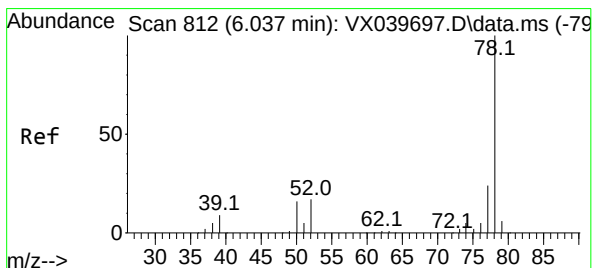
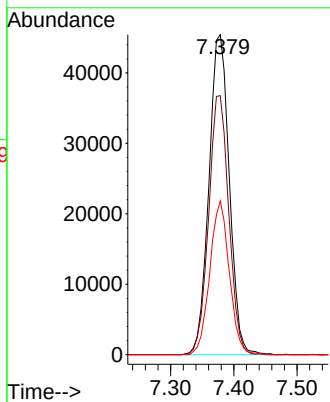
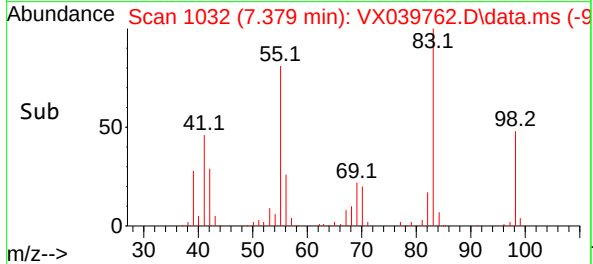
Tgt Ion: 83 Resp: 10148
Ion Ratio Lower Upper
83 100
55 81.0 64.6 97.0
98 48.0 36.7 55.1

Manual Integrations

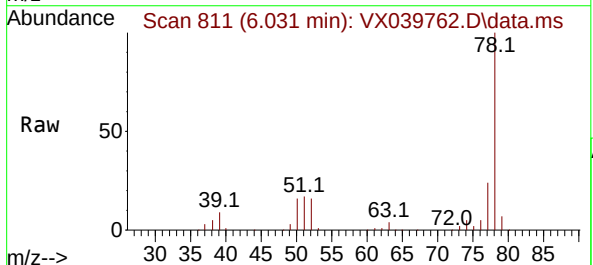
APPROVED

Reviewed By :John Carlone 01/16/2024

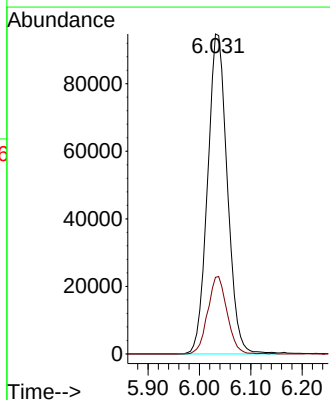
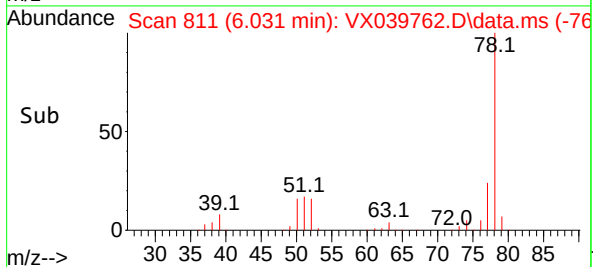
Supervised By :Mahesh Dadoda 01/16/2024

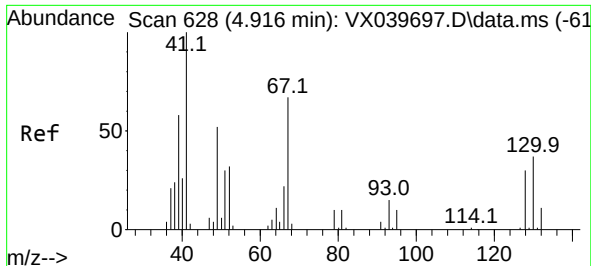


#40
Benzene
Concen: 46.282 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49



Tgt Ion: 78 Resp: 252894
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 46.290 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

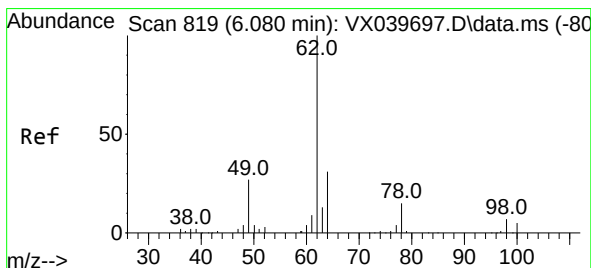
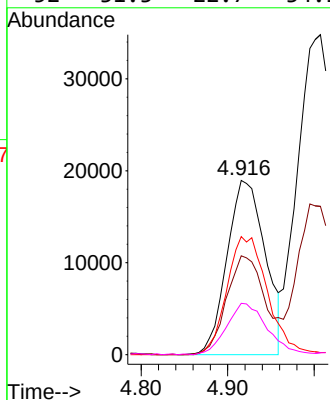
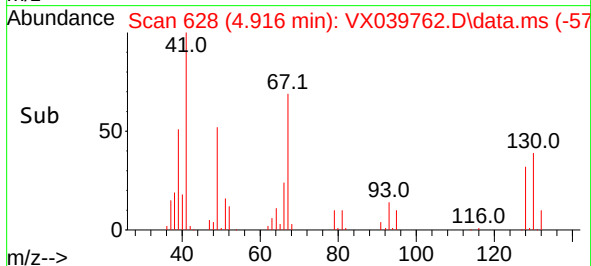
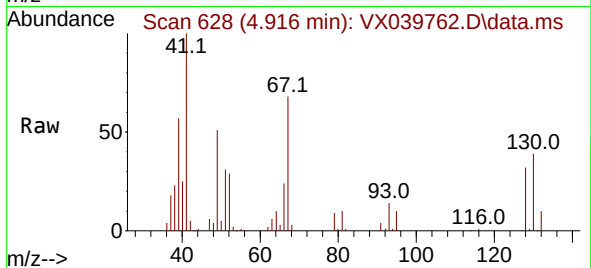
Tgt Ion: 41 Resp: 58274
Ion Ratio Lower Upper
41 100
39 58.8 45.2 67.8
67 72.1 52.6 78.8
52 31.3 22.7 34.1

Manual Integrations

APPROVED

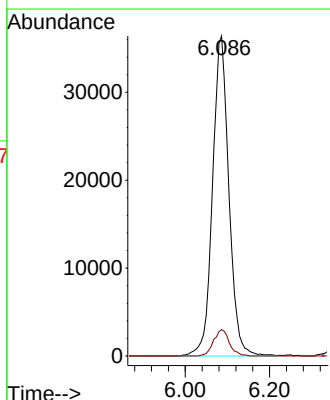
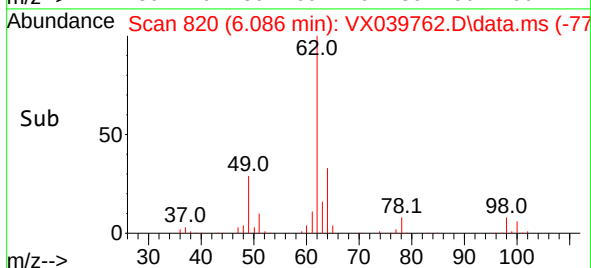
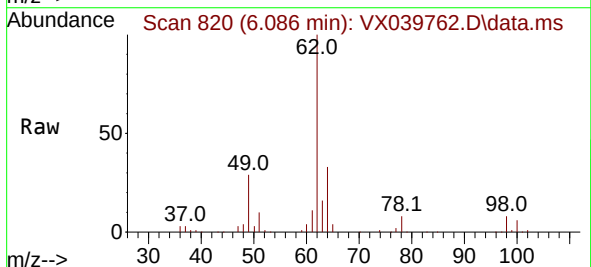
Reviewed By :John Carlone 01/16/2024

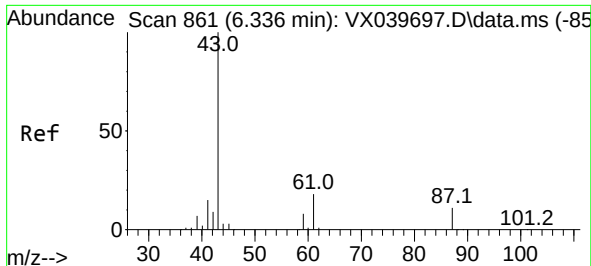
Supervised By :Mahesh Dadoda 01/16/2024



#42
1,2-Dichloroethane
Concen: 47.085 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

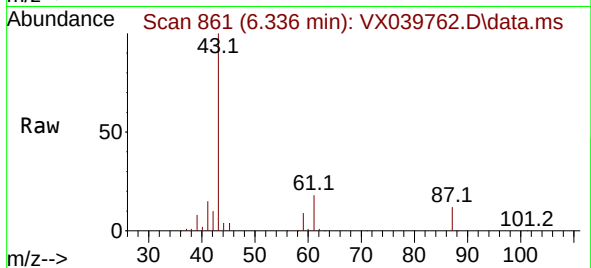
Tgt Ion: 62 Resp: 97815
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 46.100 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

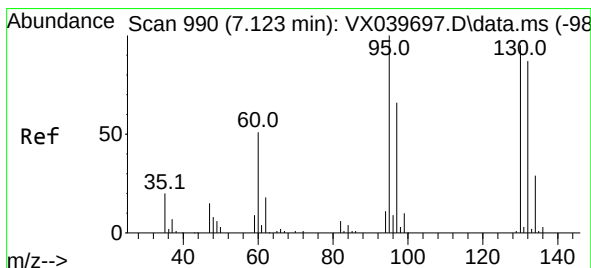
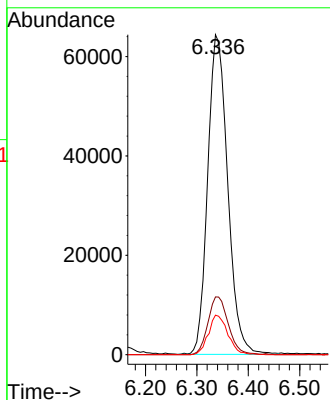
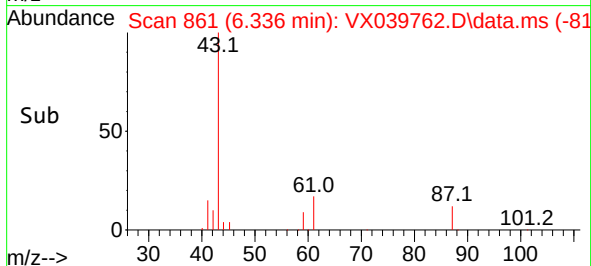
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17409
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.0 9.8 14.6

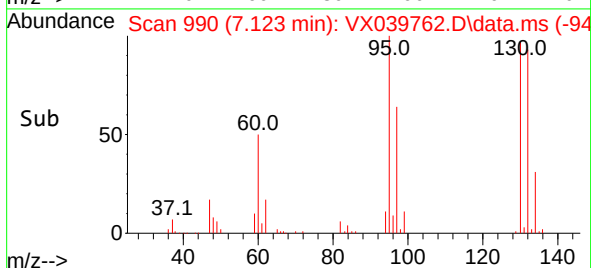
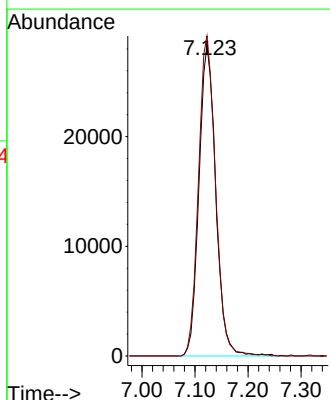
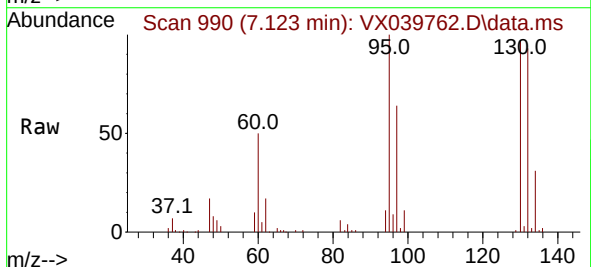
Manual Integrations
APPROVED

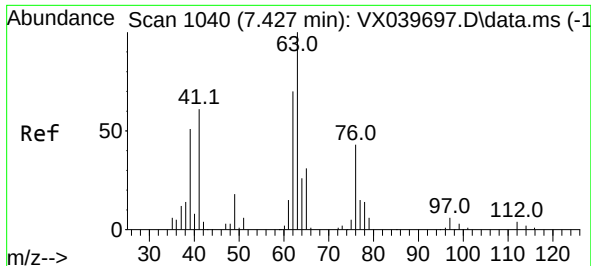
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#44
Trichloroethene
Concen: 46.635 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion:130 Resp: 62451
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.4





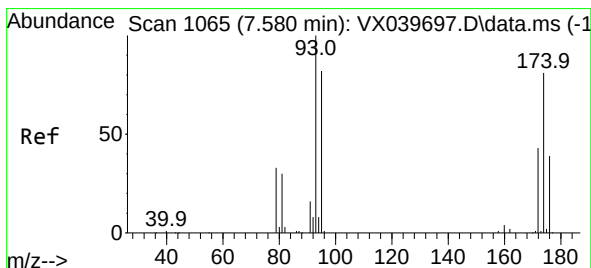
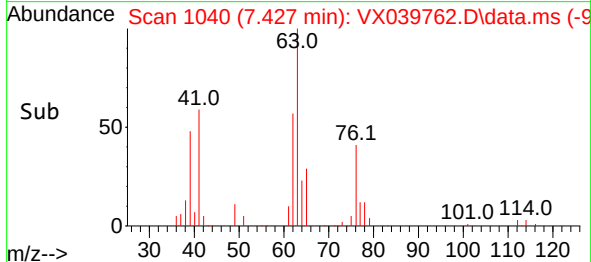
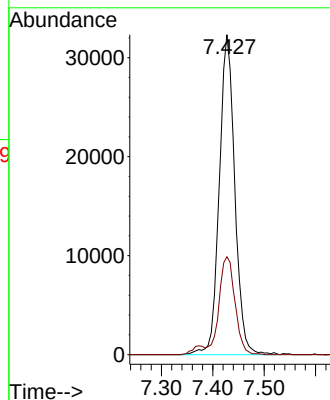
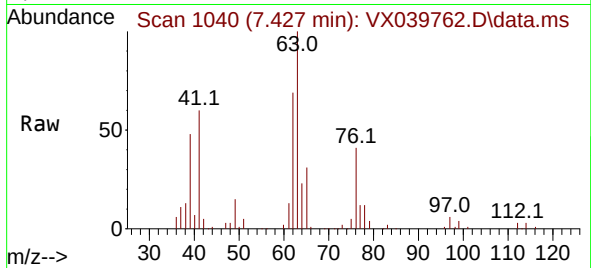
#45
1,2-Dichloropropane
Concen: 46.242 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 6778
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5

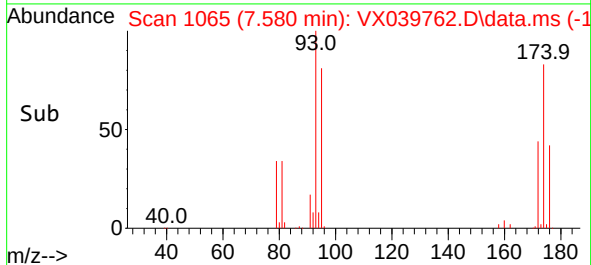
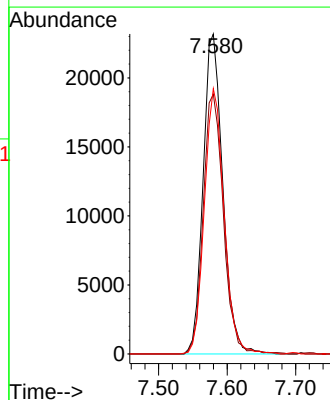
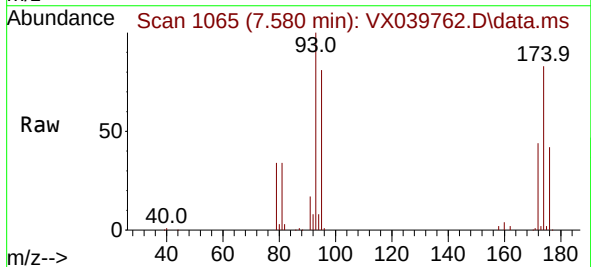
Manual Integrations
APPROVED

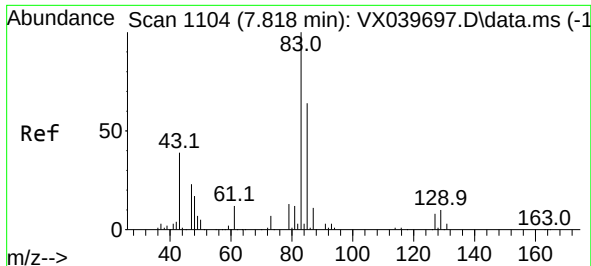
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#46
Dibromomethane
Concen: 45.728 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

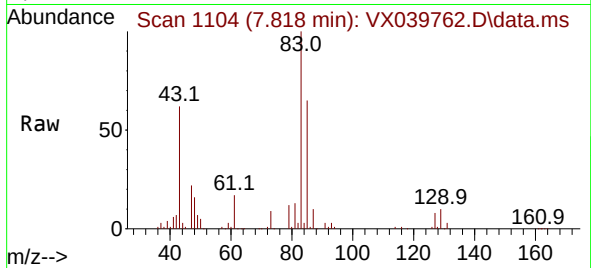
Tgt Ion: 93 Resp: 46297
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 83.5 69.4 104.0





#47
Bromodichloromethane
Concen: 46.923 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

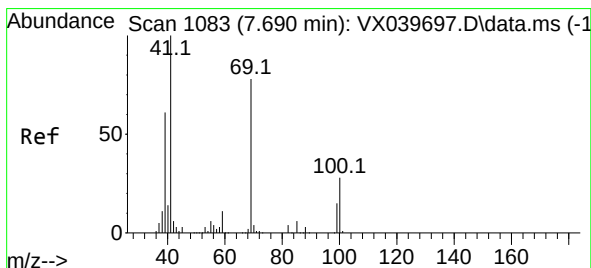
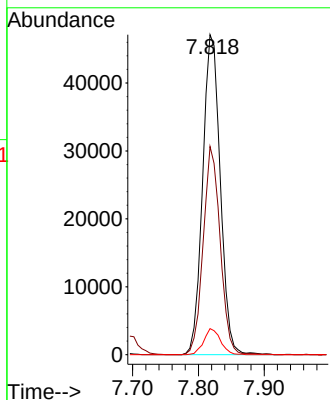
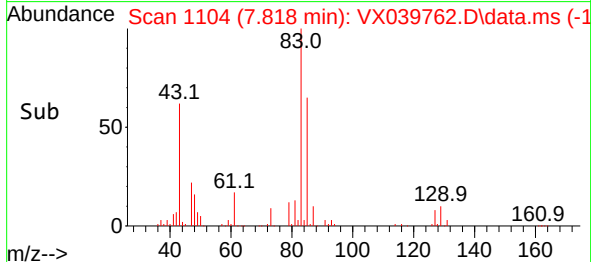
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



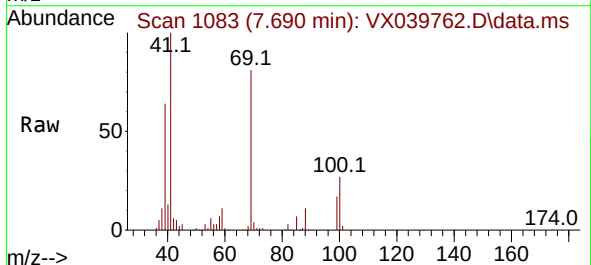
Tgt Ion: 83 Resp: 87984
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 8.1 7.1 10.7

Manual Integrations
APPROVED

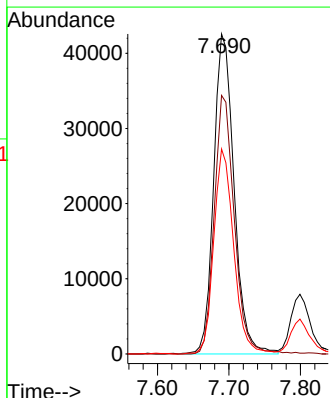
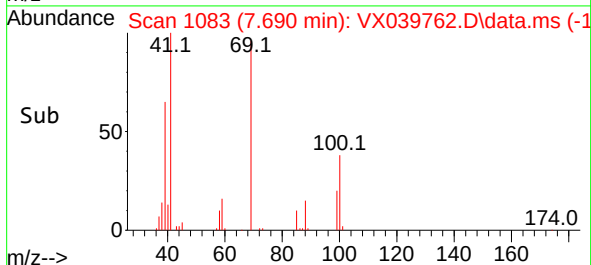
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

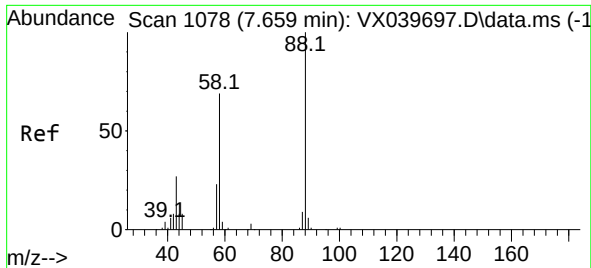


#48
Methyl methacrylate
Concen: 45.467 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49



Tgt Ion: 41 Resp: 84398
Ion Ratio Lower Upper
41 100
69 79.6 59.2 88.8
39 62.6 47.7 71.5





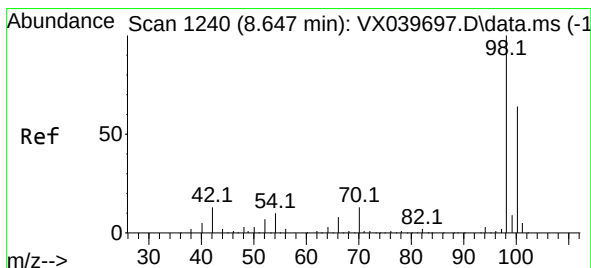
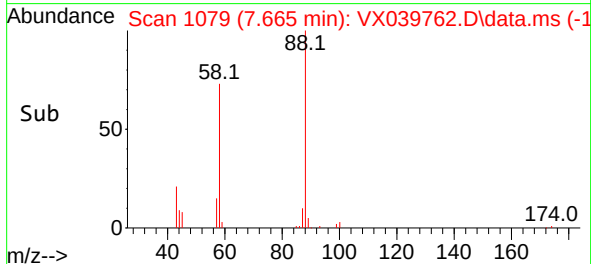
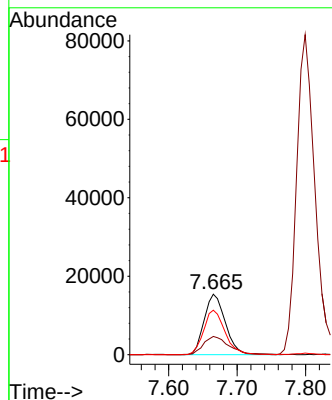
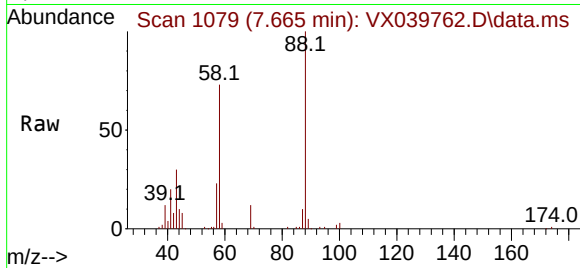
#49
1,4-Dioxane
Concen: 925.803 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3325
Ion Ratio Lower Upper
88 100
43 35.6 0.0 0.0
58 74.1 60.1 90.1

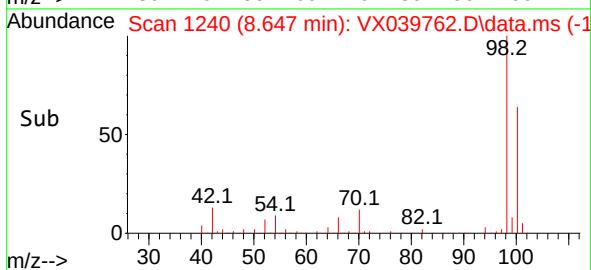
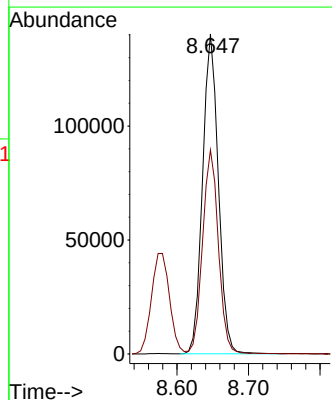
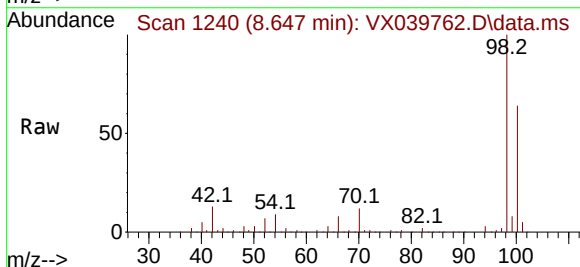
Manual Integrations
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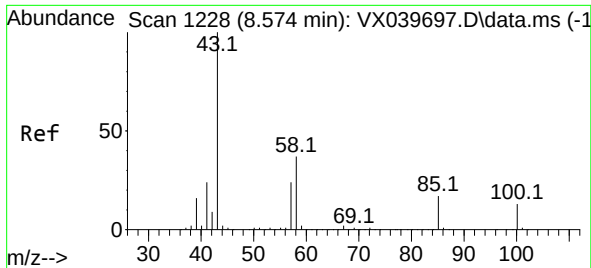
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#50
Toluene-d8
Concen: 45.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 98 Resp: 214709
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





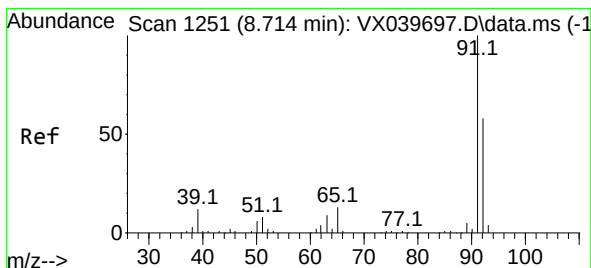
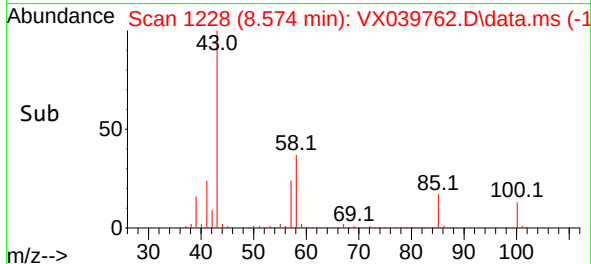
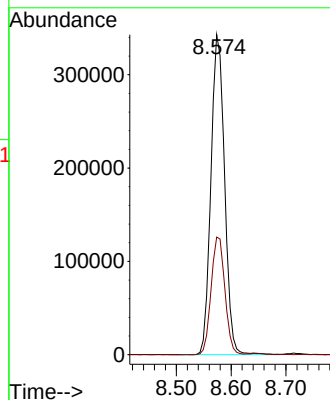
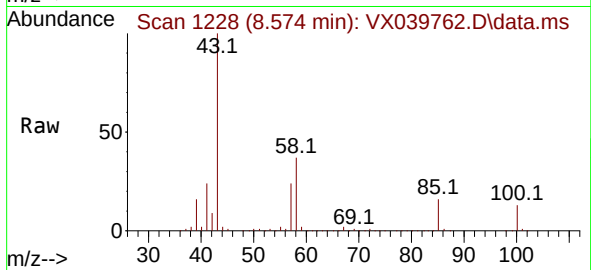
#51
4-Methyl-2-Pentanone
Concen: 227.520 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 591750
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

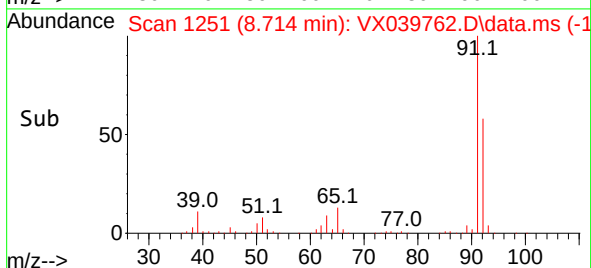
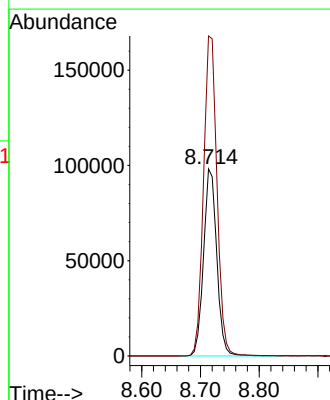
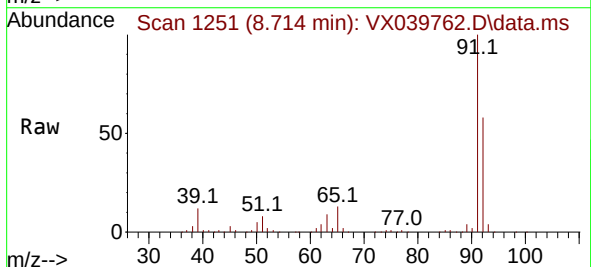
Manual Integrations
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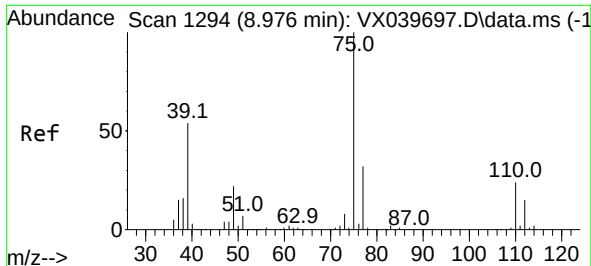
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#52
Toluene
Concen: 46.994 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 92 Resp: 153376
Ion Ratio Lower Upper
92 100
91 174.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.401 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 92324

Ion Ratio Lower Upper

75 100

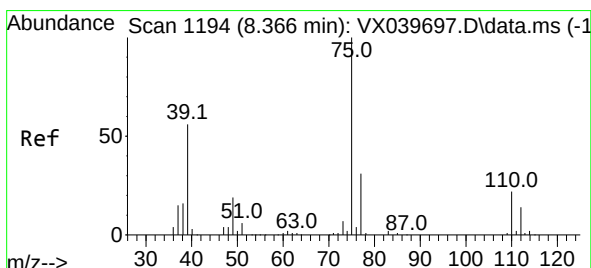
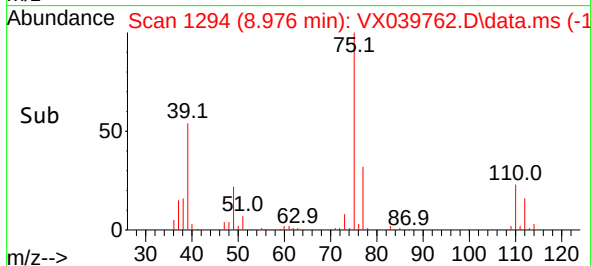
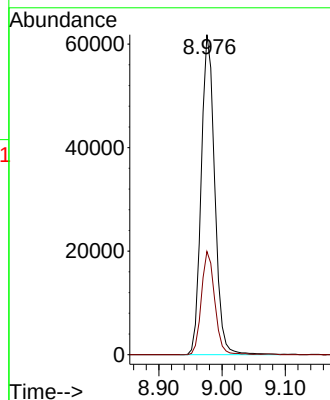
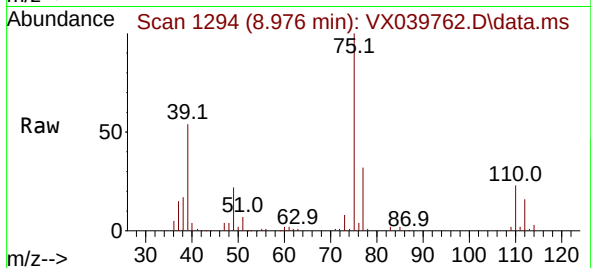
77 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#54

cis-1,3-Dichloropropene

Concen: 46.703 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

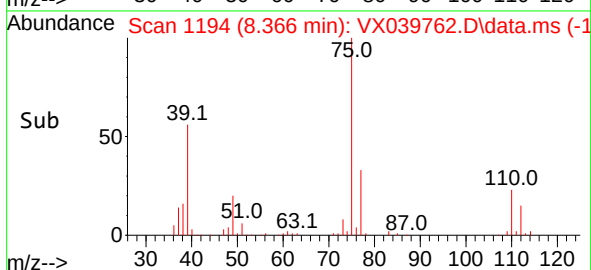
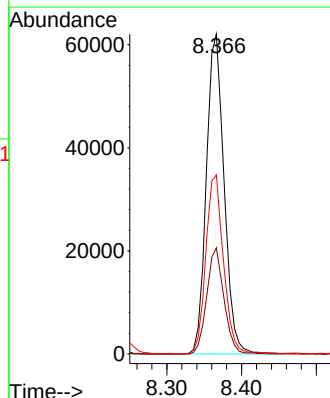
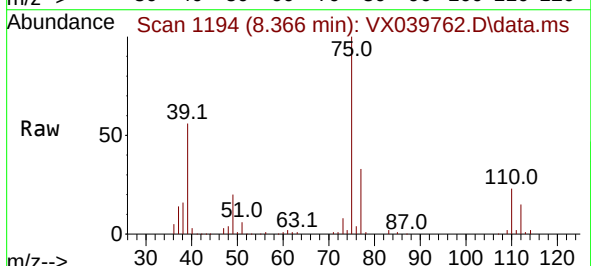
Tgt Ion: 75 Resp: 102177

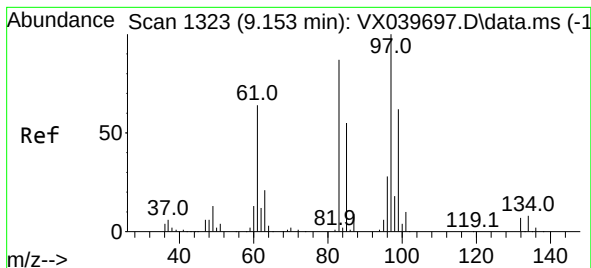
Ion Ratio Lower Upper

75 100

77 33.2 25.3 37.9

39 55.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 46.324 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 64369

Ion Ratio Lower Upper

97 100

83 89.9 65.8 98.8

85 58.2 41.6 62.4

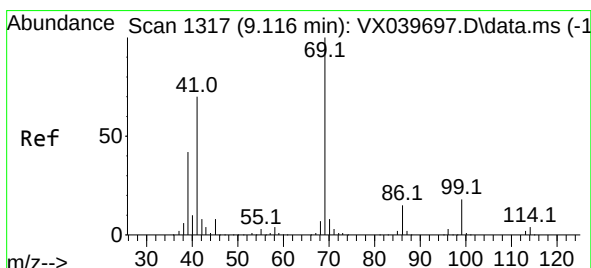
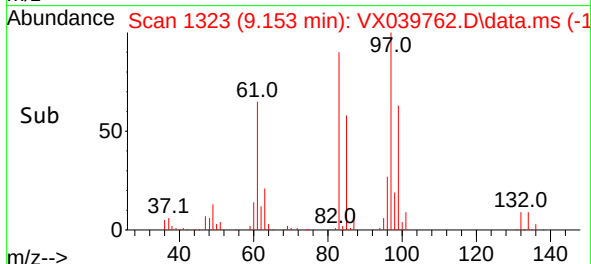
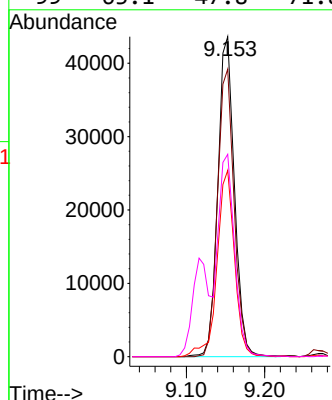
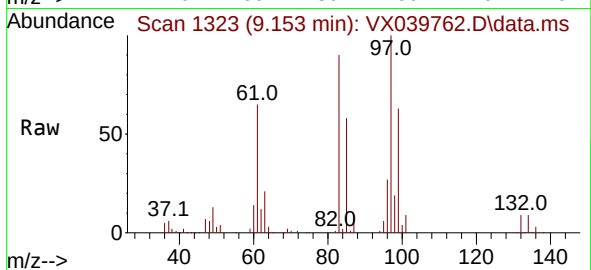
99 63.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#56

Ethyl methacrylate

Concen: 47.852 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

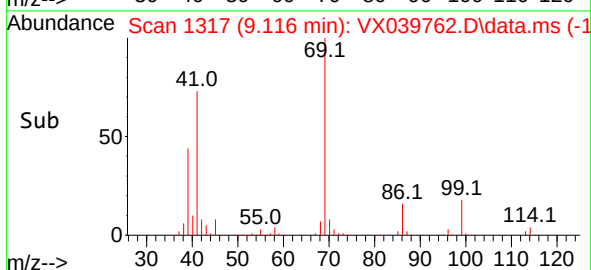
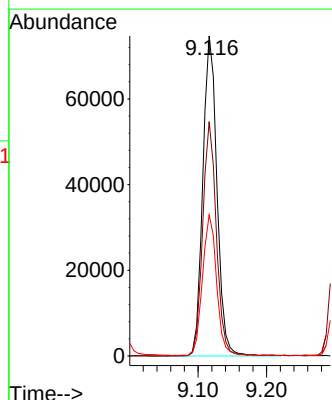
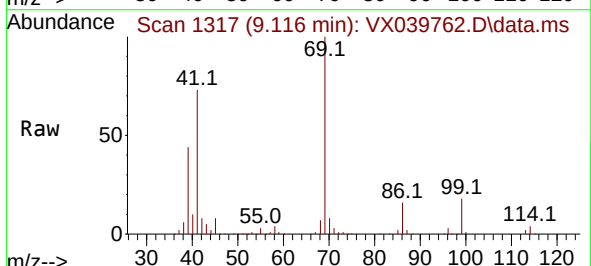
Tgt Ion: 69 Resp: 107617

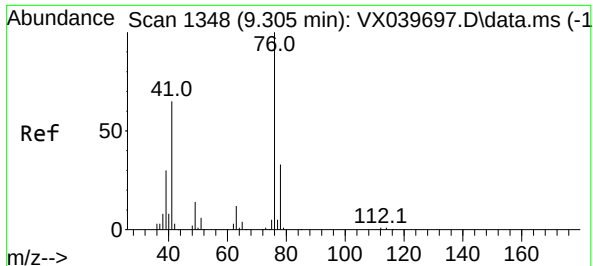
Ion Ratio Lower Upper

69 100

41 71.0 56.8 85.2

39 43.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 46.901 ug/l

RT: 9.305 min Scan# 11044

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11044

Ion Ratio Lower Upper

76 100

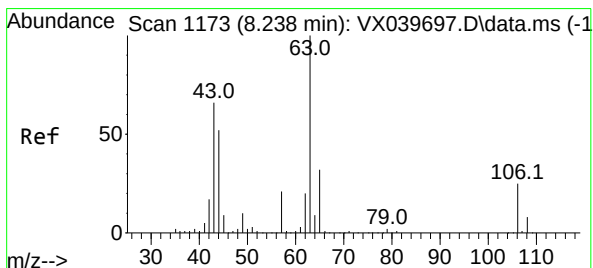
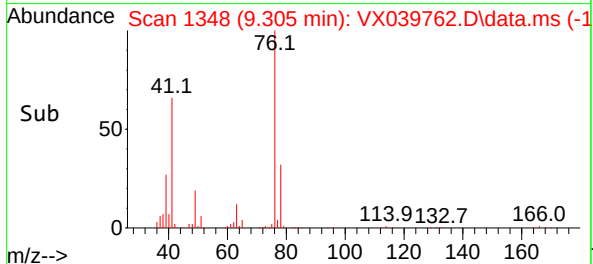
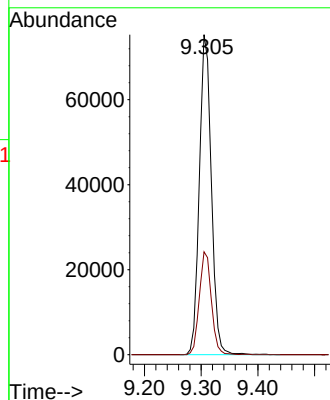
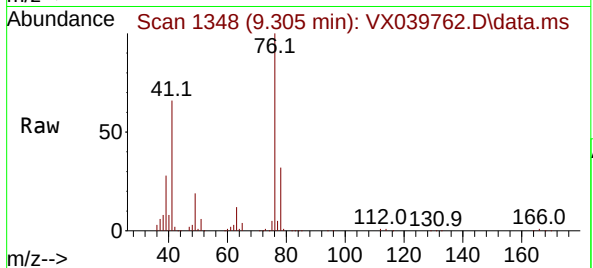
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 243.237 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039762.D

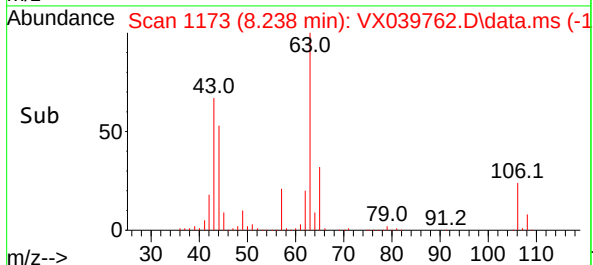
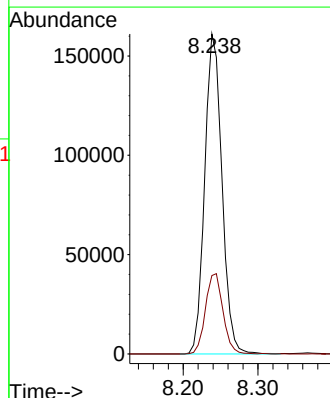
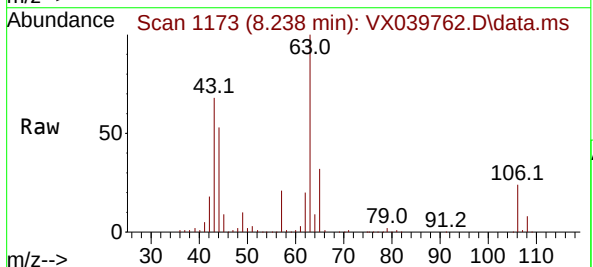
Acq: 15 Jan 2024 17:49

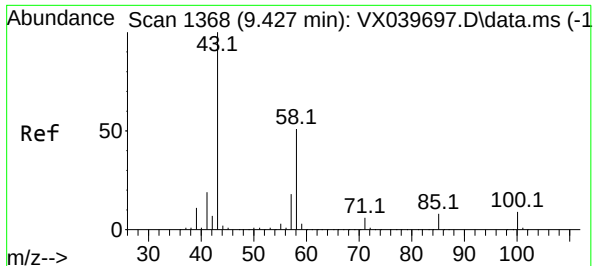
Tgt Ion: 63 Resp: 258567

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





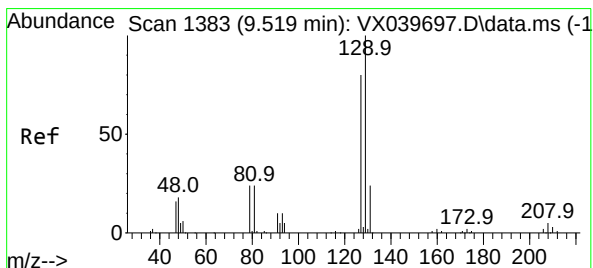
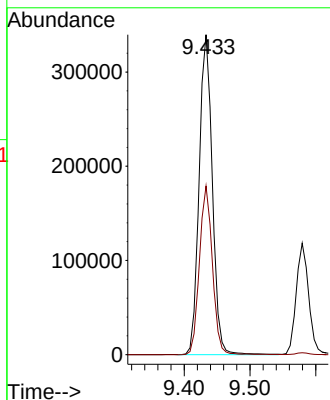
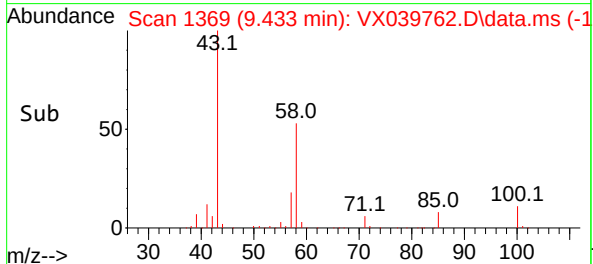
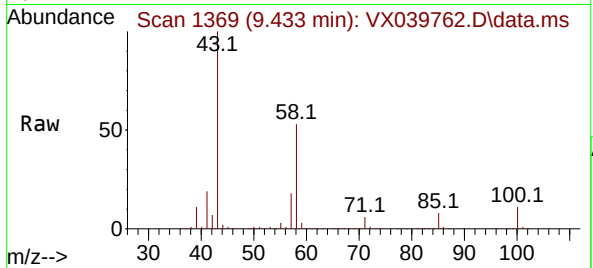
#59
2-Hexanone
Concen: 229.997 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 47344
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.5

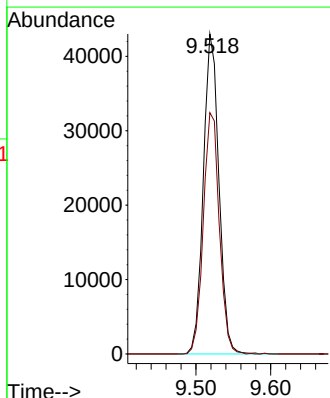
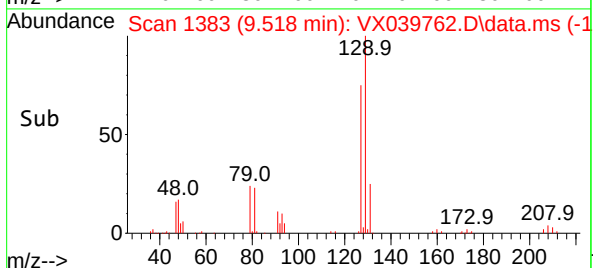
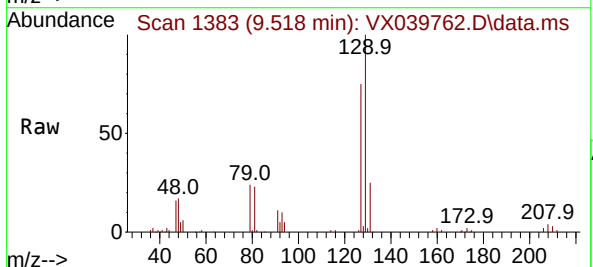
Manual Integrations
APPROVED

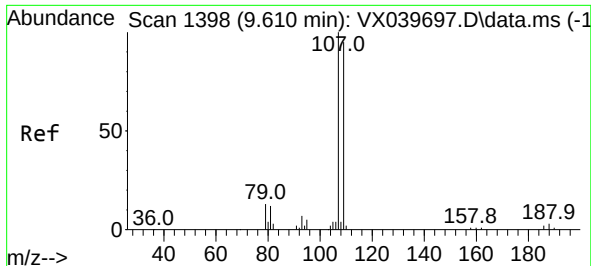
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#60
Dibromochloromethane
Concen: 47.480 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

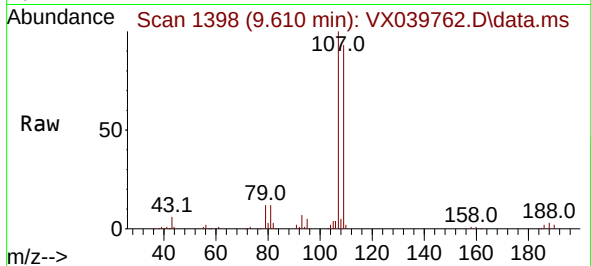
Tgt Ion:129 Resp: 62219
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.081 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

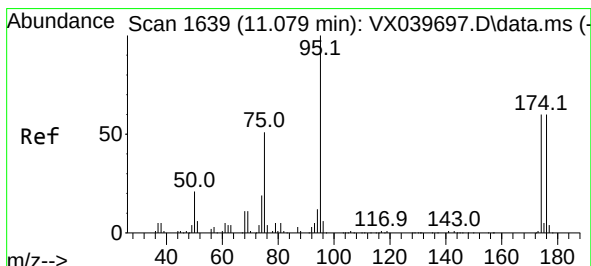
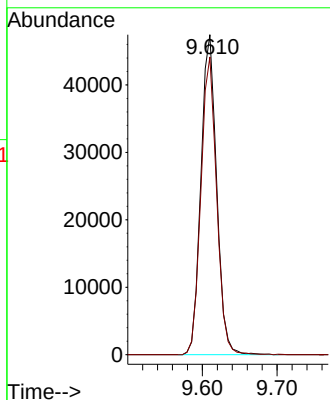
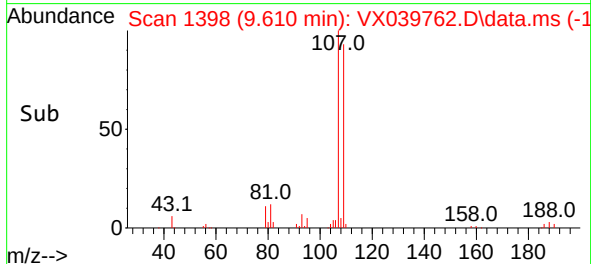
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



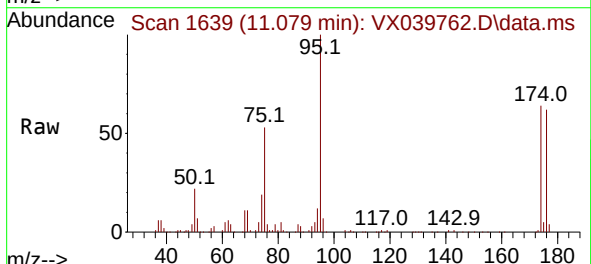
Tgt Ion:107 Resp: 6918
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

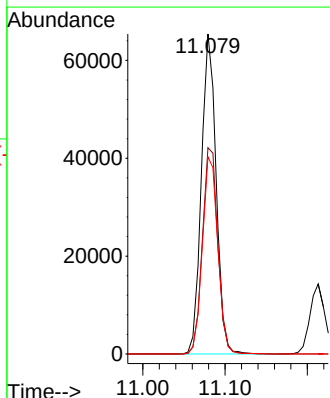
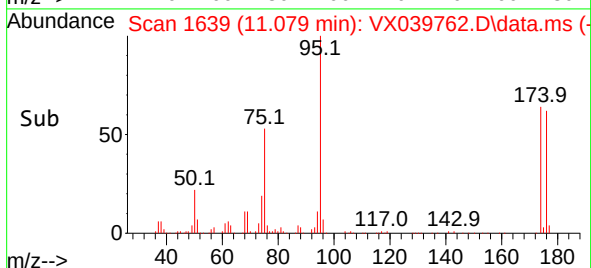
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

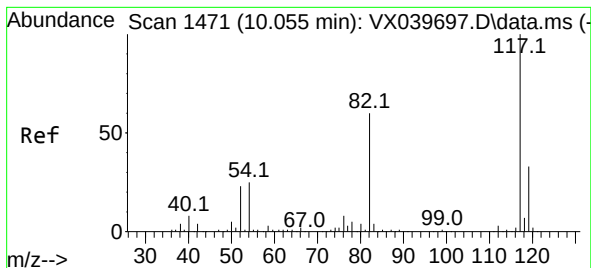


#62
4-Bromofluorobenzene
Concen: 44.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49



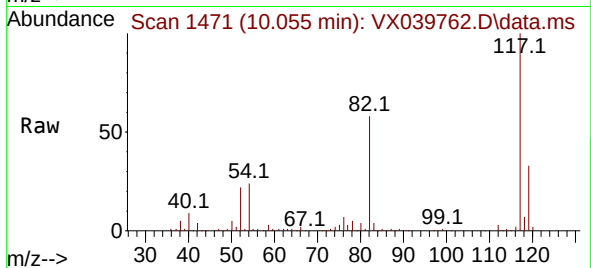
Tgt Ion: 95 Resp: 81664
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 64.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

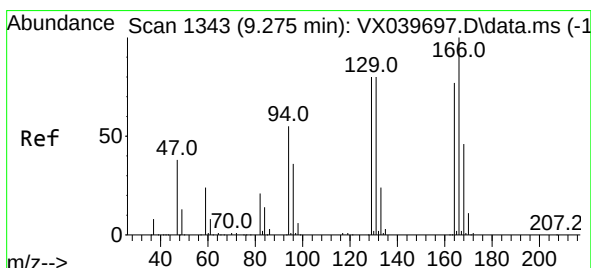
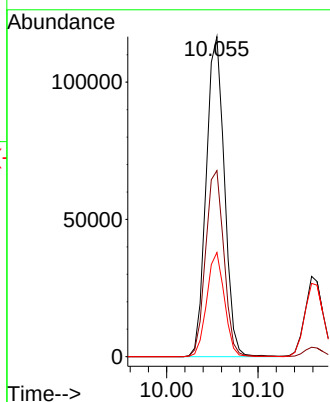
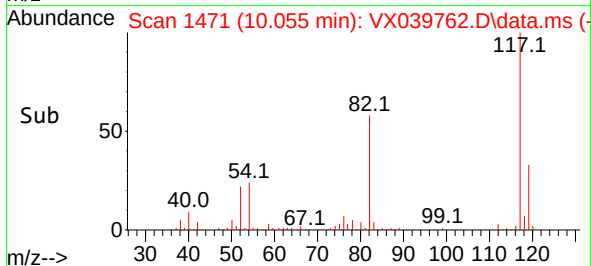
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 16096
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.6 25.5 38.3

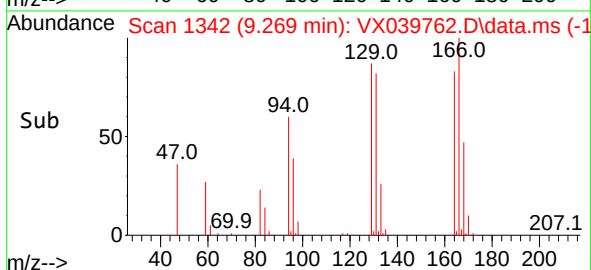
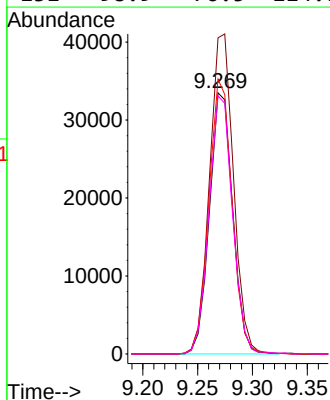
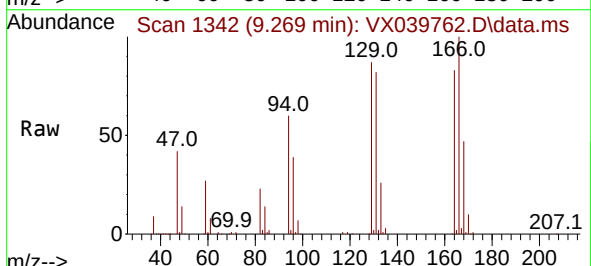
Manual Integrations
APPROVED

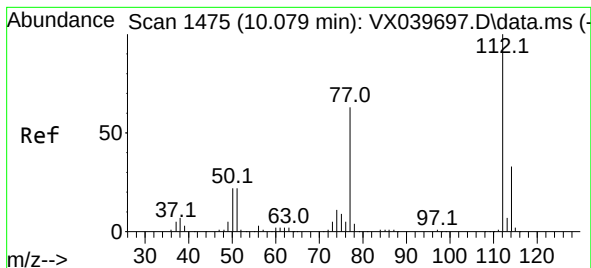
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#64
Tetrachloroethene
Concen: 47.145 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion:164 Resp: 49350
Ion Ratio Lower Upper
164 100
166 121.1 102.7 154.1
129 105.3 80.4 120.6
131 98.9 76.5 114.7





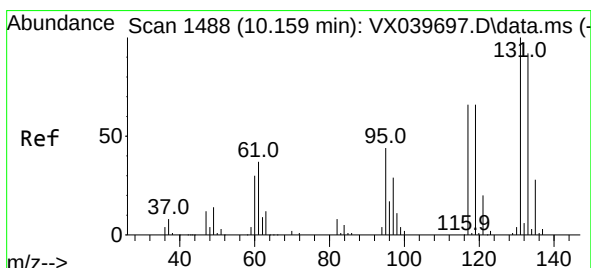
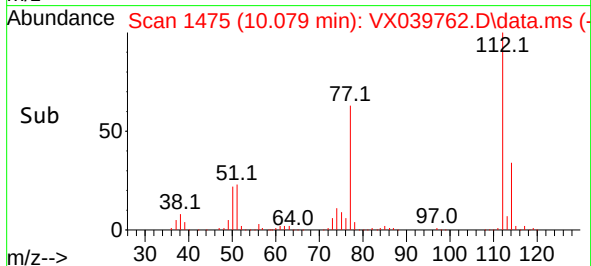
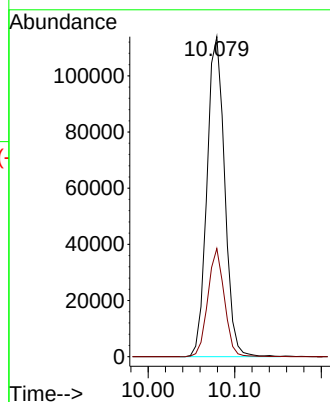
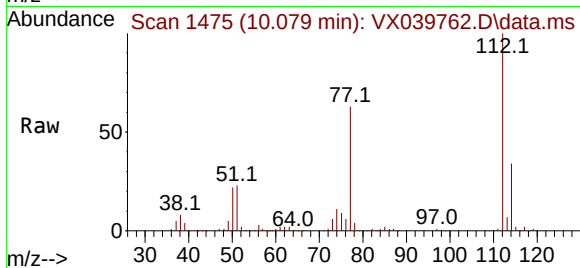
#65
Chlorobenzene
Concen: 48.206 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 161610
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5

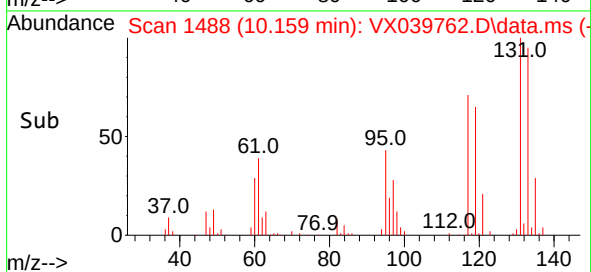
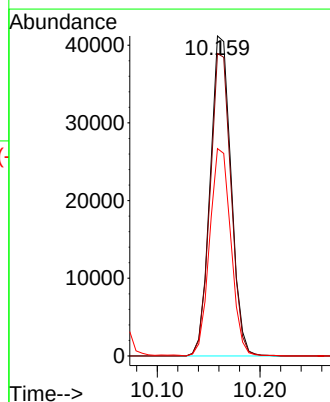
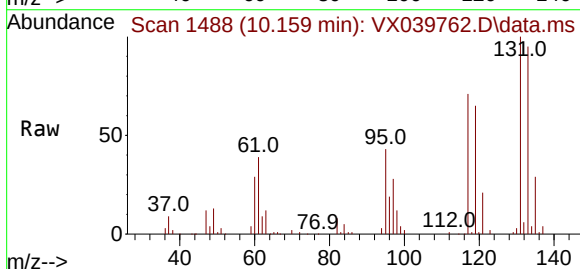
Manual Integrations
APPROVED

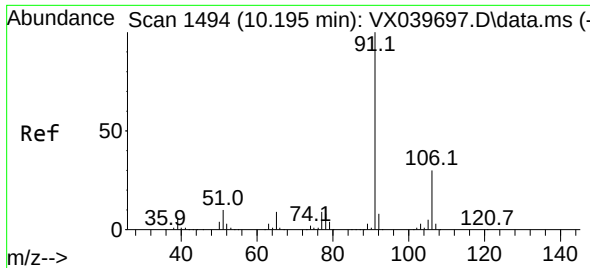
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.961 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

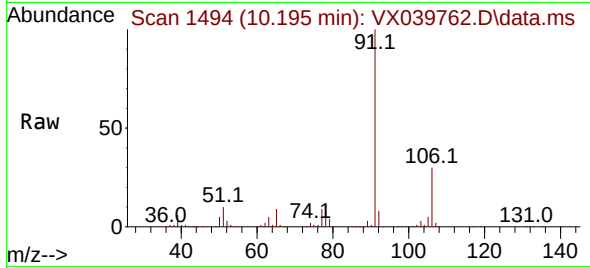
Tgt Ion:131 Resp: 58176
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 65.8 32.2 96.6





#67
Ethyl Benzene
Concen: 48.243 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

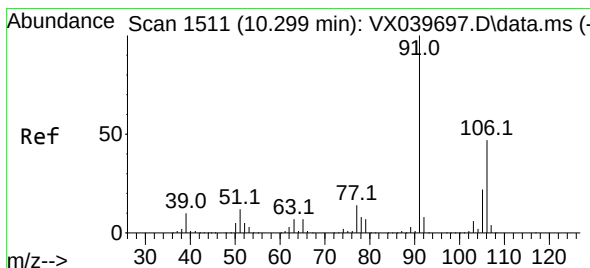
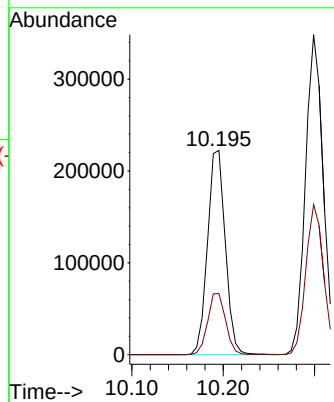
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



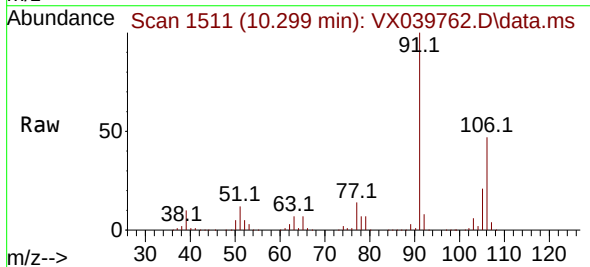
Tgt Ion: 91 Resp: 300279
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

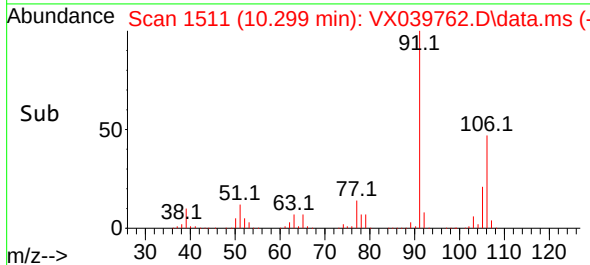
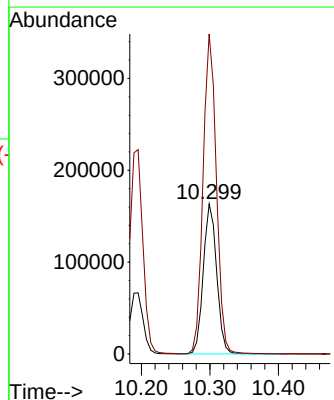
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

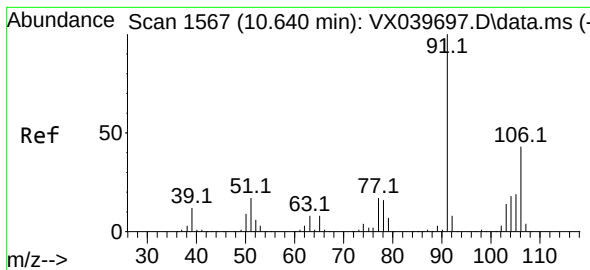


#68
m/p-Xylenes
Concen: 97.205 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49



Tgt Ion:106 Resp: 222514
Ion Ratio Lower Upper
106 100
91 212.0 165.5 248.3





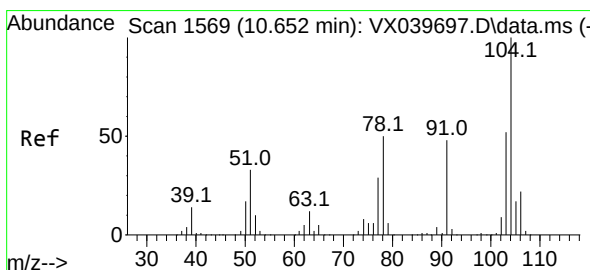
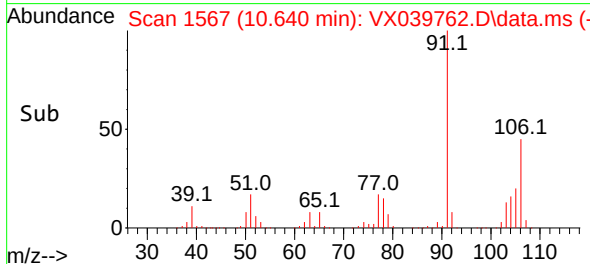
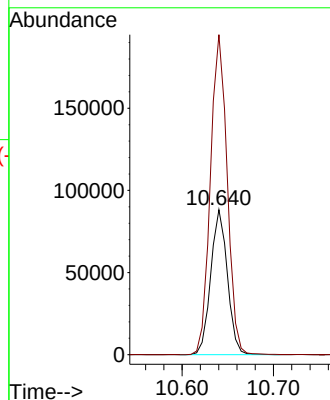
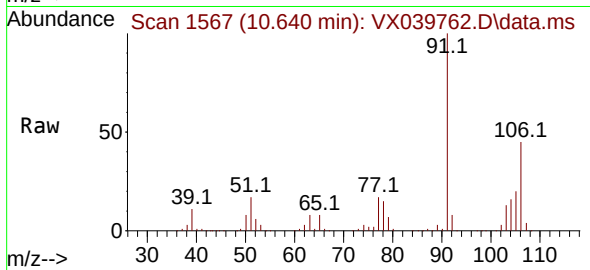
#69
o-Xylene
Concen: 49.142 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 111400
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.8

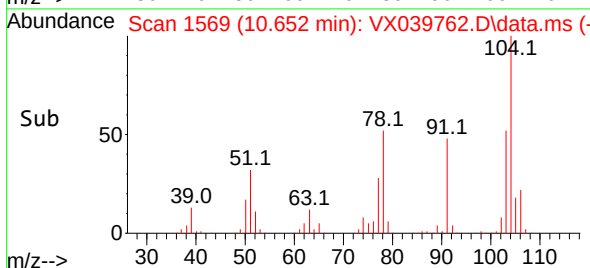
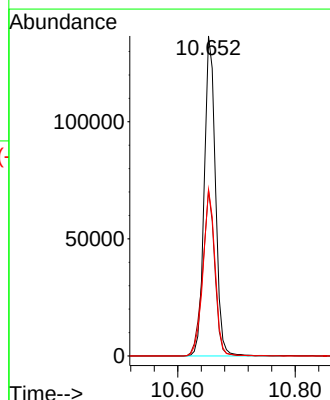
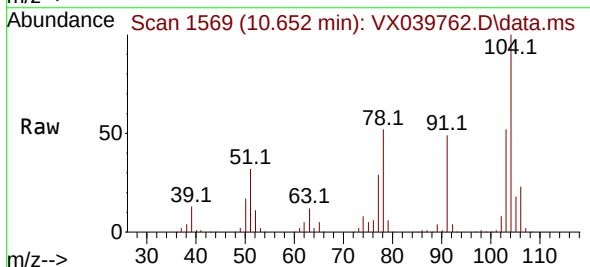
Manual Integrations
APPROVED

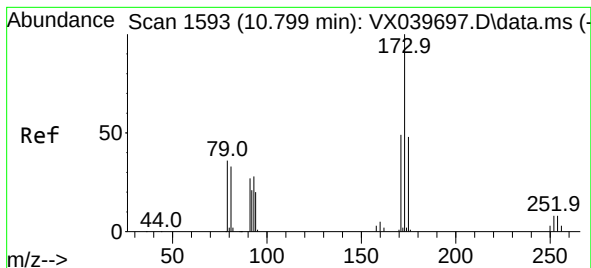
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#70
Styrene
Concen: 49.061 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion:104 Resp: 181680
Ion Ratio Lower Upper
104 100
78 55.8 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 50.714 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

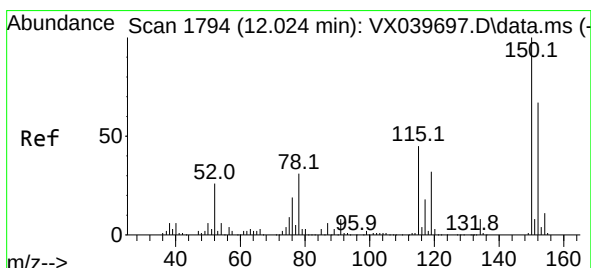
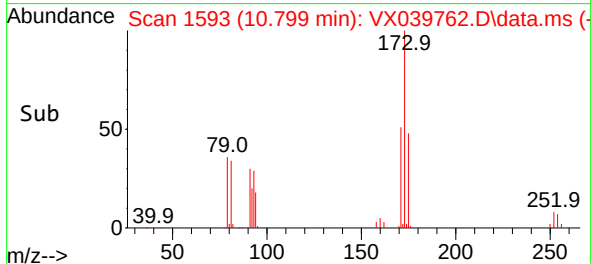
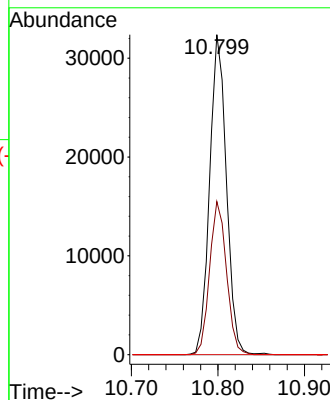
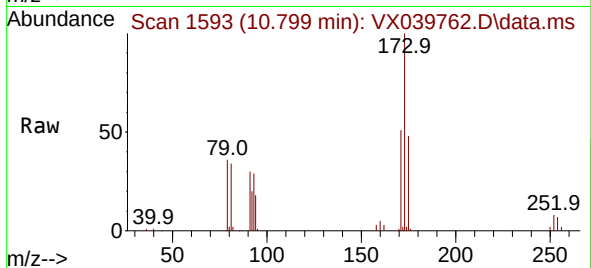
Tgt Ion:	173	Resp:	43472
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

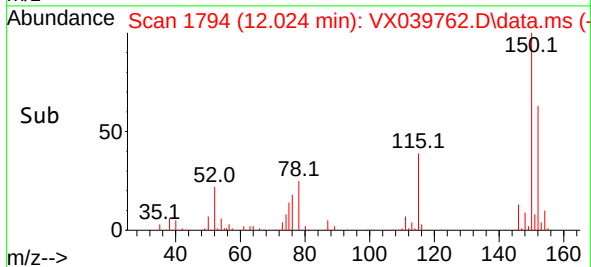
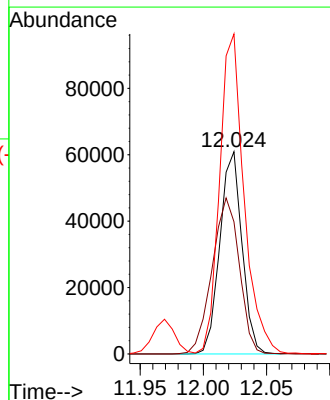
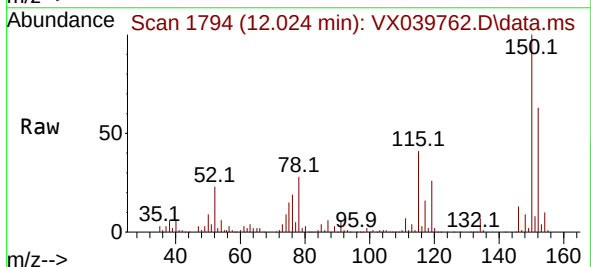
RT: 12.024 min Scan# 1794

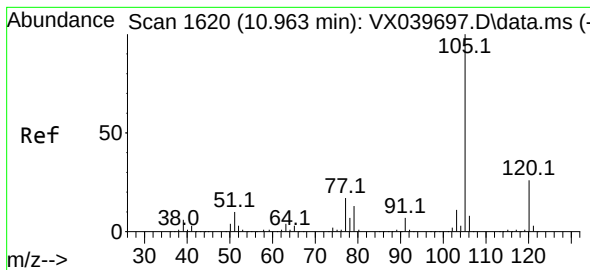
Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion:	152	Resp:	74034
Ion Ratio	Lower	Upper	
152	100		
115	94.9	43.3	129.9
150	174.6	0.0	345.0





#73

Isopropylbenzene

Concen: 49.889 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 294064

Ion Ratio Lower Upper

105 100

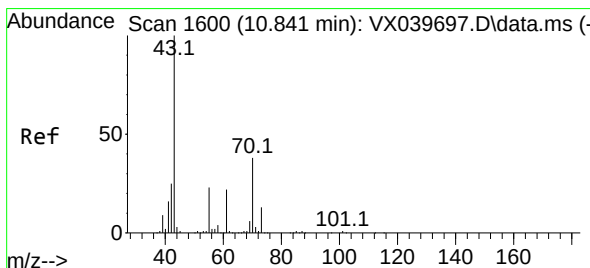
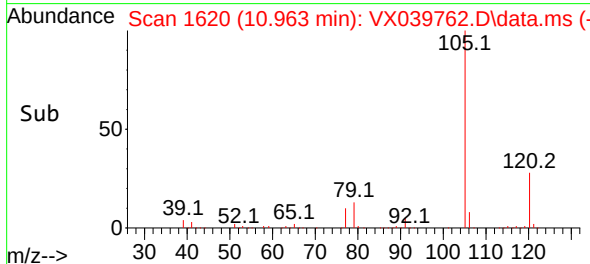
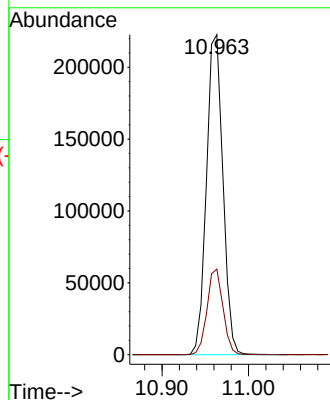
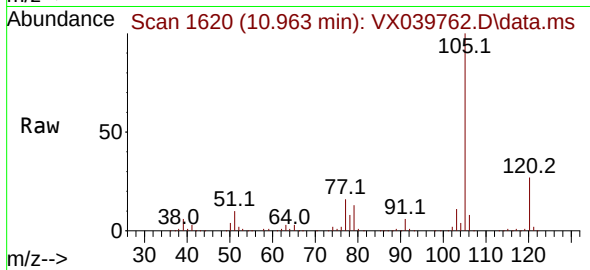
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#74

N-ethyl acetate

Concen: 51.758 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion: 43 Resp: 159025

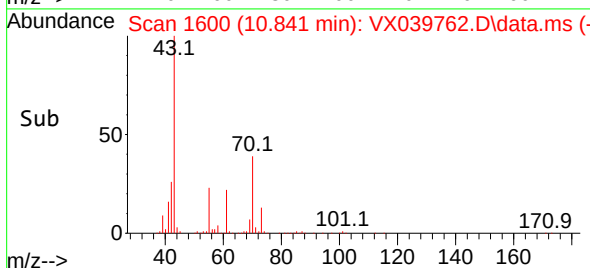
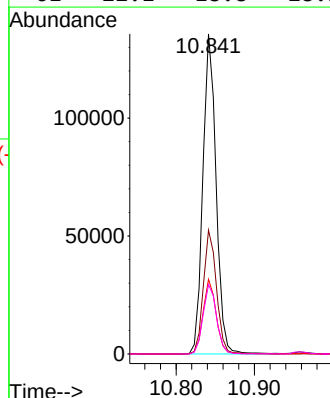
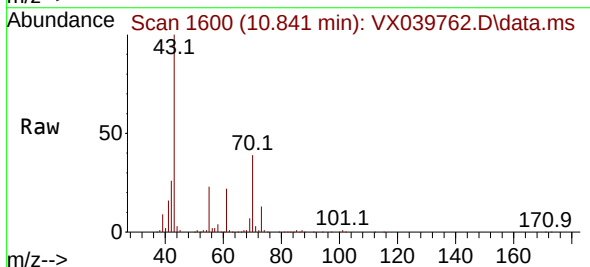
Ion Ratio Lower Upper

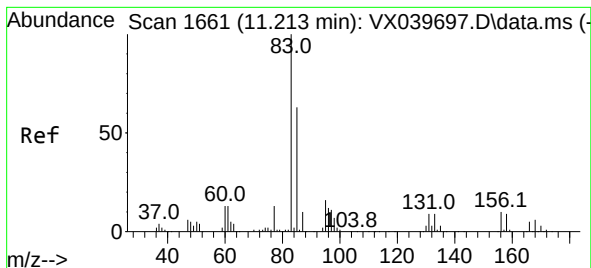
43 100

70 38.4 32.9 49.3

55 23.2 19.3 28.9

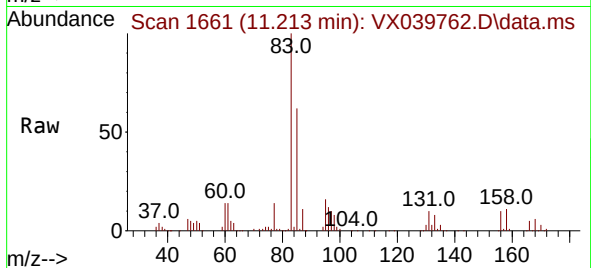
61 22.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.473 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

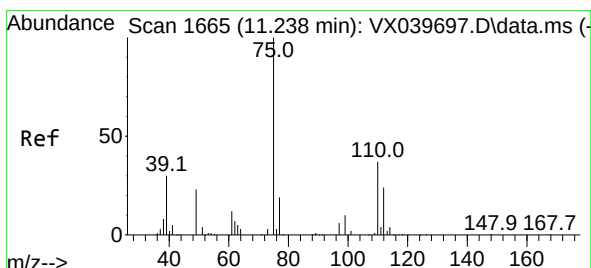
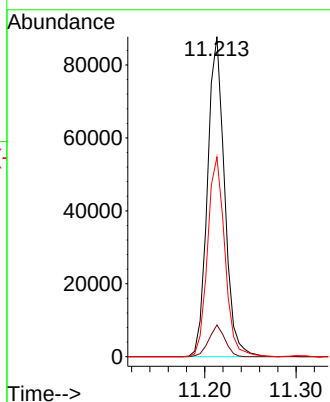
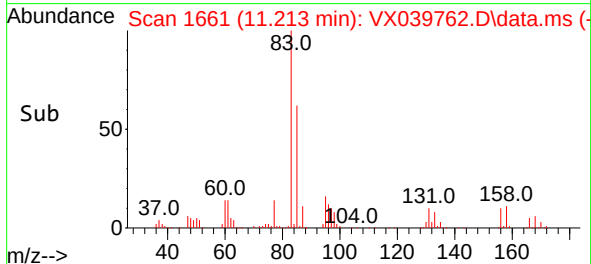
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



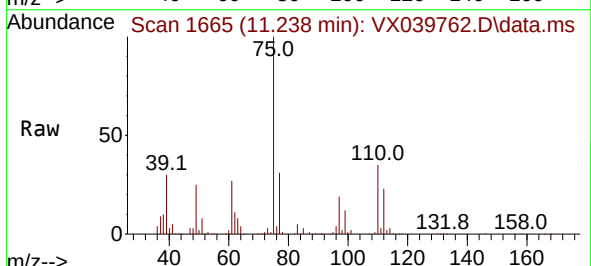
Tgt Ion: 83 Resp: 113604
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 63.1 32.0 96.2

Manual Integrations
APPROVED

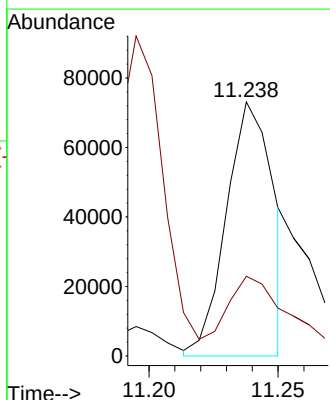
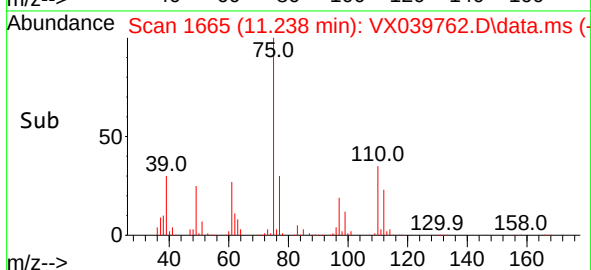
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

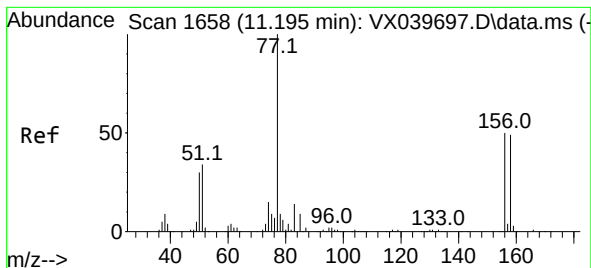


#76
1,2,3-Trichloropropane
Concen: 48.290 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49



Tgt Ion: 75 Resp: 92688
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 49.559 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

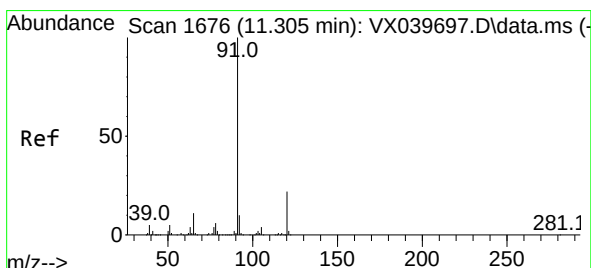
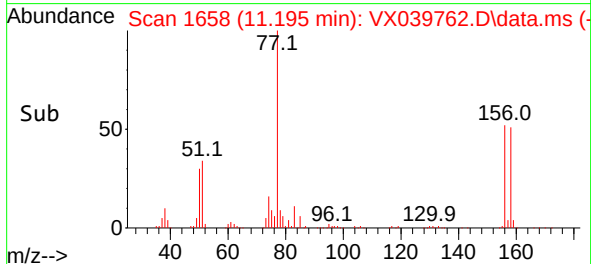
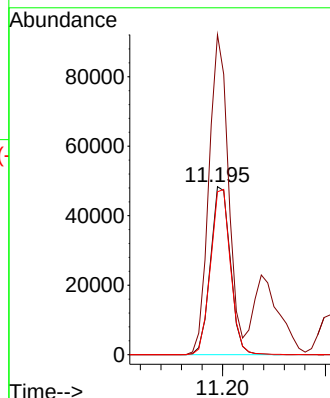
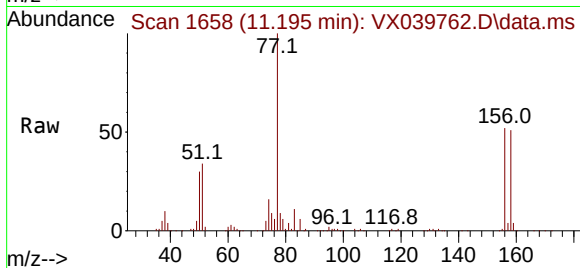
Tgt Ion:	156	Resp:	6504
Ion Ratio	Lower	Upper	
156	100		
77	185.9	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#78

n-propylbenzene

Concen: 49.103 ug/l

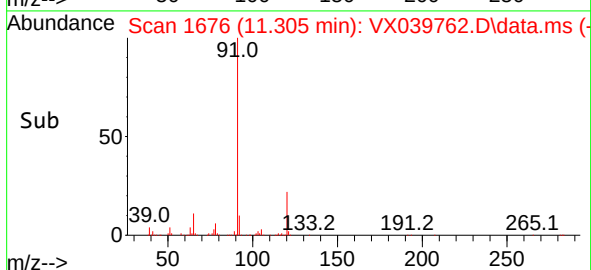
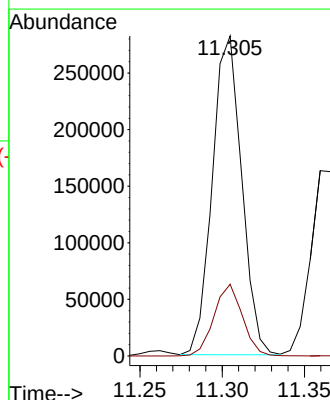
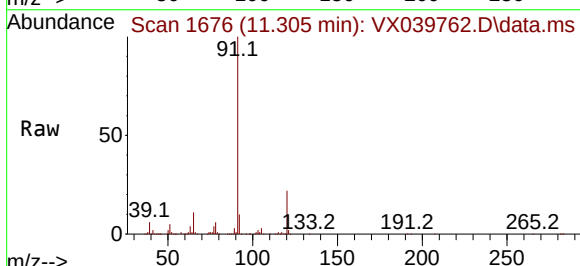
RT: 11.305 min Scan# 1676

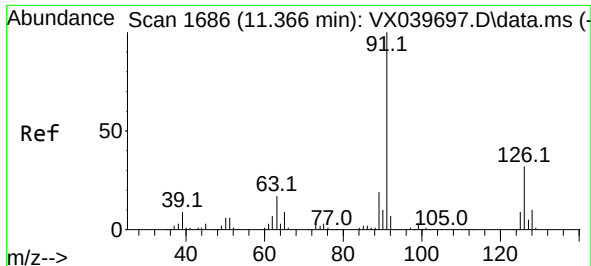
Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion:	91	Resp:	350309
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





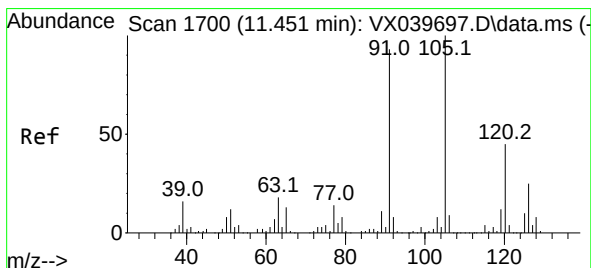
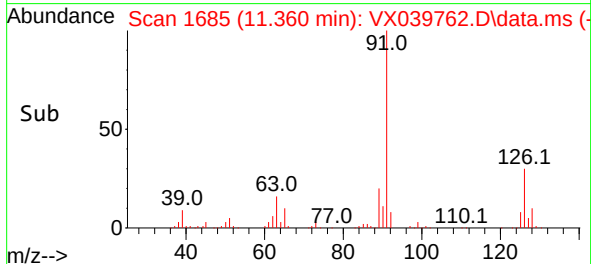
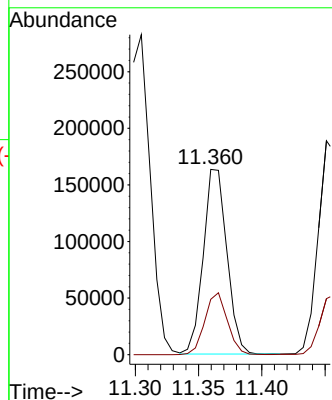
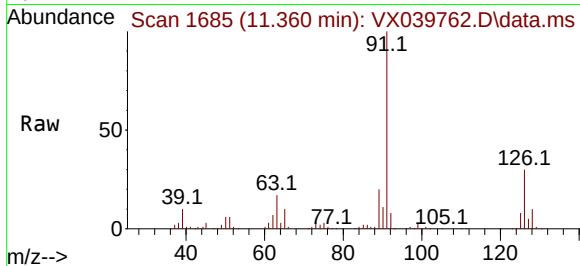
#79
2-Chlorotoluene
Concen: 48.235 ug/l
RT: 11.360 min Scan# 1136
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 21268
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

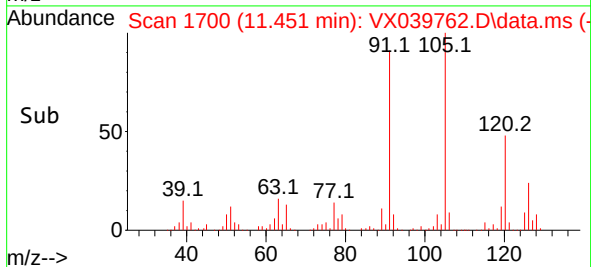
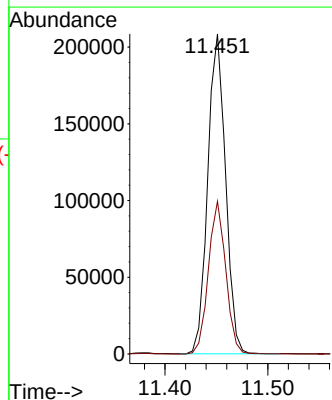
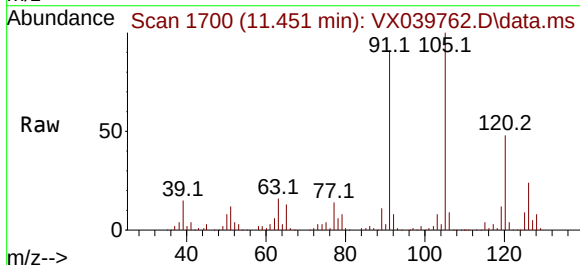
Manual Integrations
APPROVED

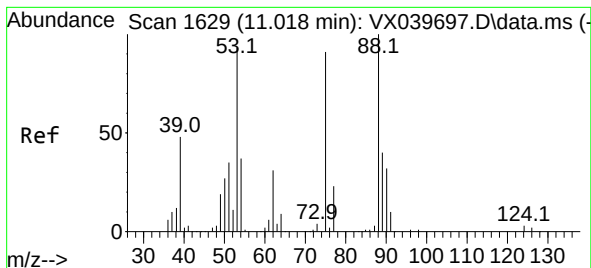
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.124 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

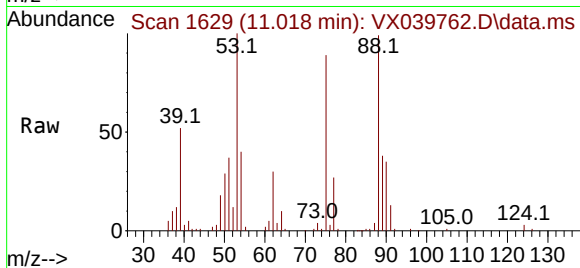
Tgt Ion:105 Resp: 250928
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.856 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

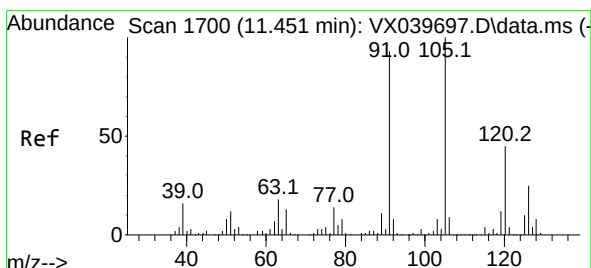
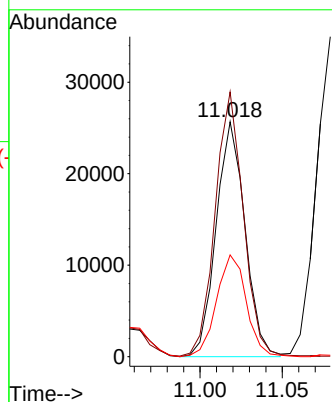
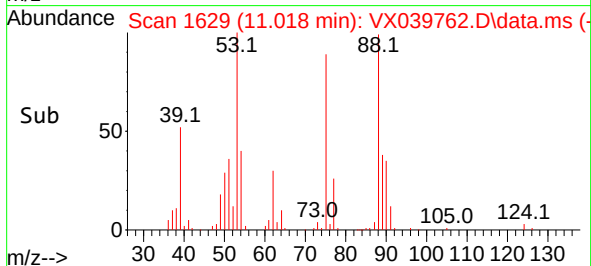
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3132
Ion Ratio Lower Upper
75 100
53 109.8 90.5 135.7
89 44.6 36.9 55.3

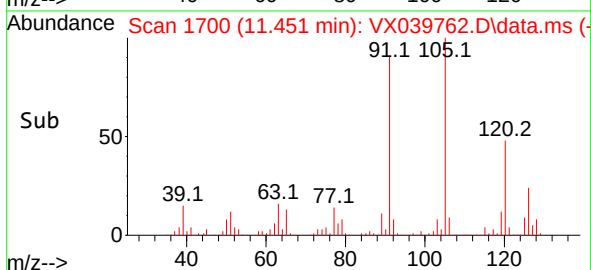
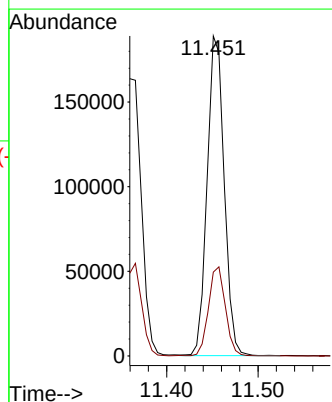
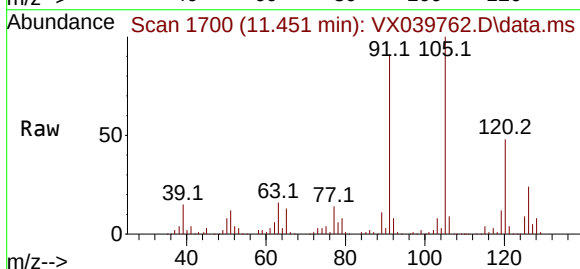
Manual Integrations
APPROVED

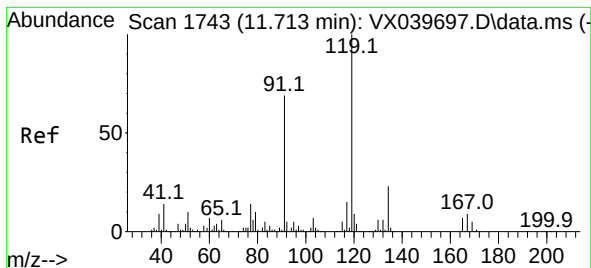
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#82
4-Chlorotoluene
Concen: 48.790 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 91 Resp: 244017
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.484 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 241284

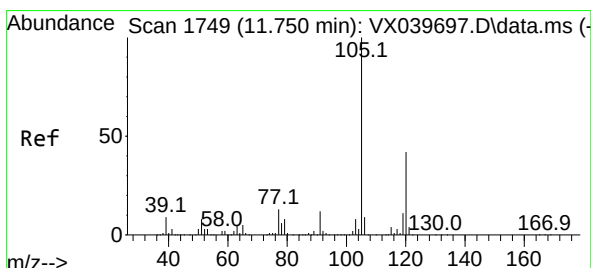
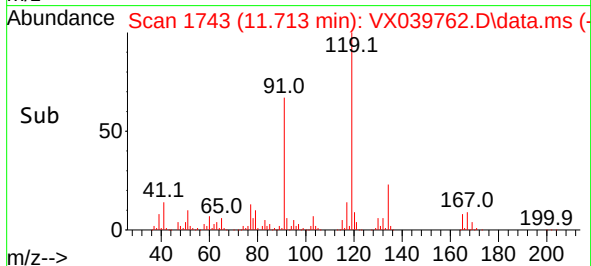
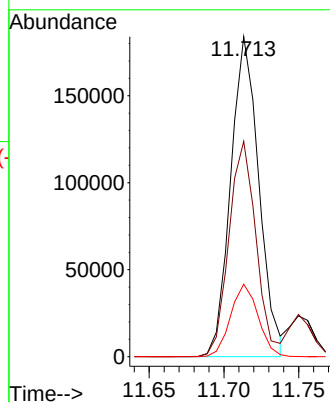
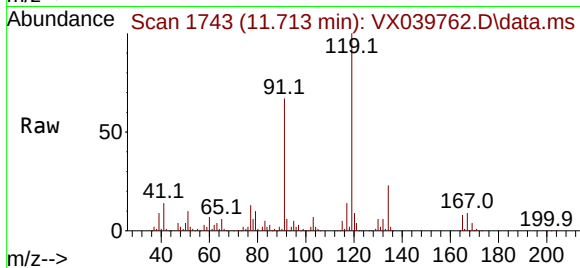
Ion	Ratio	Lower	Upper
119	100		
91	64.9	31.2	93.6
134	22.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.361 ug/l

RT: 11.750 min Scan# 1749

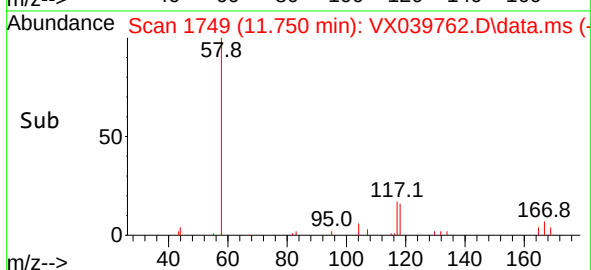
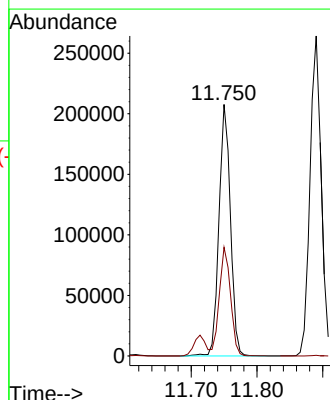
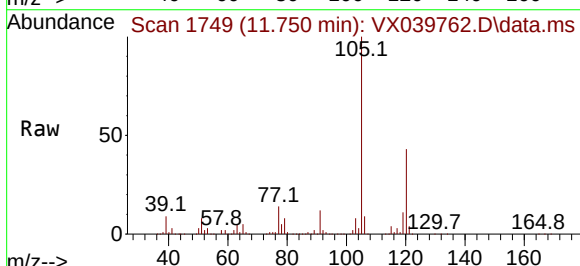
Delta R.T. -0.000 min

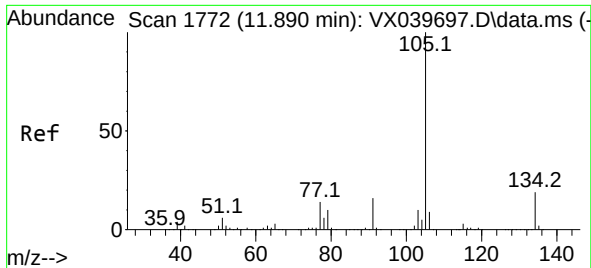
Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion:105 Resp: 251526

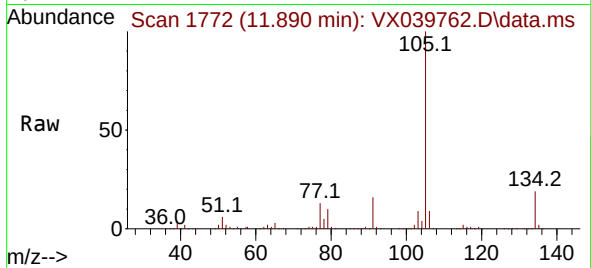
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.597 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039762.D
 Acq: 15 Jan 2024 17:49

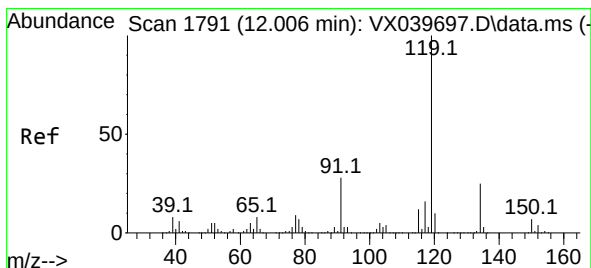
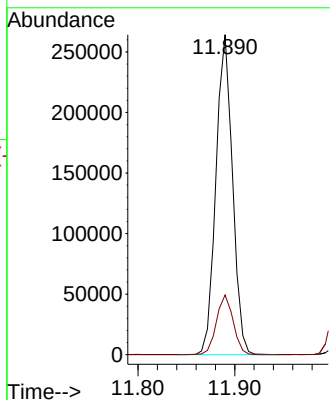
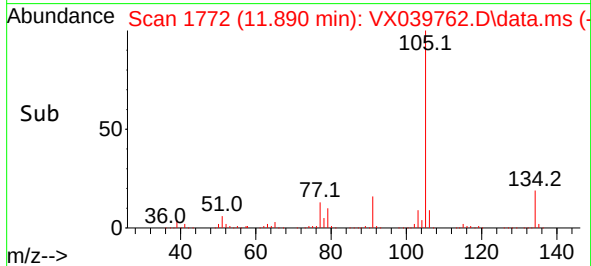
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



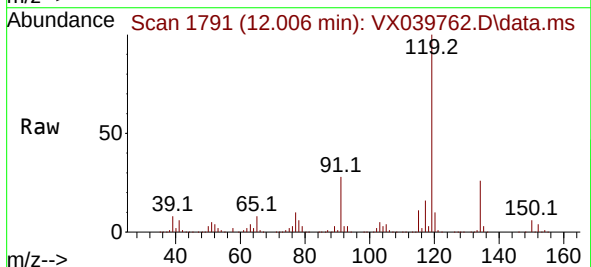
Tgt Ion:105 Resp: 31391
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

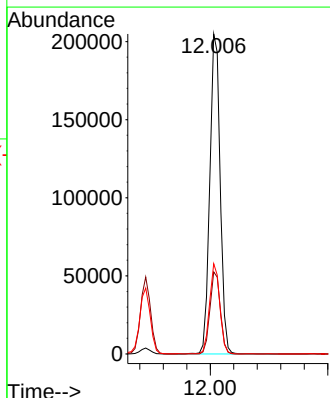
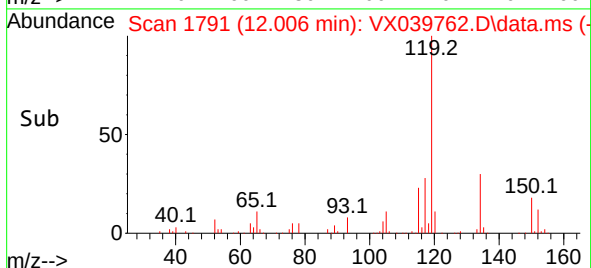
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

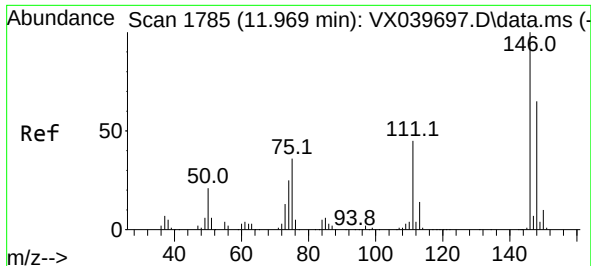


#86
 p-Isopropyltoluene
 Concen: 50.561 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039762.D
 Acq: 15 Jan 2024 17:49



Tgt Ion:119 Resp: 250709
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.855 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 12542

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.1

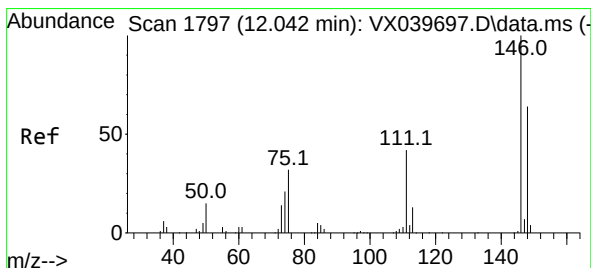
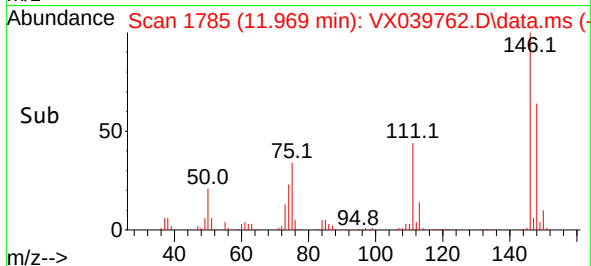
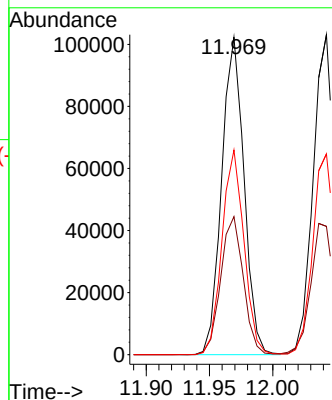
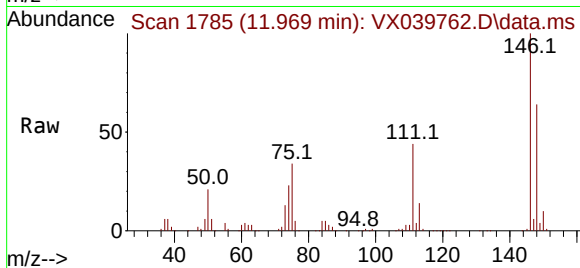
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#88

1,4-Dichlorobenzene

Concen: 48.091 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

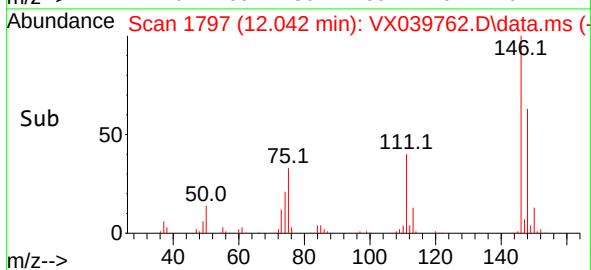
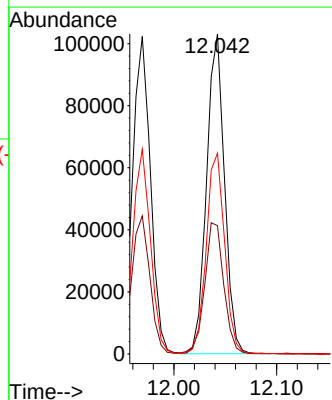
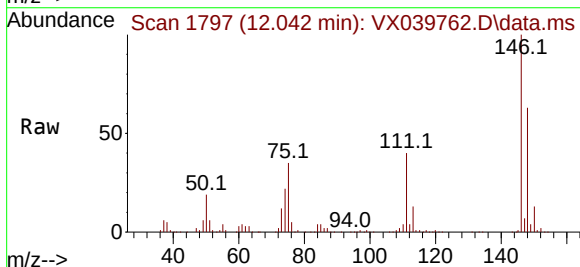
Tgt Ion:146 Resp: 124955

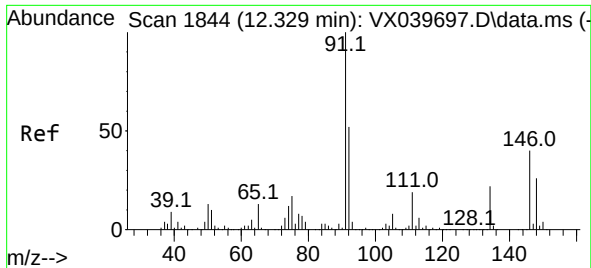
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.7

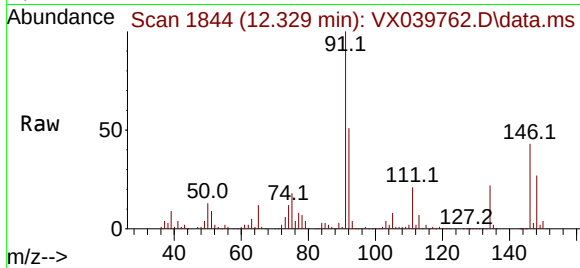
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 48.092 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

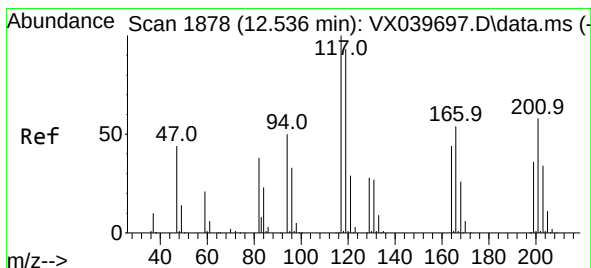
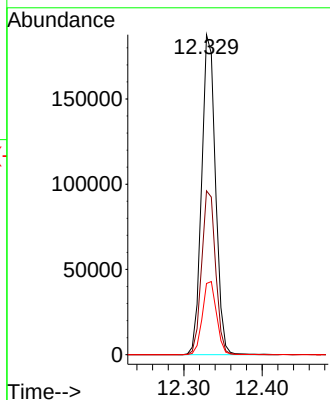
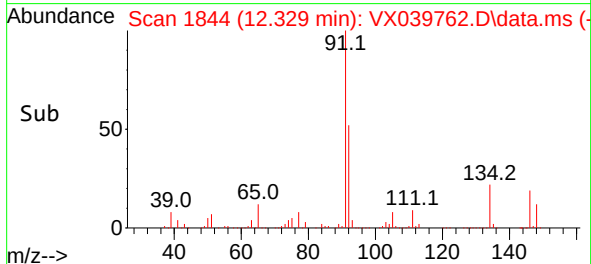
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 23032
Ion Ratio Lower Upper
91 100
92 51.5 27.4 82.0
134 23.4 12.6 37.8

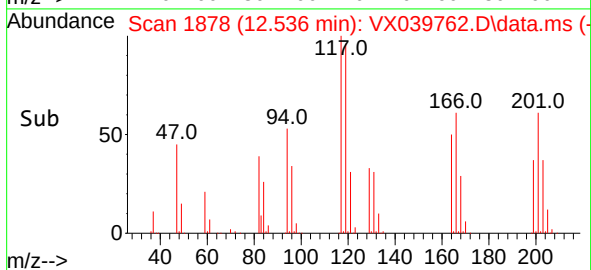
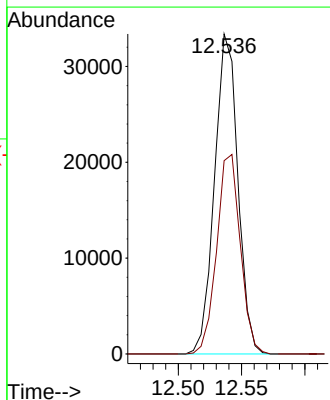
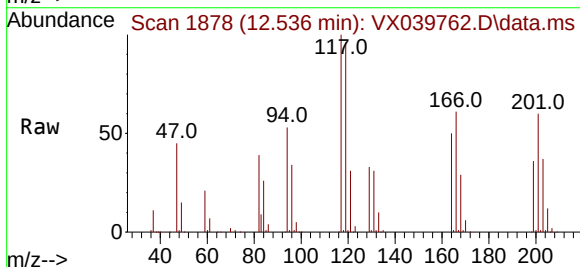
Manual Integrations
APPROVED

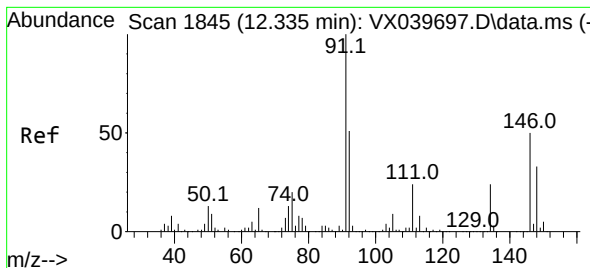
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#90
Hexachloroethane
Concen: 51.122 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

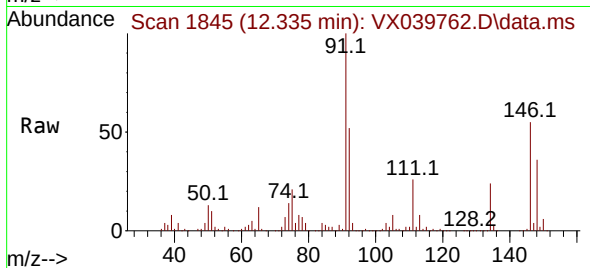
Tgt Ion:117 Resp: 42765
Ion Ratio Lower Upper
117 100
201 63.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.579 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49

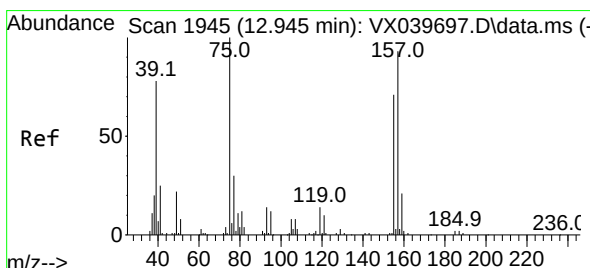
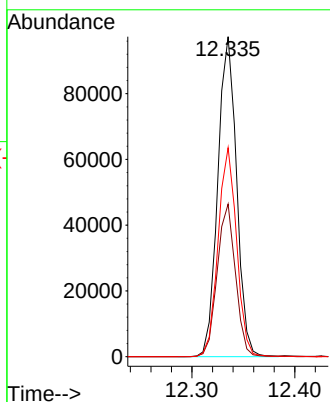
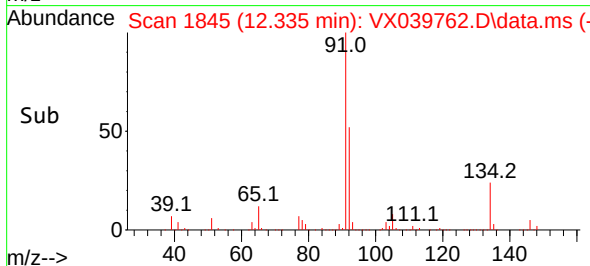
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



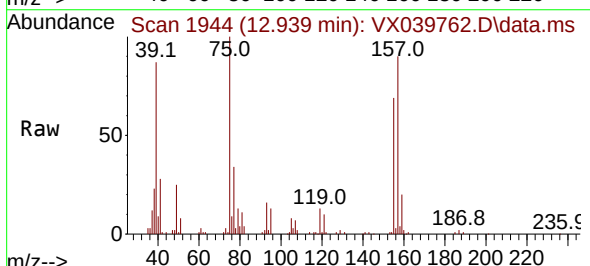
Tgt Ion:146 Resp: 123309
Ion Ratio Lower Upper
146 100
111 46.5 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

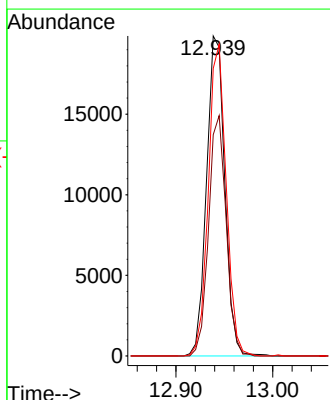
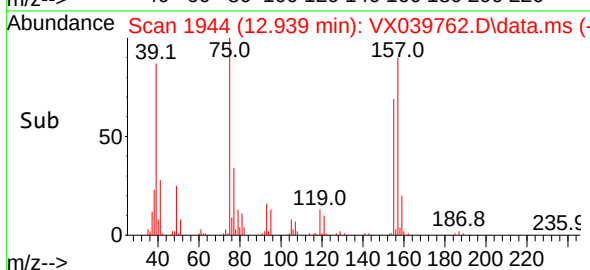
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

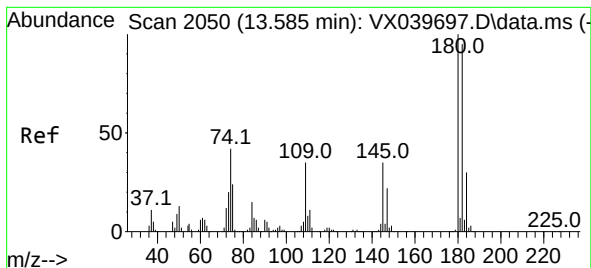


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.331 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039762.D
Acq: 15 Jan 2024 17:49



Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
155 72.2 36.1 108.5
157 95.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.845 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

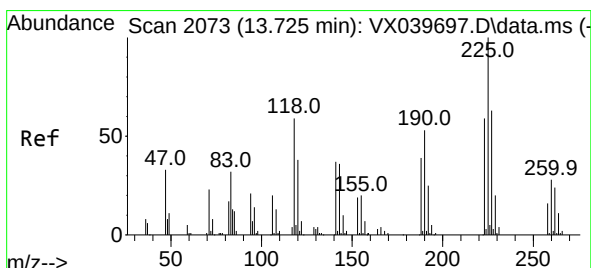
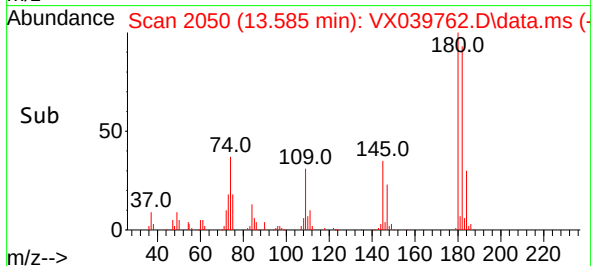
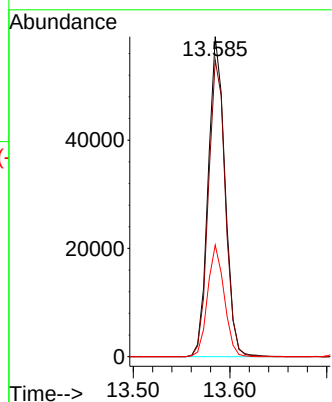
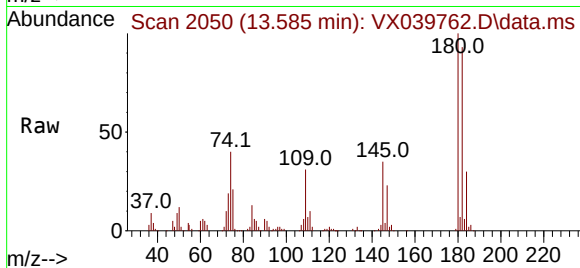
Tgt Ion:180	Resp:	71199
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.3 144.8
145	34.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#94

Hexachlorobutadiene

Concen: 49.076 ug/l

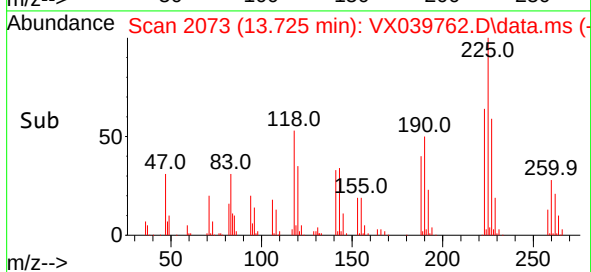
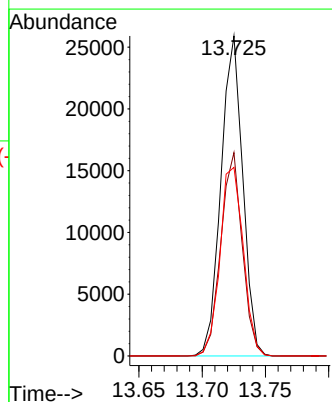
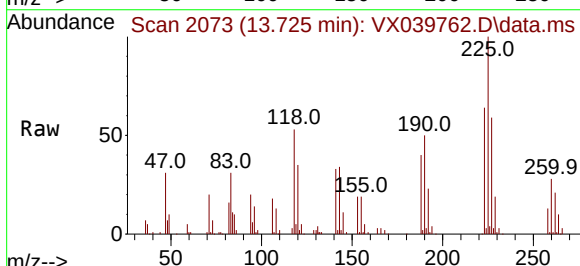
RT: 13.725 min Scan# 2073

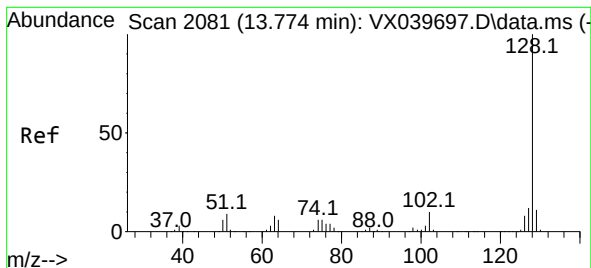
Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion:225	Resp:	31007
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.1 93.2
227	63.1	32.5 97.5





#95

Naphthalene

Concen: 48.149 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 269409

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

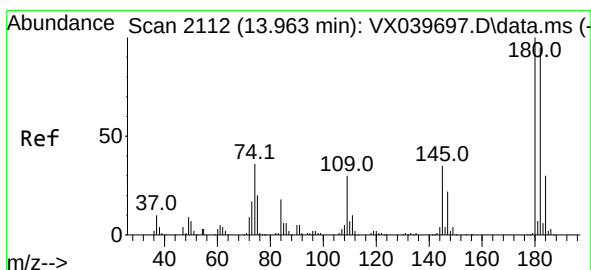
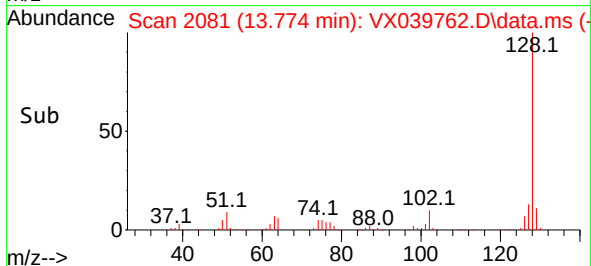
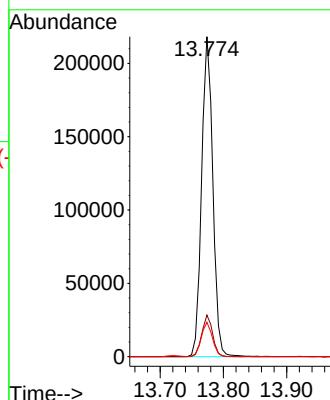
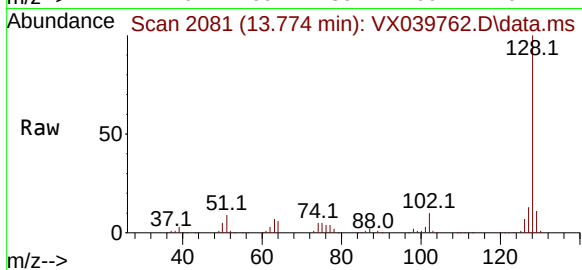
129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.739 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion:180 Resp: 71695

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 37.0 17.8 53.5

