

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040445.D
 Acq On : 23 Feb 2024 20:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:26:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66270	50.711	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.420%			
35) Dibromofluoromethane	5.391	113	47573	51.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	8.647	98	173310	51.700	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	67125	49.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49881	51.571	ug/l	95
3) Chloromethane	1.295	50	50023	45.749	ug/l	99
4) Vinyl Chloride	1.374	62	53003	48.601	ug/l	97
5) Bromomethane	1.599	94	29362	45.765	ug/l	100
6) Chloroethane	1.679	64	36016	54.796	ug/l	98
7) Trichlorofluoromethane	1.886	101	86505	49.716	ug/l	97
8) Diethyl Ether	2.136	74	30539	49.133	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	45033	48.980	ug/l	97
10) Methyl Iodide	2.453	142	55855	52.211	ug/l	98
11) Tert butyl alcohol	2.965	59	60154	238.130	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	43104	48.608	ug/l	99
13) Acrolein	2.239	56	44408	146.934	ug/l	100
14) Allyl chloride	2.666	41	80588	49.208	ug/l	95
15) Acrylonitrile	3.062	53	146193	246.846	ug/l	99
16) Acetone	2.380	43	125962	231.329	ug/l	97
17) Carbon Disulfide	2.508	76	120052	49.244	ug/l	99
18) Methyl Acetate	2.703	43	75379	53.443	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	158948	50.271	ug/l	100
20) Methylene Chloride	2.788	84	50868	44.616	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	47535	47.507	ug/l	99
22) Diisopropyl ether	3.764	45	163099	50.383	ug/l	91
23) Vinyl Acetate	3.721	43	742895	251.455	ug/l	100
24) 1,1-Dichloroethane	3.611	63	92843	49.595	ug/l	99
25) 2-Butanone	4.556	43	211797	249.490	ug/l	98
26) 2,2-Dichloropropane	4.477	77	65083	53.265	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	55517	49.789	ug/l	99
28) Bromochloromethane	4.898	49	39962	45.768	ug/l	99
29) Tetrahydrofuran	5.007	42	141523	250.434	ug/l	99
30) Chloroform	5.099	83	99302	49.217	ug/l	98
31) Cyclohexane	5.471	56	77314	49.346	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	85966	51.467	ug/l	98
36) 1,1-Dichloropropene	5.690	75	73652	51.281	ug/l	98
37) Ethyl Acetate	4.715	43	84194	51.308	ug/l	99
38) Carbon Tetrachloride	5.678	117	72201	54.334	ug/l	97
39) Methylcyclohexane	7.379	83	77850	51.144	ug/l	97
40) Benzene	6.038	78	196359	50.255	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45369	52.068	ug/l	95
42) 1,2-Dichloroethane	6.086	62	84517	52.048	ug/l	99
43) Isopropyl Acetate	6.336	43	131106	52.070	ug/l	98
44) Trichloroethene	7.129	130	52003	50.888	ug/l	99
45) 1,2-Dichloropropane	7.434	63	52717	50.556	ug/l	98
46) Dibromomethane	7.580	93	39153	50.047	ug/l	100
47) Bromodichloromethane	7.824	83	76676	52.663	ug/l	100
48) Methyl methacrylate	7.690	41	68801	55.176	ug/l	94
49) 1,4-Dioxane	7.659	88	24409	971.163	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	441828	258.364	ug/l	98
52) Toluene	8.720	92	125109	52.249	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	79245	53.985	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	83031	53.099	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	52096	50.812	ug/l	93
56) Ethyl methacrylate	9.116	69	85314	54.459	ug/l	96
57) 1,3-Dichloropropane	9.305	76	89933	50.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	223695	284.775	ug/l	96
59) 2-Hexanone	9.427	43	350518	265.766	ug/l	98
60) Dibromochloromethane	9.519	129	56363	54.823	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57268	51.968	ug/l	100
64) Tetrachloroethene	9.275	164	46598	48.808	ug/l	98
65) Chlorobenzene	10.079	112	133318	50.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48875	53.202	ug/l	99
67) Ethyl Benzene	10.195	91	253701	51.482	ug/l	99
68) m/p-Xylenes	10.299	106	186501	103.789	ug/l	95
69) o-Xylene	10.640	106	90249	50.810	ug/l	94
70) Styrene	10.653	104	152575	52.111	ug/l	98
71) Bromoform	10.799	173	40126	54.028	ug/l #	99
73) Isopropylbenzene	10.964	105	243603	53.165	ug/l	100
74) N-amyl acetate	10.842	43	122190	57.476	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	86449	52.778	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73386m	50.964	ug/l	
77) Bromobenzene	11.195	156	56427	50.399	ug/l	98
78) n-propylbenzene	11.305	91	299005	52.829	ug/l	99
79) 2-Chlorotoluene	11.366	91	175051	51.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	209121	53.722	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	21835	52.762	ug/l	98
82) 4-Chlorotoluene	11.451	91	206700	52.213	ug/l	100
83) tert-Butylbenzene	11.713	119	194481	53.005	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	207968	52.949	ug/l	99
85) sec-Butylbenzene	11.890	105	257385	52.694	ug/l	99
86) p-Isopropyltoluene	12.006	119	213442	54.690	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	108816	50.817	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	109646	49.390	ug/l	98
89) n-Butylbenzene	12.335	91	200527	52.222	ug/l	97
90) Hexachloroethane	12.536	117	35011	56.015	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	104320	50.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22388	59.937	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	70752	53.073	ug/l	97
94) Hexachlorobutadiene	13.725	225	26336	54.546	ug/l	98
95) Naphthalene	13.774	128	241586	56.472	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69393	54.064	ug/l	98

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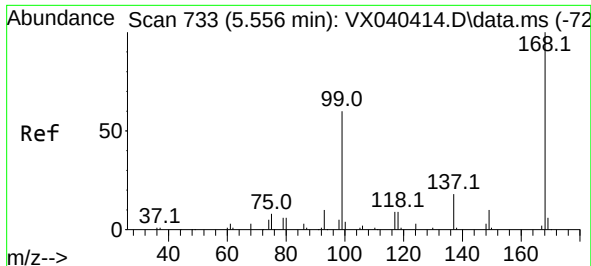
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

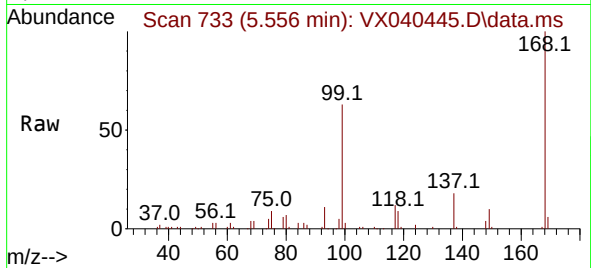
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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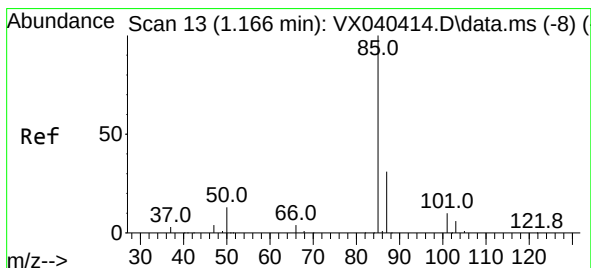
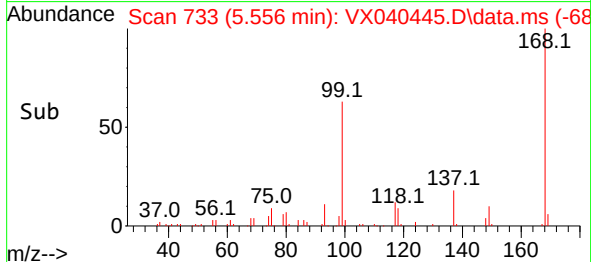
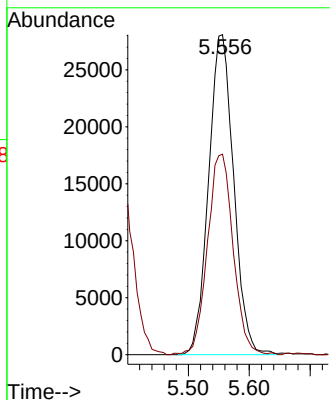
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8024
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

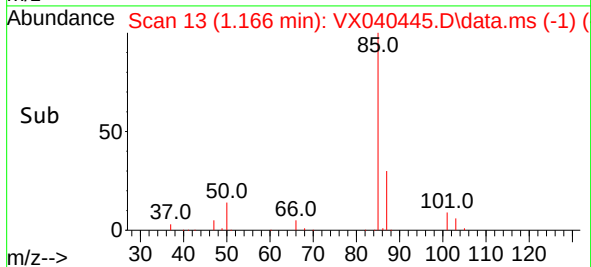
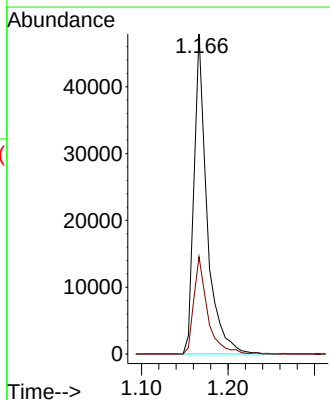
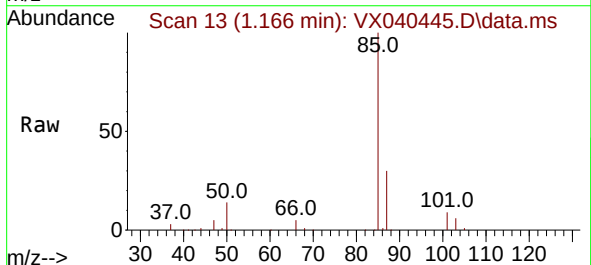
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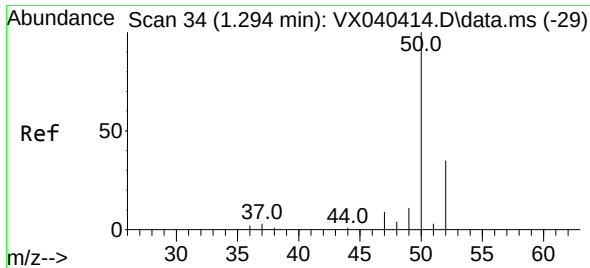
Reviewed By :John Carlone 02/26/2024
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#2
Dichlorodifluoromethane
Concen: 51.571 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 85 Resp: 49881
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





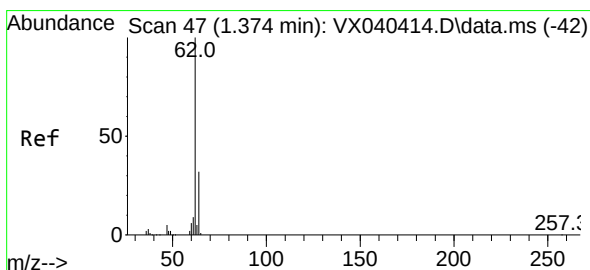
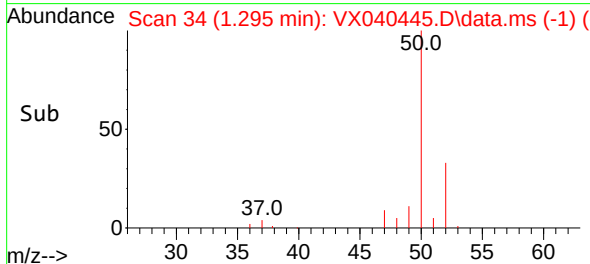
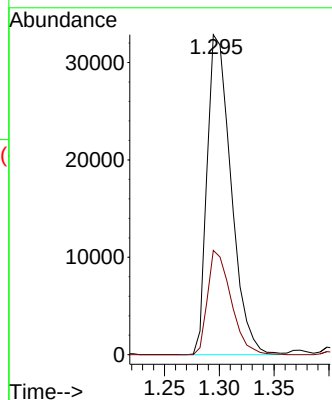
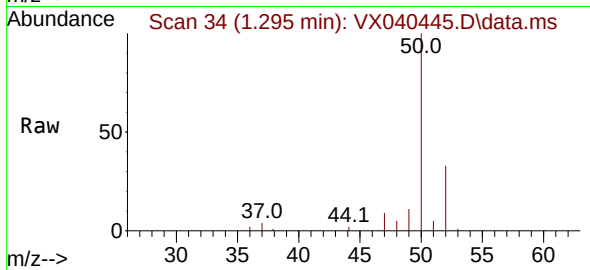
#3
Chloromethane
Concen: 45.749 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5002
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

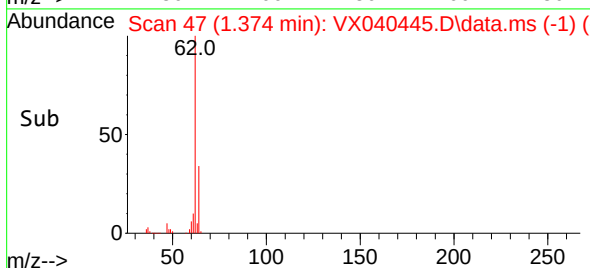
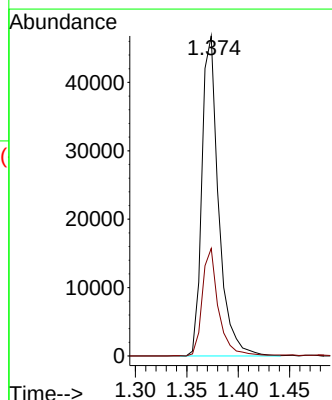
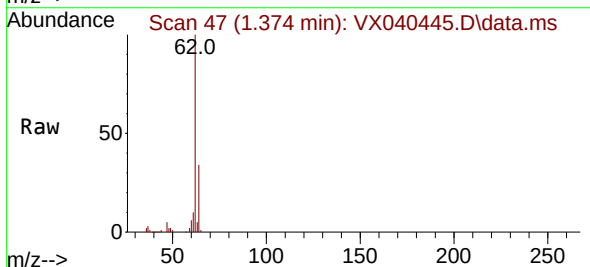
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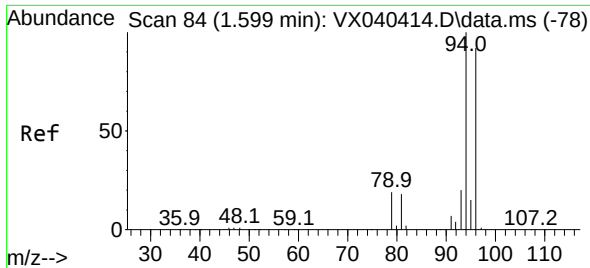
Reviewed By :John Carlone 02/26/2024
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#4
Vinyl Chloride
Concen: 48.601 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

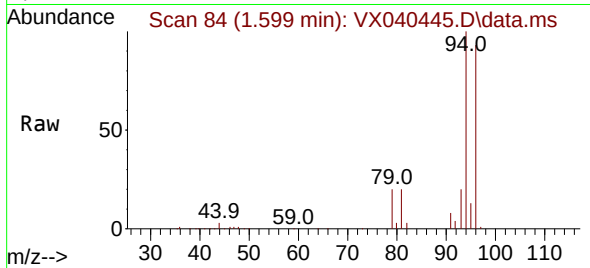
Tgt Ion: 62 Resp: 53003
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 45.765 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

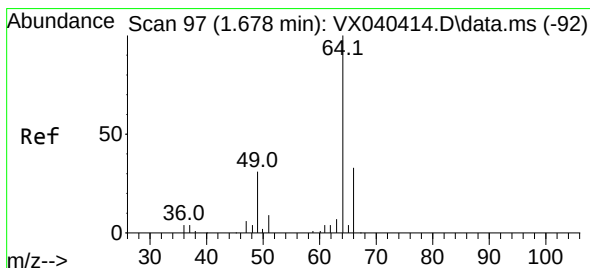
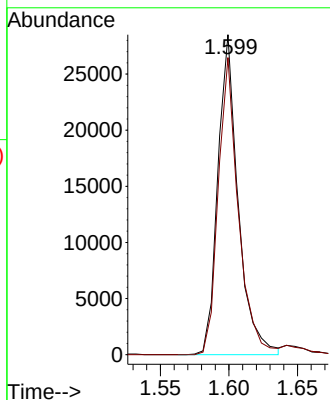
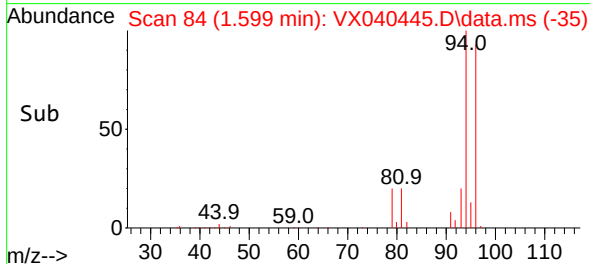
Instrument :
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Tgt Ion: 94 Resp: 2936
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

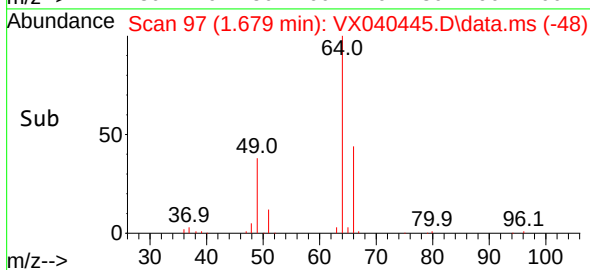
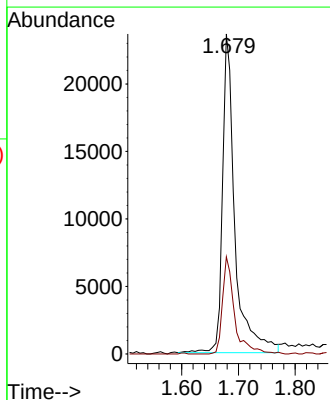
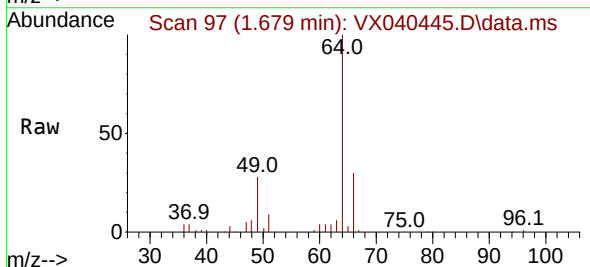
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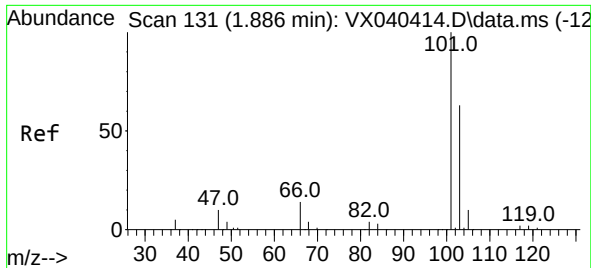
Reviewed By :John Carlone 02/26/2024
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#6
Chloroethane
Concen: 54.796 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

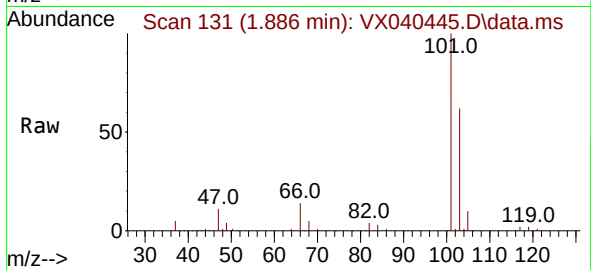
Tgt Ion: 64 Resp: 36016
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.716 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

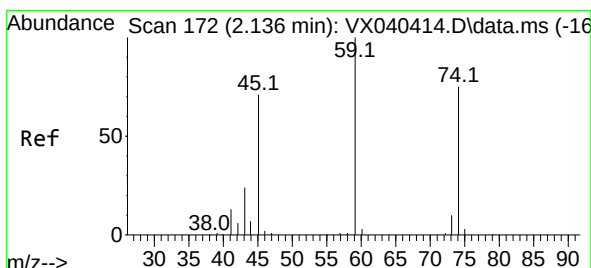
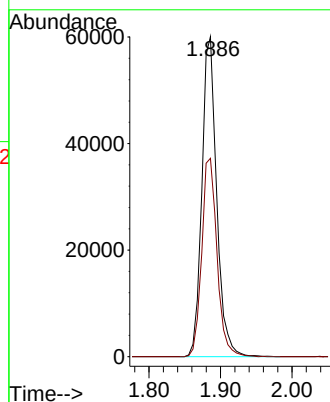
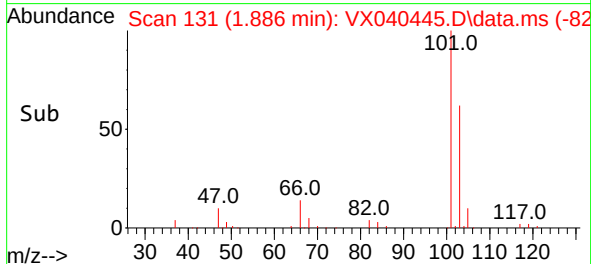
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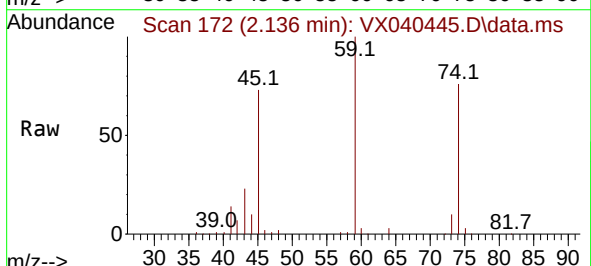
Tgt Ion:101 Resp: 8650
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.2

Manual Integrations
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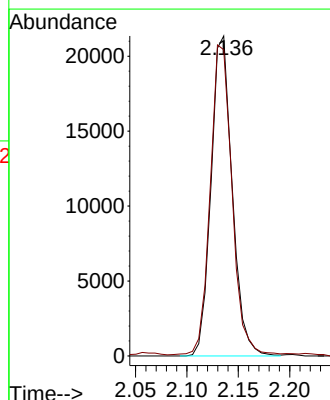
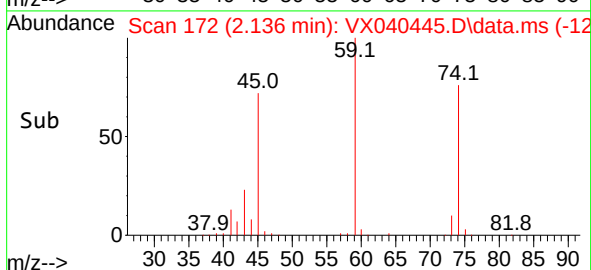
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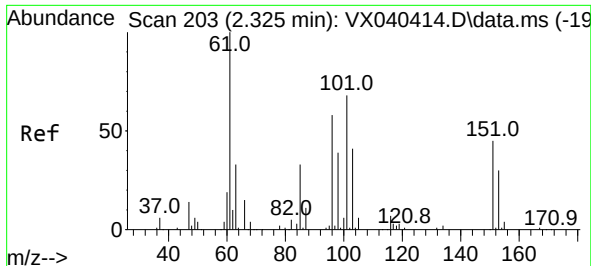


#8
Diethyl Ether
Concen: 49.133 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



Tgt Ion: 74 Resp: 30539
Ion Ratio Lower Upper
74 100
45 99.5 53.3 159.8





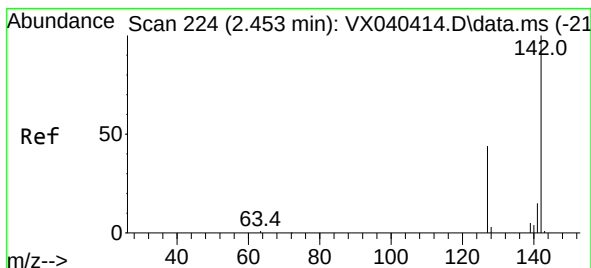
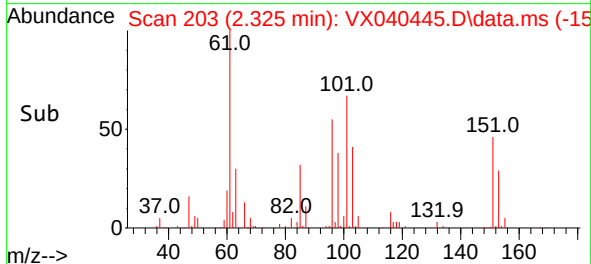
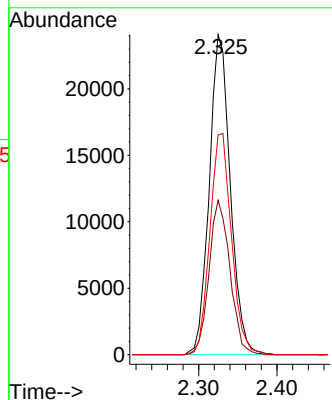
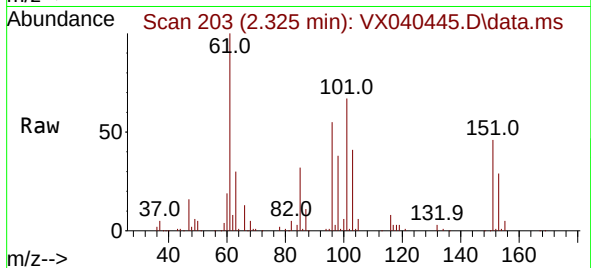
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.980 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040445.D
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Tgt Ion:101 Resp: 4503
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 70.8 58.6 87.8

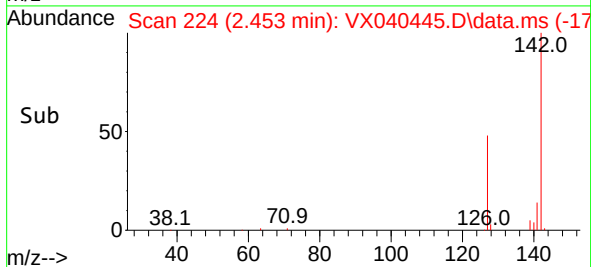
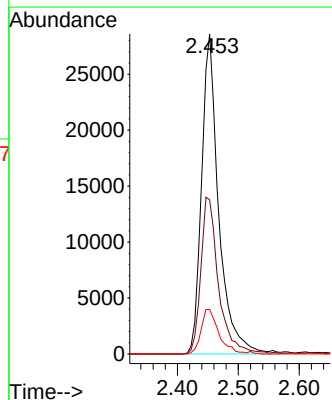
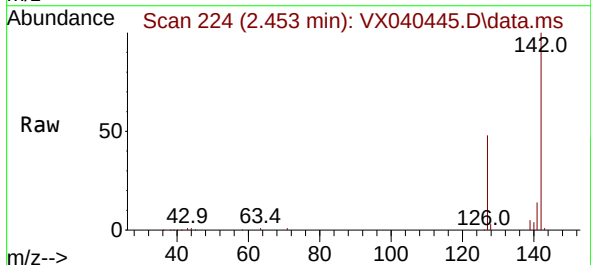
Manual Integrations
APPROVED

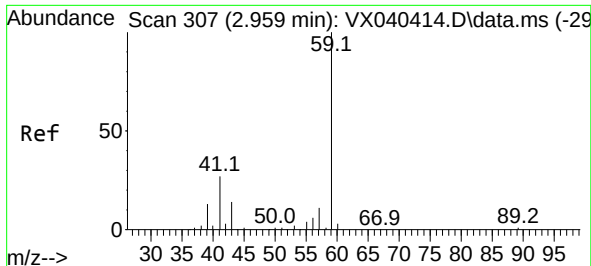
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 52.211 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

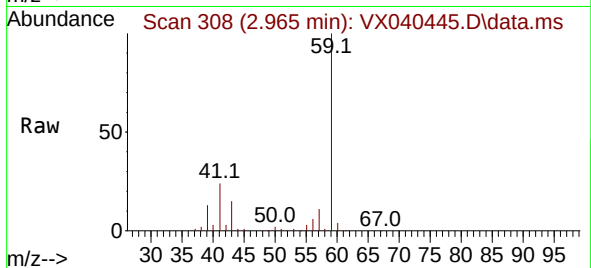
Tgt Ion:142 Resp: 55855
Ion Ratio Lower Upper
142 100
127 50.7 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 238.130 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

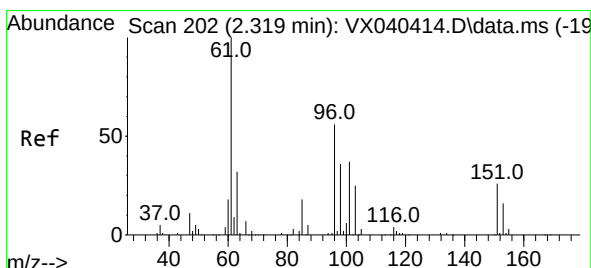
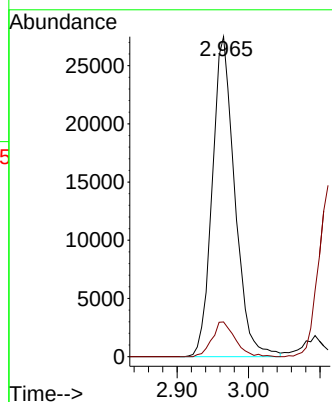
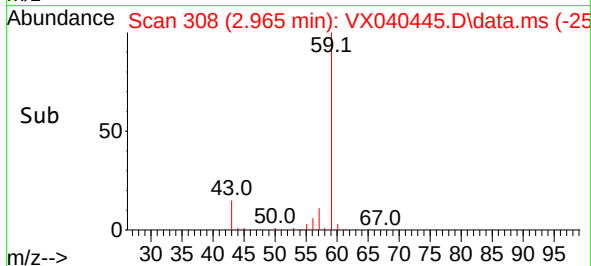
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 60154
Ion Ratio Lower Upper
59 100
57 11.1 6.0 9.0

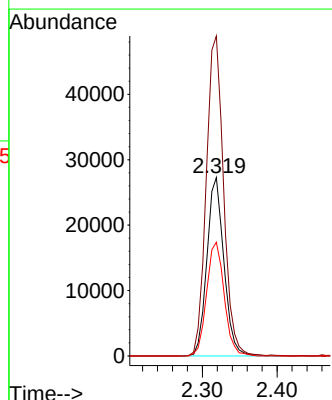
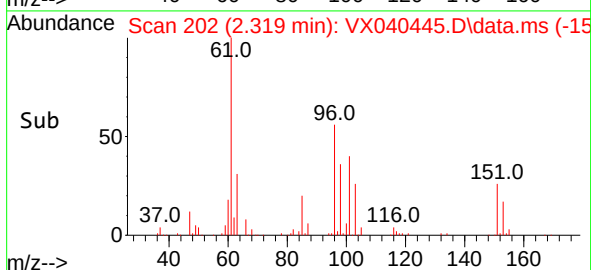
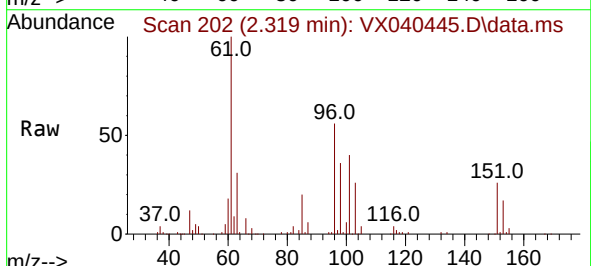
Manual Integrations
APPROVED

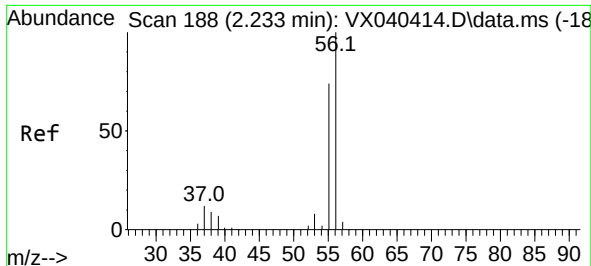
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
1,1-Dichloroethene
Concen: 48.608 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

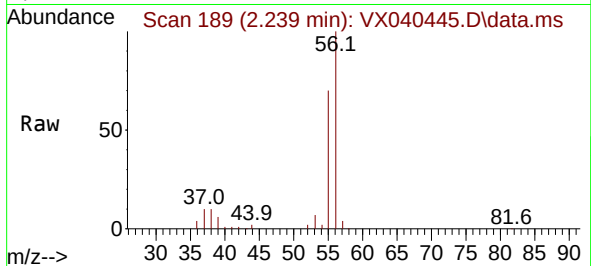
Tgt Ion: 96 Resp: 43104
Ion Ratio Lower Upper
96 100
61 179.3 144.6 216.8
98 63.8 50.4 75.6





#13
Acrolein
Concen: 146.934 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

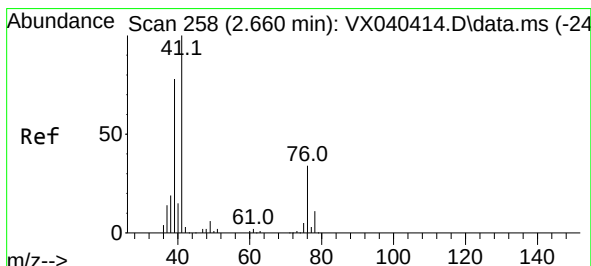
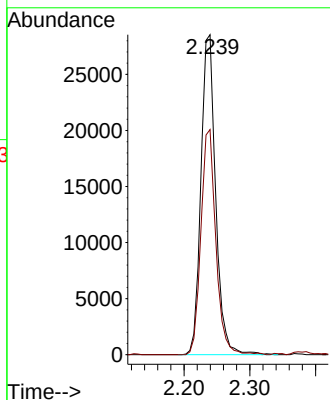
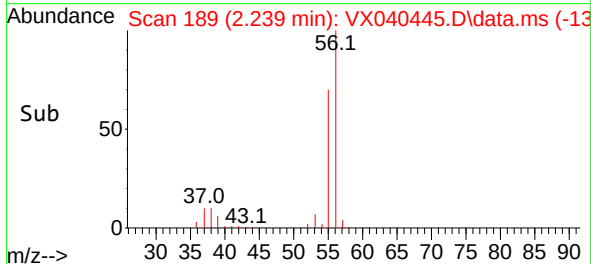
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 44408
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

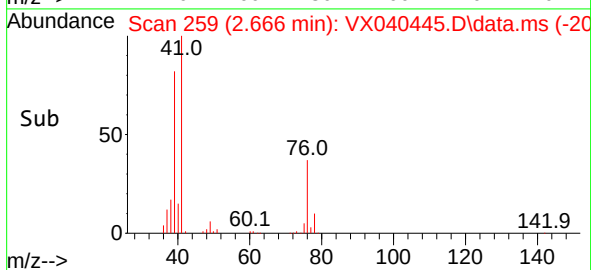
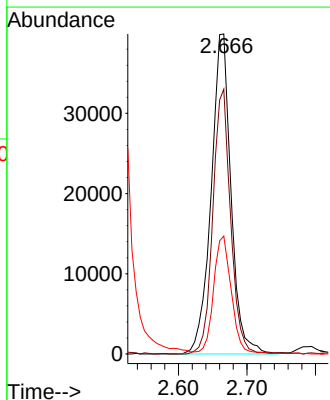
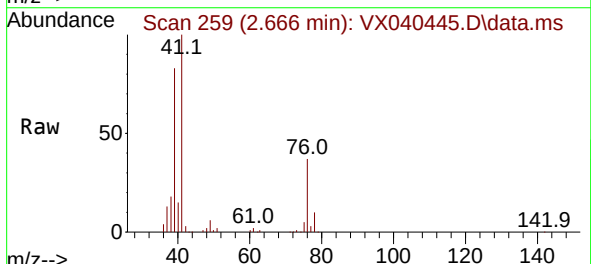
Manual Integrations
APPROVED

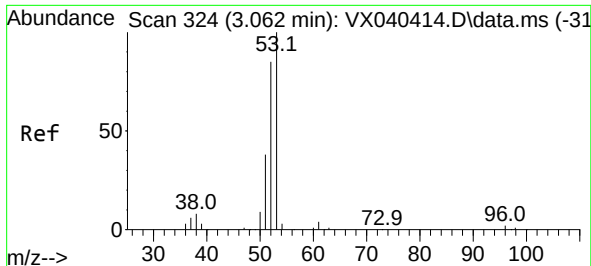
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#14
Allyl chloride
Concen: 49.208 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

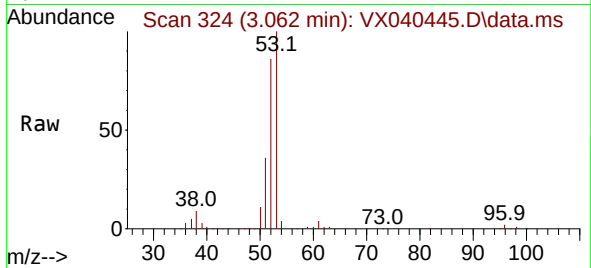
Tgt Ion: 41 Resp: 80588
Ion Ratio Lower Upper
41 100
39 73.6 55.8 83.6
76 32.7 24.3 36.5





#15
Acrylonitrile
Concen: 246.846 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

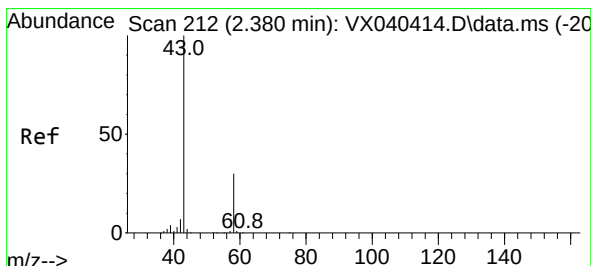
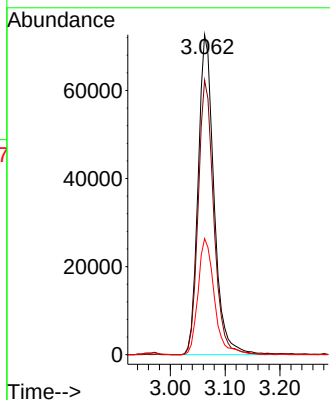
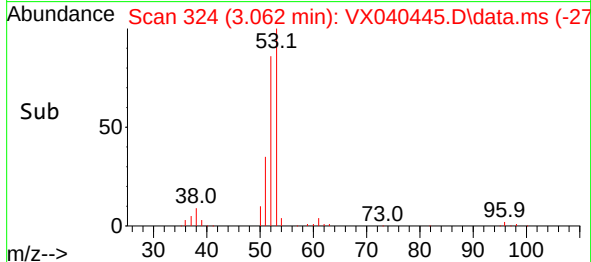
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 14619
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 37.5 29.8 44.6

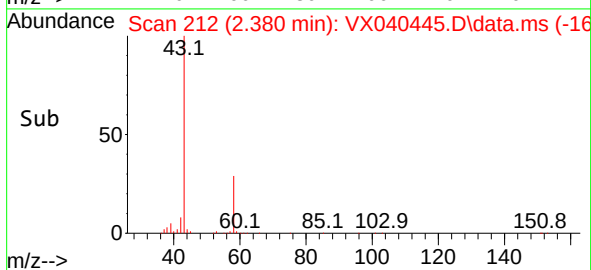
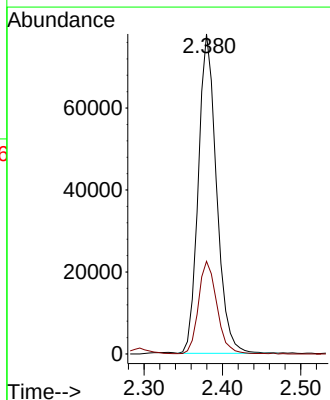
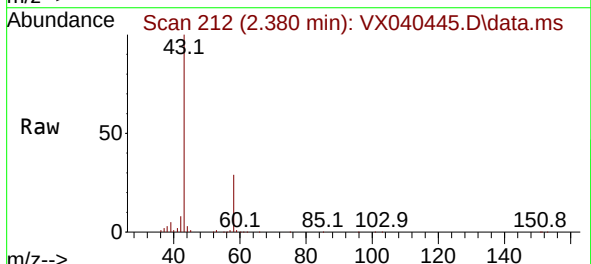
Manual Integrations
APPROVED

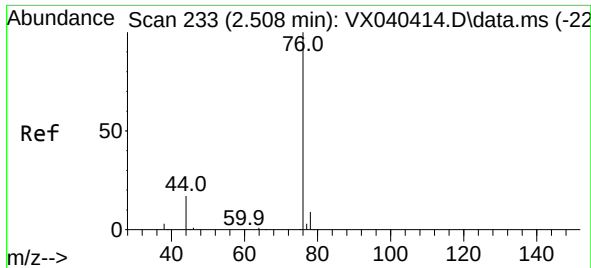
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#16
Acetone
Concen: 231.329 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

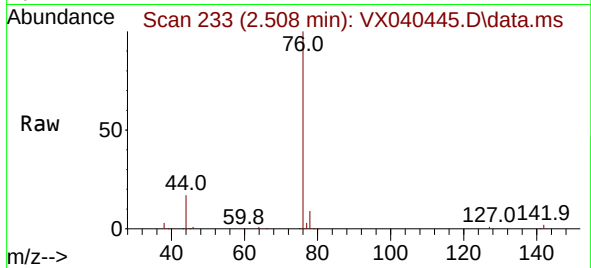
Tgt Ion: 43 Resp: 125962
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





#17
Carbon Disulfide
Concen: 49.244 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

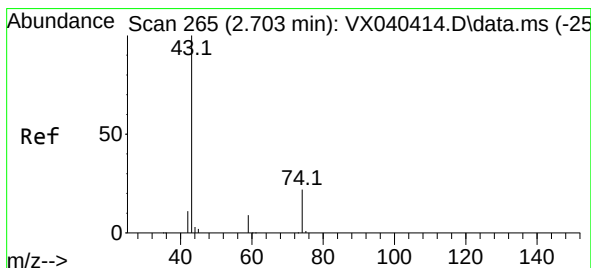
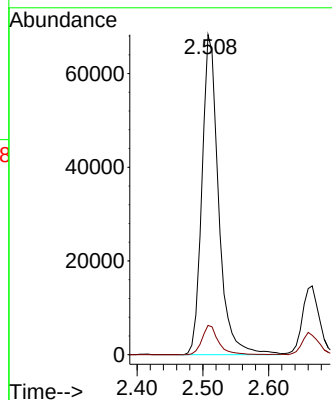
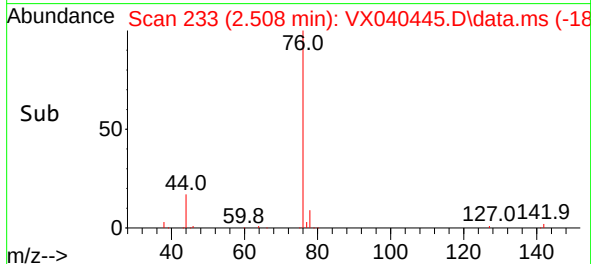
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 120052
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

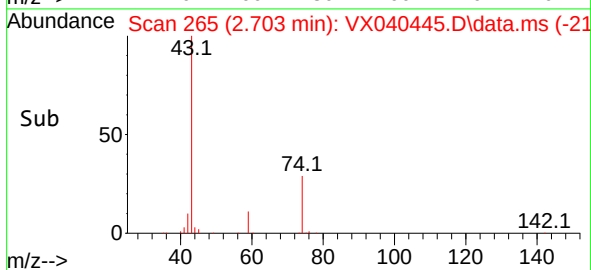
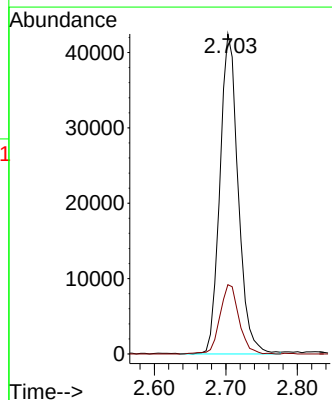
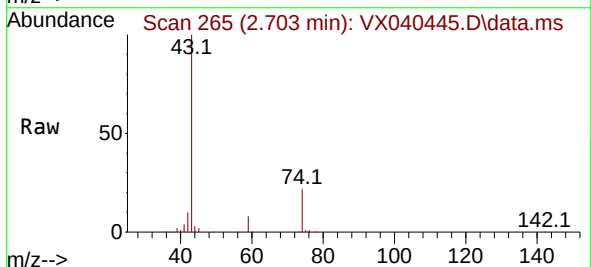
Manual Integrations
APPROVED

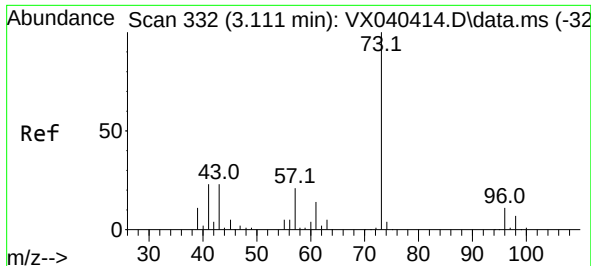
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#18
Methyl Acetate
Concen: 53.443 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 43 Resp: 75379
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





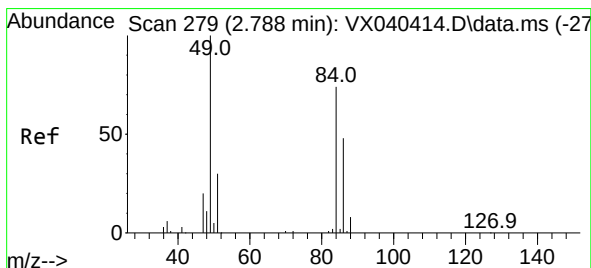
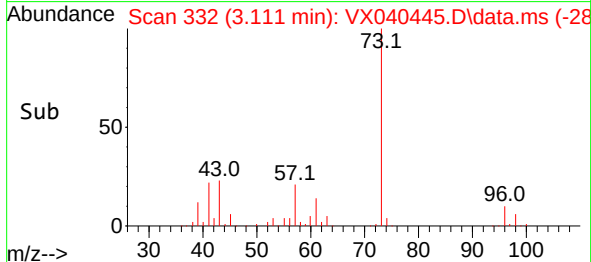
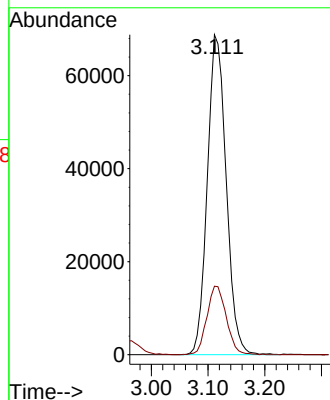
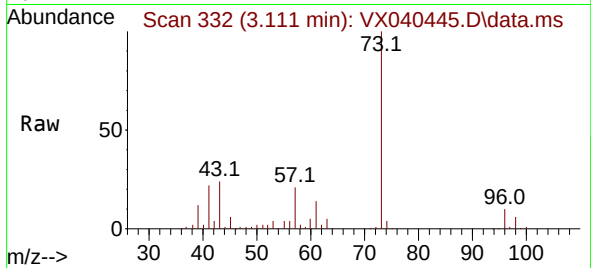
#19
Methyl tert-butyl Ether
Concen: 50.271 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 158948
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

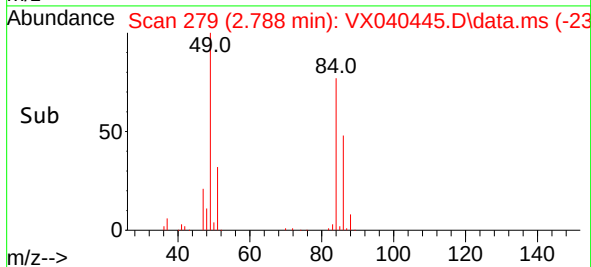
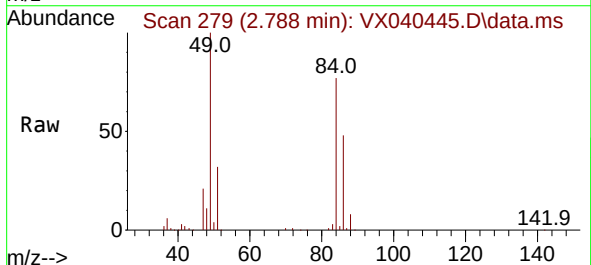
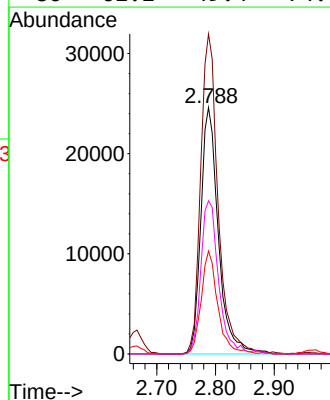
Manual Integrations
APPROVED

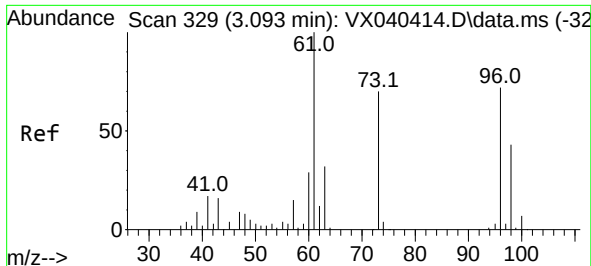
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 44.616 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

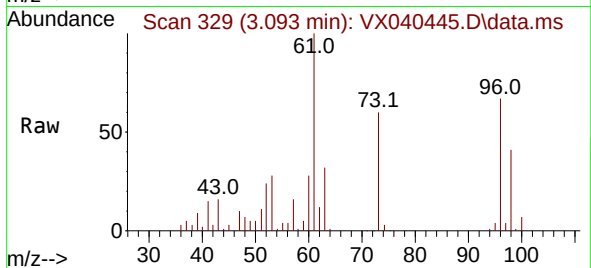
Tgt Ion: 84 Resp: 50868
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 41.7 33.8 50.6
86 62.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.507 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

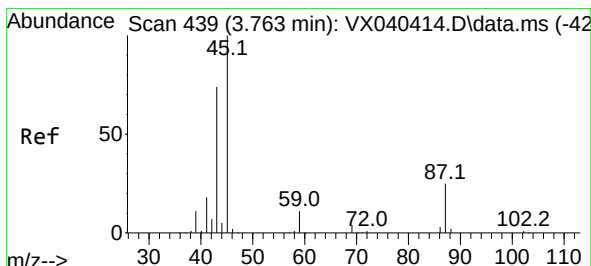
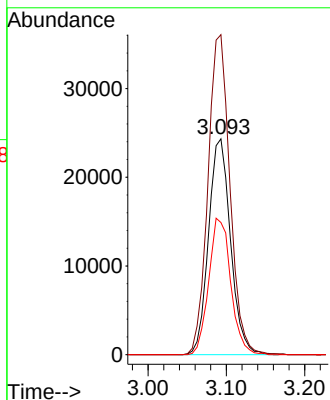
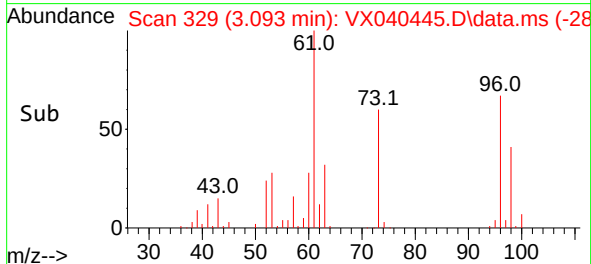
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



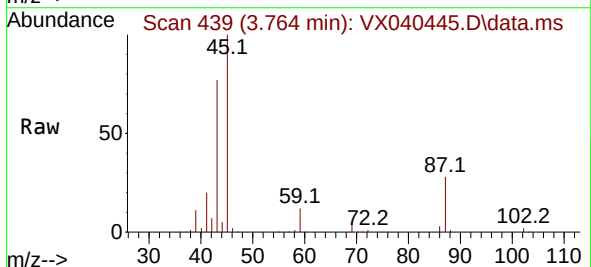
Tgt Ion: 96 Resp: 4753
Ion Ratio Lower Upper
96 100
61 148.2 119.2 178.8
98 61.2 48.7 73.1

Manual Integrations
APPROVED

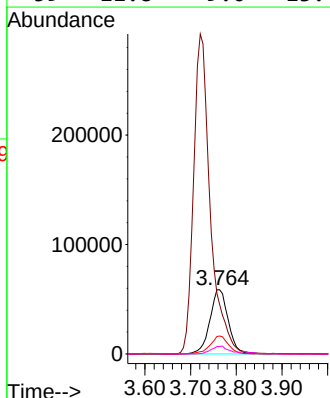
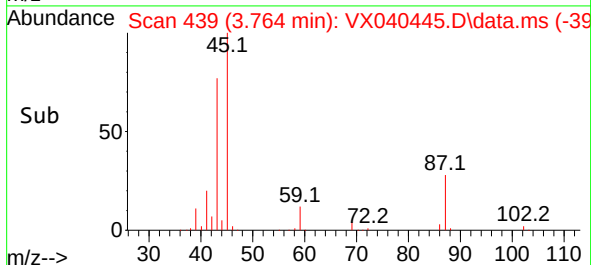
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

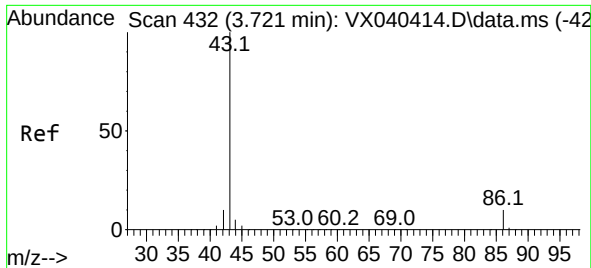


#22
Diisopropyl ether
Concen: 50.383 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



Tgt Ion: 45 Resp: 163099
Ion Ratio Lower Upper
45 100
43 76.7 69.7 104.5
87 28.0 20.8 31.2
59 11.8 9.0 13.4





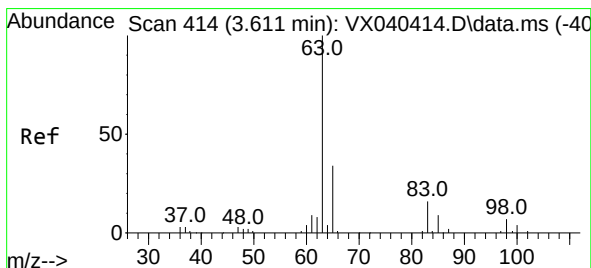
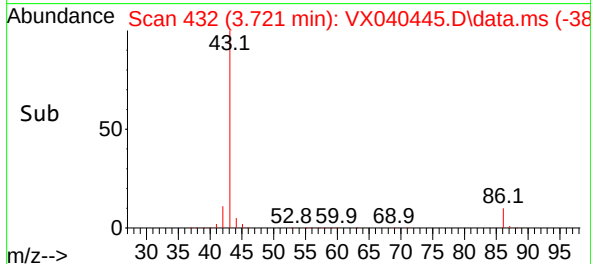
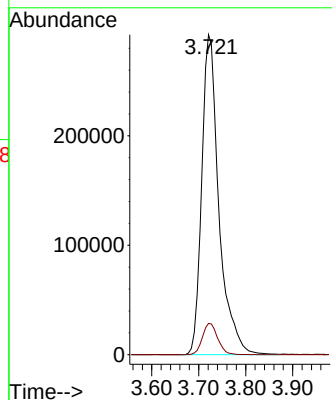
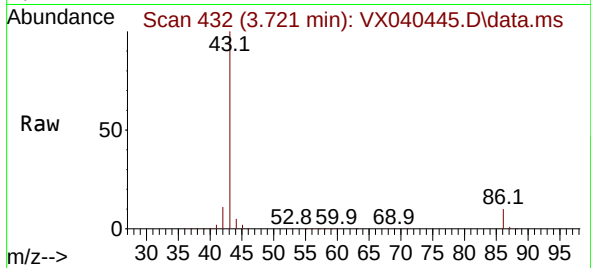
#23
 Vinyl Acetate
 Concen: 251.455 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040445.D
 Acq: 23 Feb 2024 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 74289
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

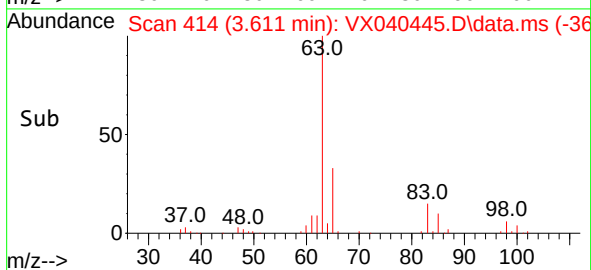
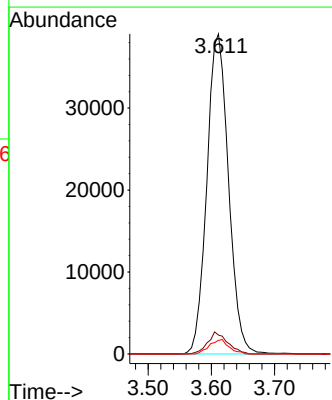
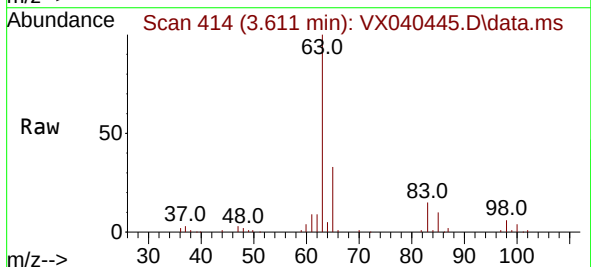
Manual Integrations
 APPROVED

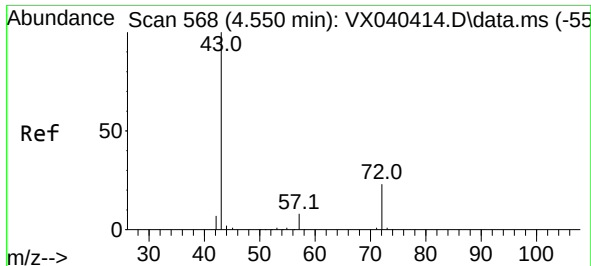
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#24
 1,1-Dichloroethane
 Concen: 49.595 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX040445.D
 Acq: 23 Feb 2024 20:23

Tgt Ion: 63 Resp: 92843
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 4.2 2.1 6.5





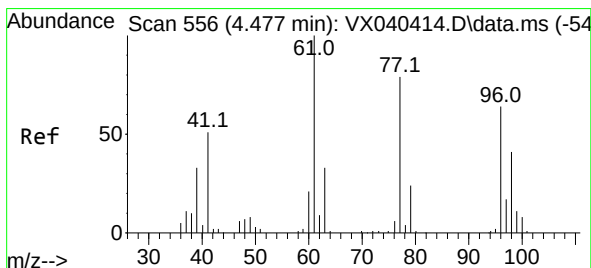
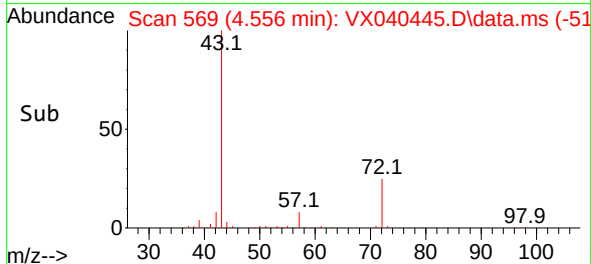
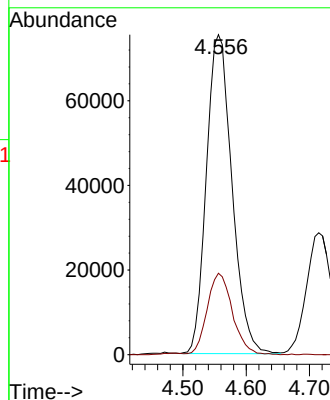
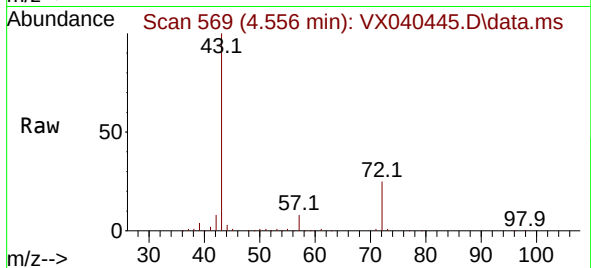
#25
2-Butanone
Concen: 249.490 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 21179
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

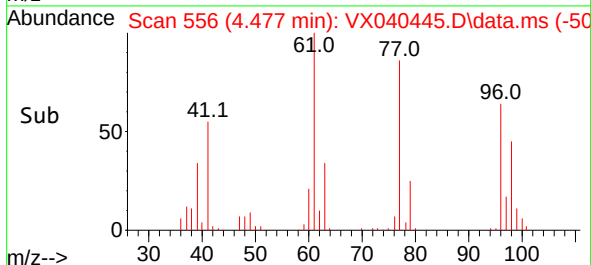
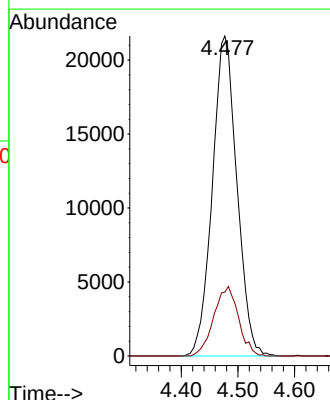
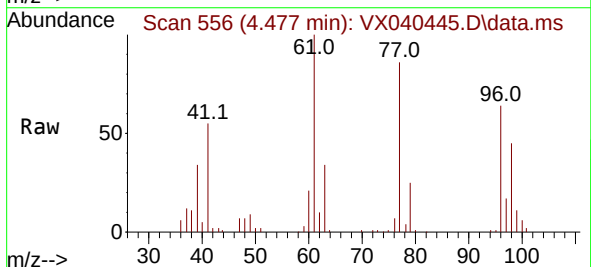
Manual Integrations
APPROVED

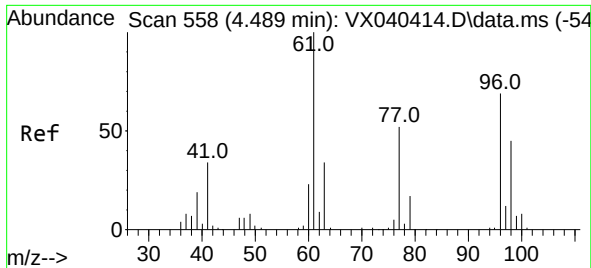
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#26
2,2-Dichloropropane
Concen: 53.265 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

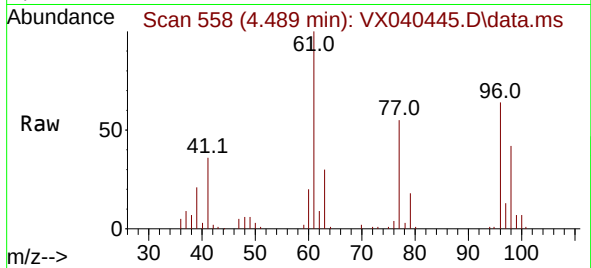
Tgt Ion: 77 Resp: 65083
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.789 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX040445.D
 Acq: 23 Feb 2024 20:23

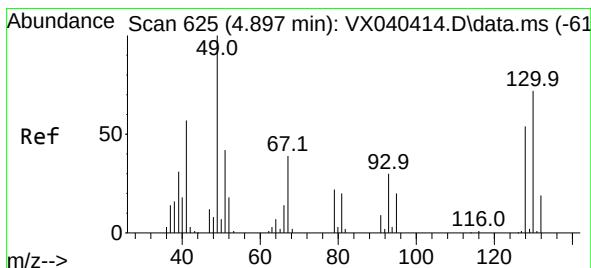
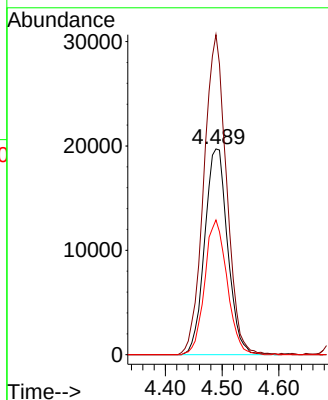
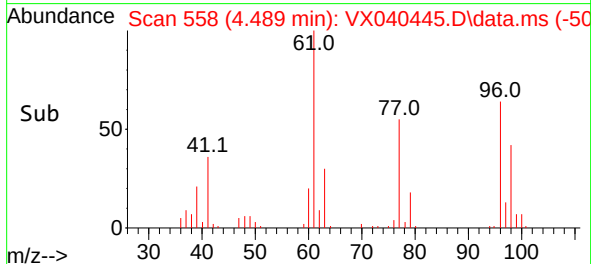
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



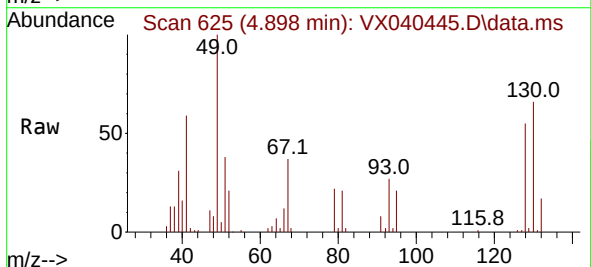
Tgt Ion: 96 Resp: 5551
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 312.2
 98 63.8 0.0 129.0

Manual Integrations
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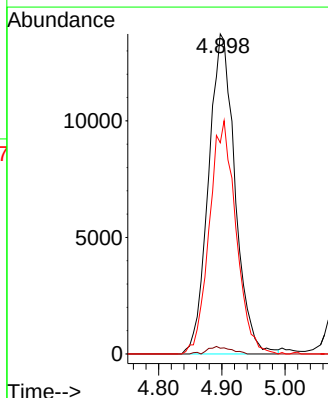
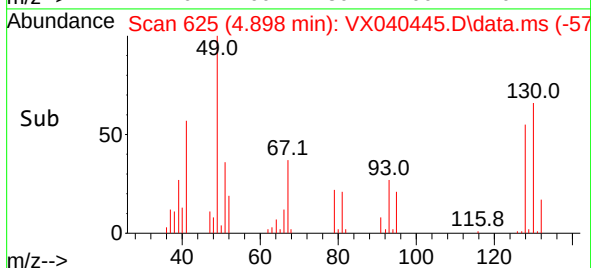
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

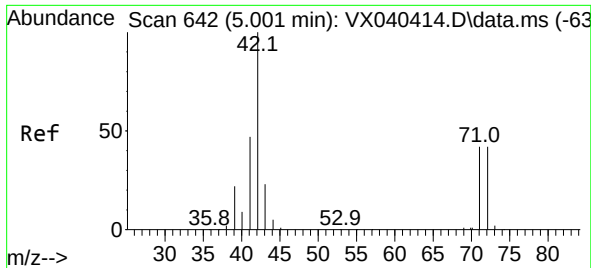


#28
 Bromochloromethane
 Concen: 45.768 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX040445.D
 Acq: 23 Feb 2024 20:23



Tgt Ion: 49 Resp: 39962
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 73.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 250.434 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 14152

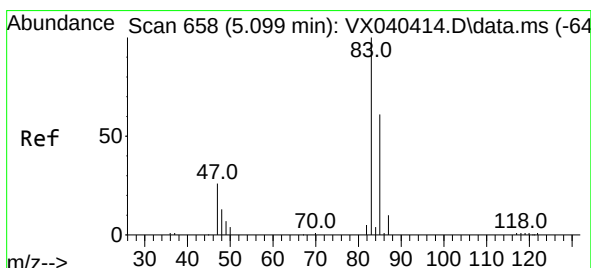
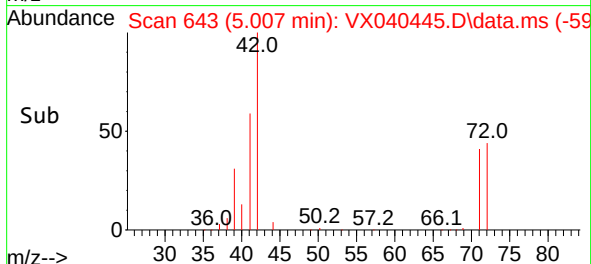
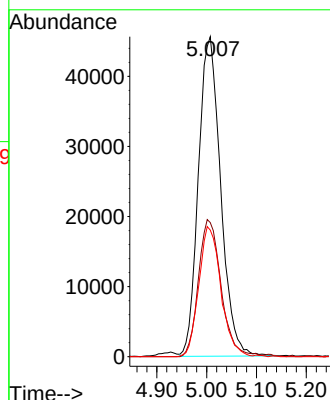
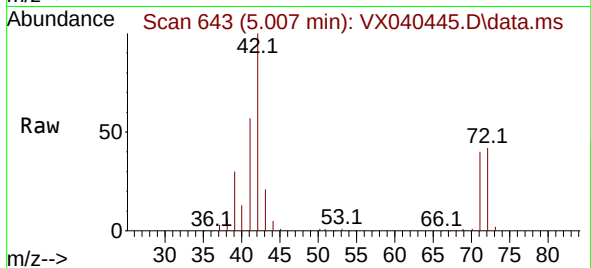
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.2	51.4
71	40.4	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#30

Chloroform

Concen: 49.217 ug/l

RT: 5.099 min Scan# 658

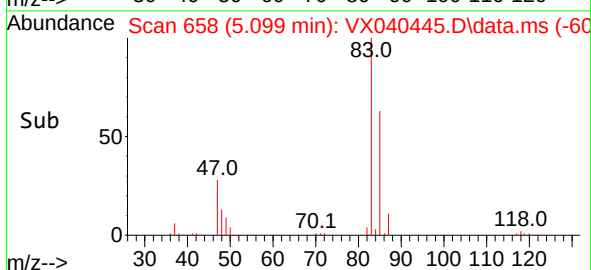
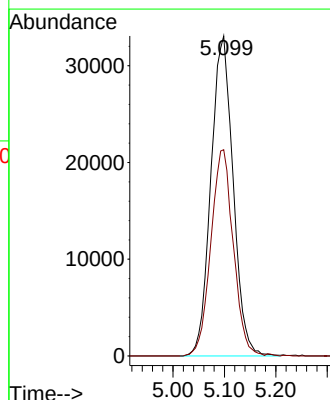
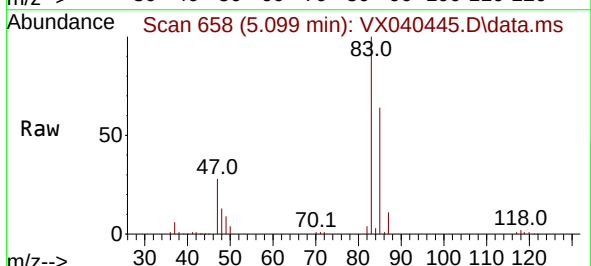
Delta R.T. 0.000 min

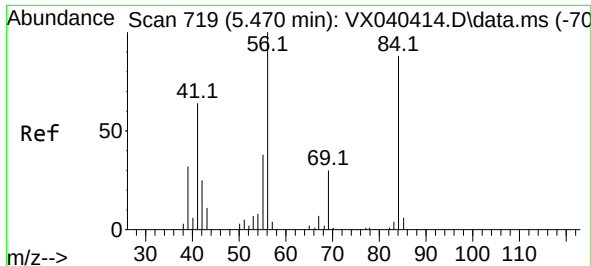
Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion: 83 Resp: 99302

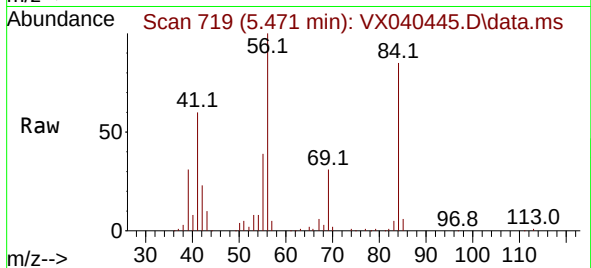
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.3	75.5





#31
Cyclohexane
Concen: 49.346 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

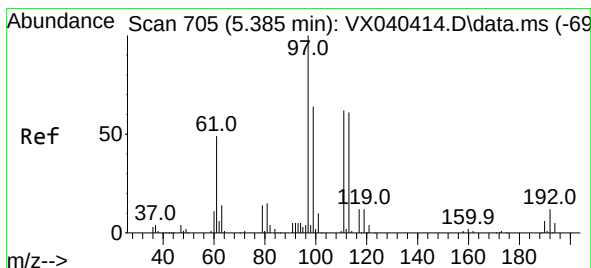
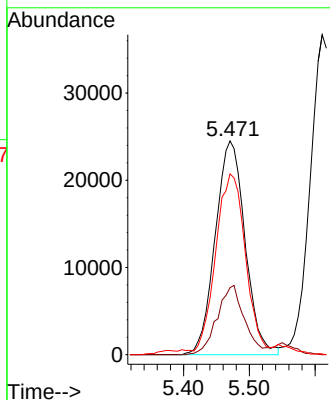
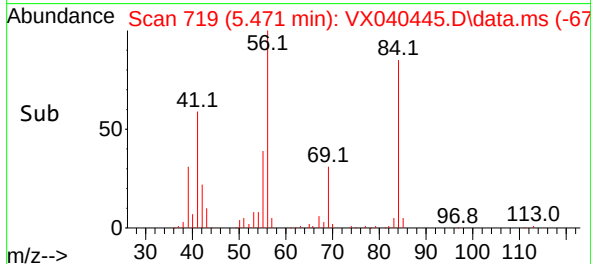
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 77314
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 82.9 65.9 98.9

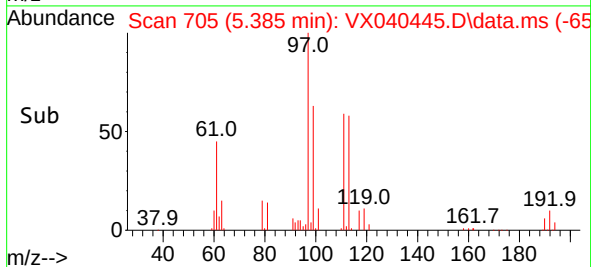
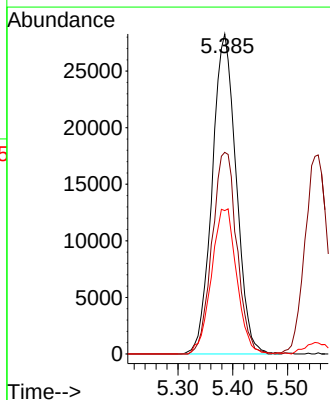
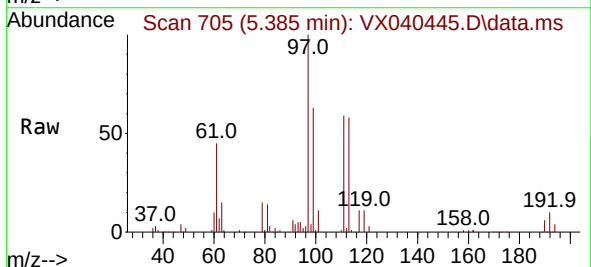
Manual Integrations
APPROVED

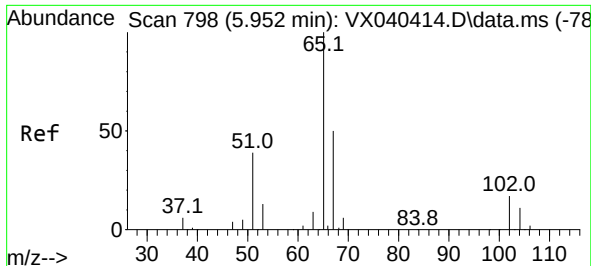
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#32
1,1,1-Trichloroethane
Concen: 51.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 97 Resp: 85966
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 47.7 36.4 54.6





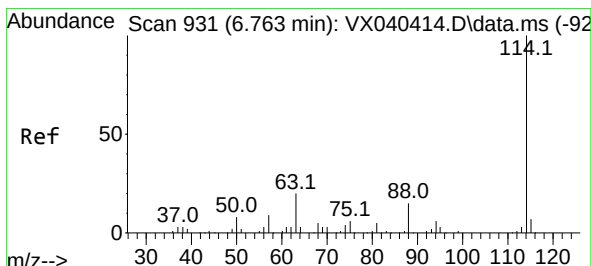
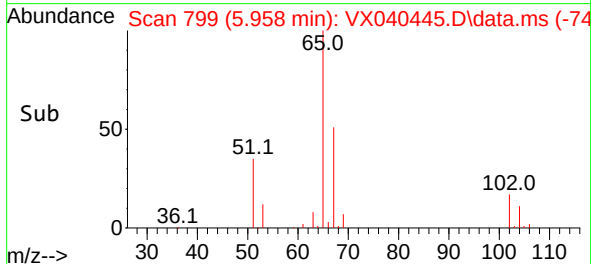
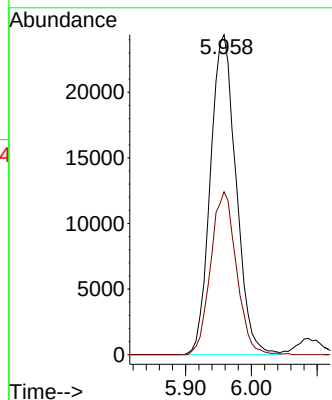
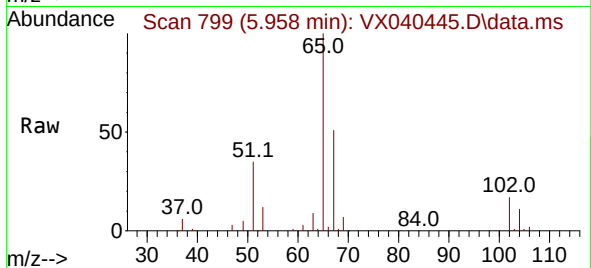
#33
1,2-Dichloroethane-d4
Concen: 50.711 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 66270
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

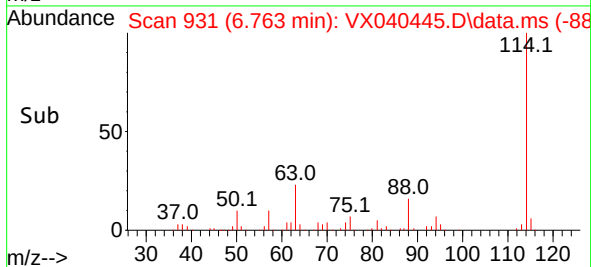
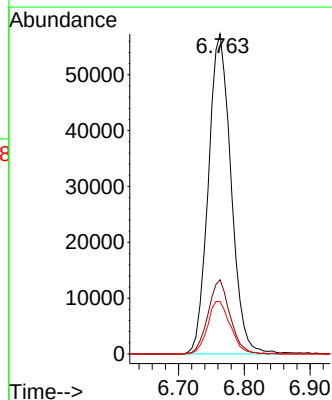
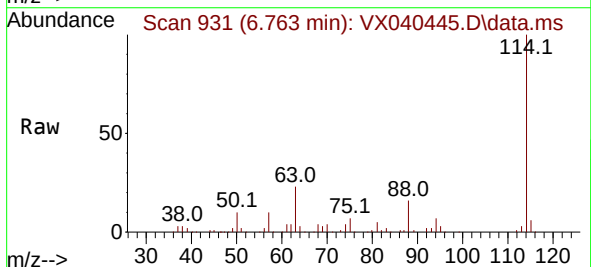
Manual Integrations
APPROVED

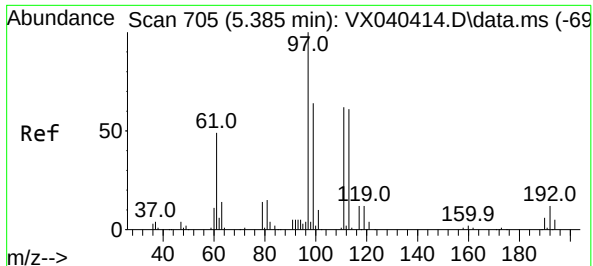
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion:114 Resp: 137719
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.261 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

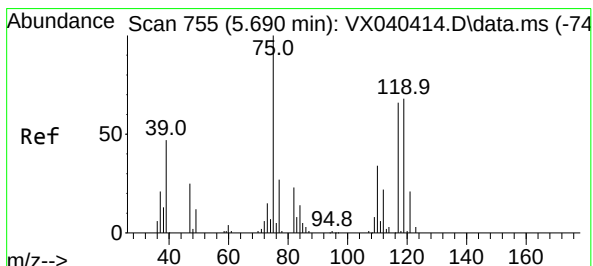
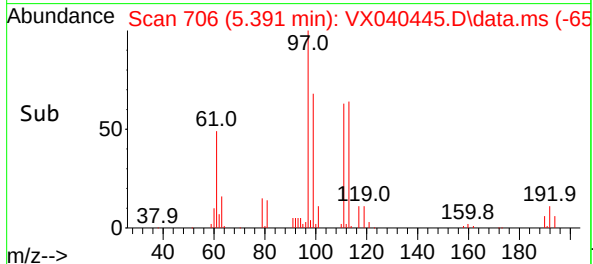
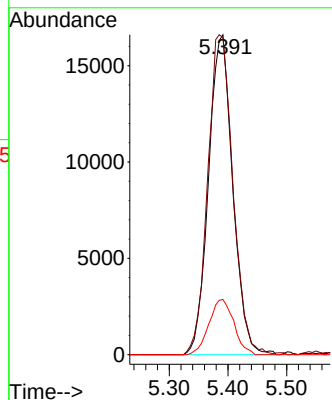
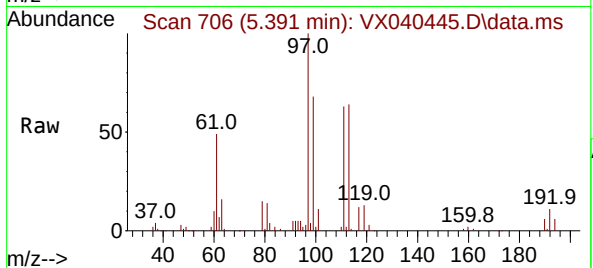
Tgt Ion:113 Resp: 4757
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 17.7 13.3 19.9

Manual Integrations

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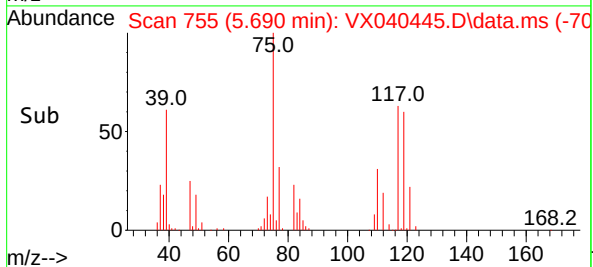
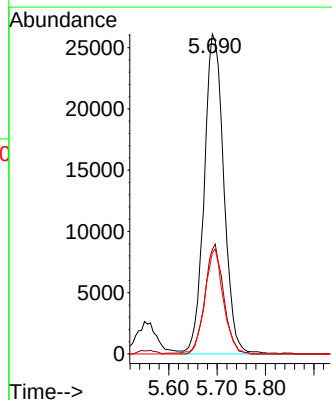
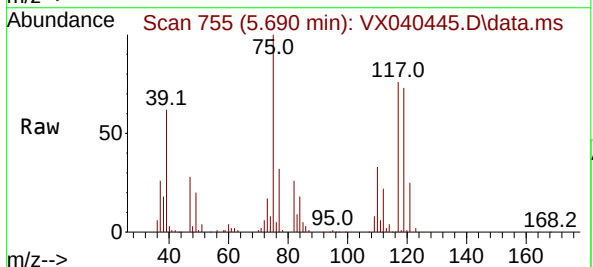
Reviewed By :John Carlone 02/26/2024

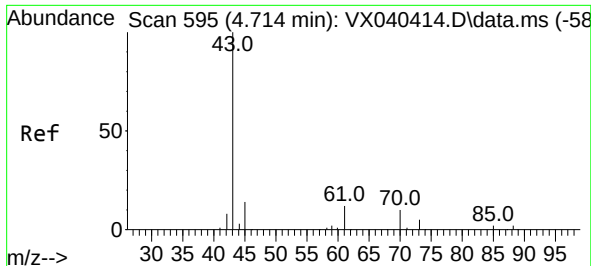
Supervised By :Mahesh Dadoda 02/26/2024



#36
1,1-Dichloropropene
Concen: 51.281 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

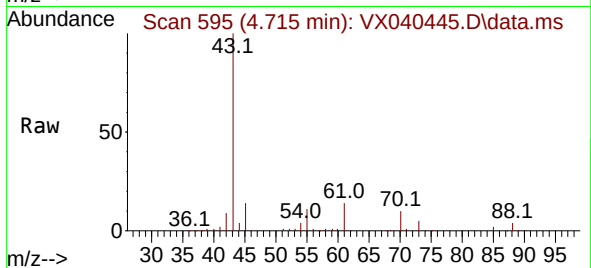
Tgt Ion: 75 Resp: 73652
Ion Ratio Lower Upper
75 100
110 32.4 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 51.308 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

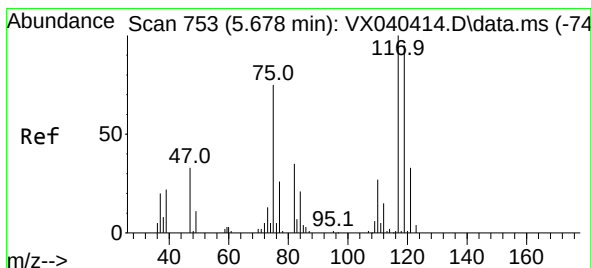
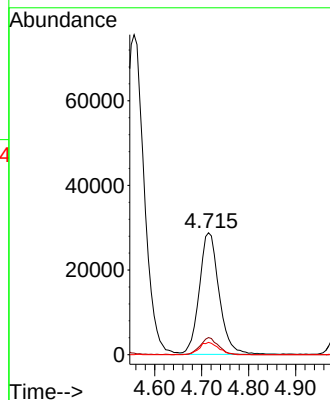
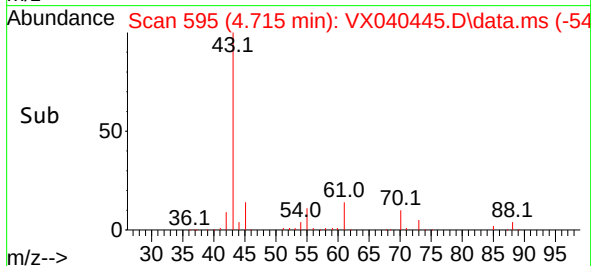
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 84194
Ion Ratio Lower Upper
43 100
61 12.9 10.6 16.0
70 9.7 8.3 12.5

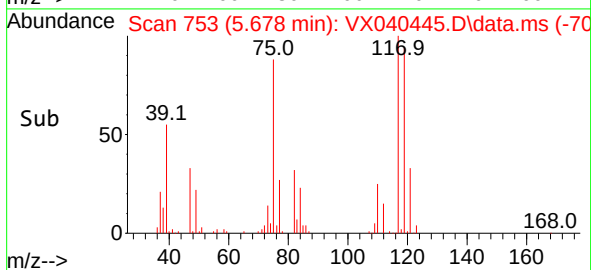
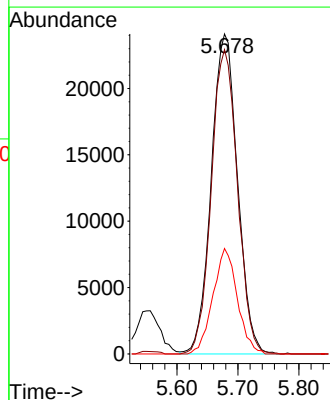
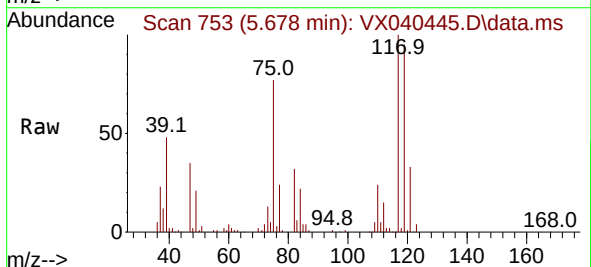
Manual Integrations
APPROVED

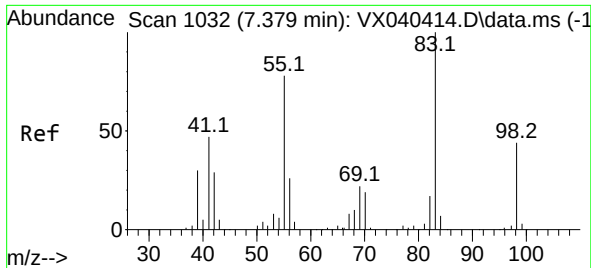
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#38
Carbon Tetrachloride
Concen: 54.334 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion:117 Resp: 72201
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.2
121 32.9 24.4 36.6





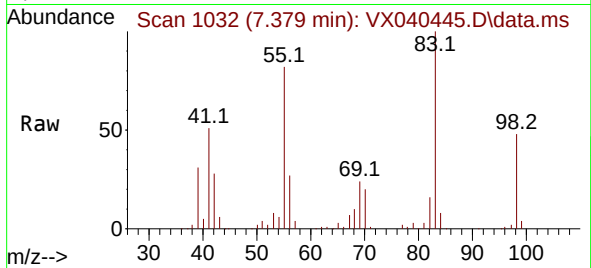
#39
Methylcyclohexane
Concen: 51.144 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



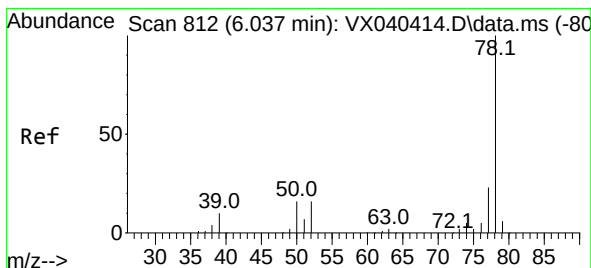
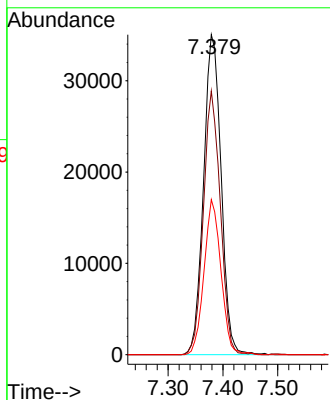
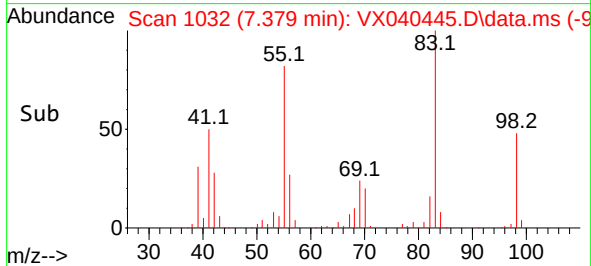
Tgt Ion: 83 Resp: 77850
Ion Ratio Lower Upper
83 100
55 82.4 64.6 97.0
98 48.4 36.7 55.1

Manual Integrations

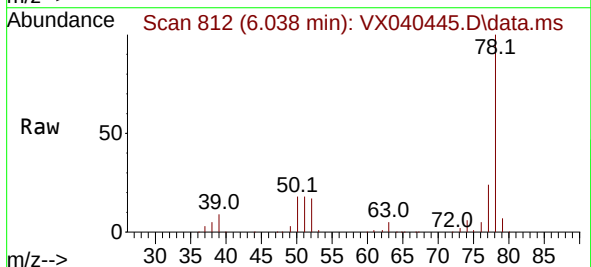
APPROVED

Reviewed By :John Carlone 02/26/2024

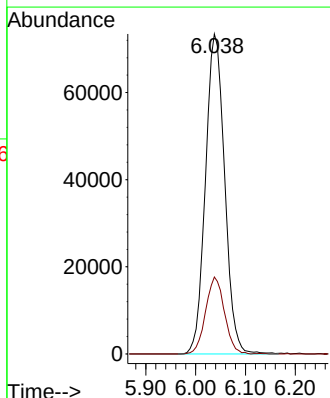
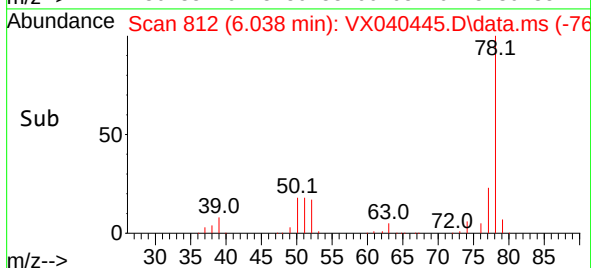
Supervised By :Mahesh Dadoda 02/26/2024

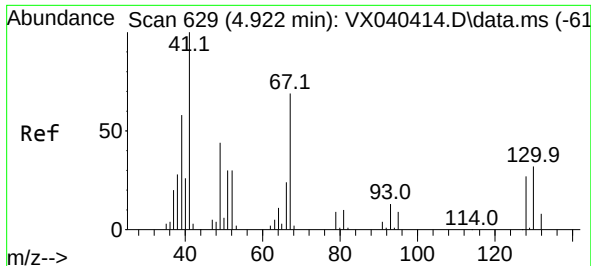


#40
Benzene
Concen: 50.255 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



Tgt Ion: 78 Resp: 196359
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 52.068 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

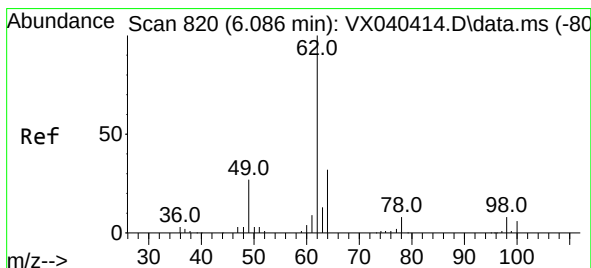
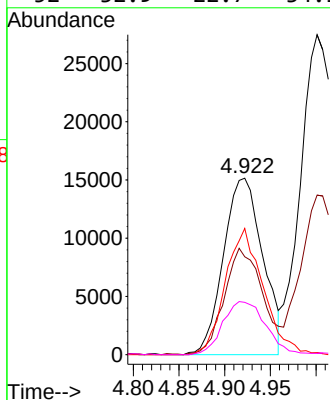
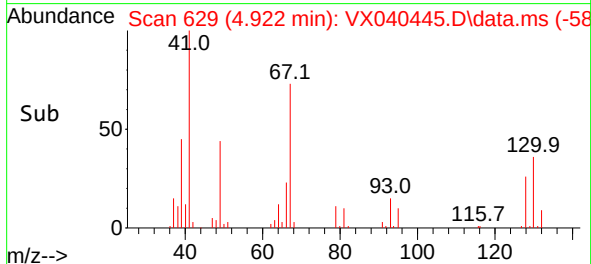
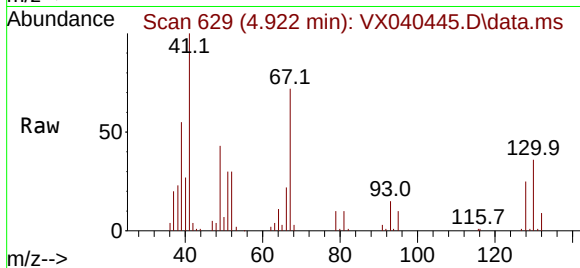
VSTDCCC050EC

Tgt Ion: 41 Resp: 45369
Ion Ratio Lower Upper
41 100
39 60.2 45.2 67.8
67 69.3 52.6 78.8
52 32.9 22.7 34.1

Manual Integrations

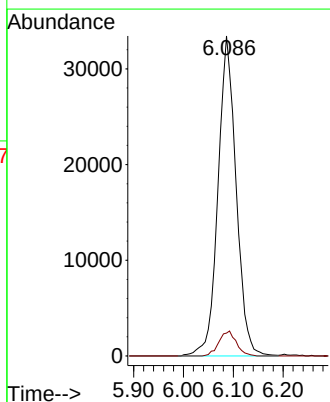
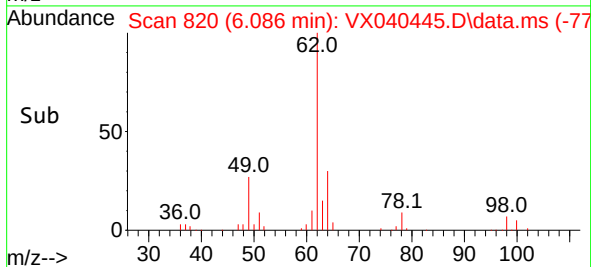
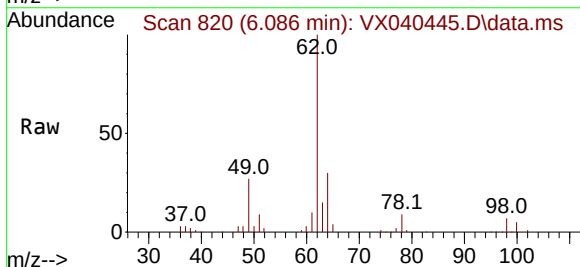
APPROVED

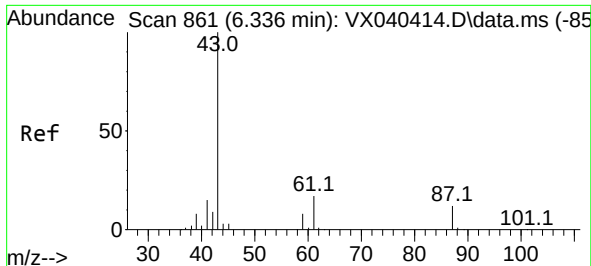
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 52.048 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 62 Resp: 84517
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.070 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 131100

Ion Ratio Lower Upper

43 100

61 18.0 15.2 22.8

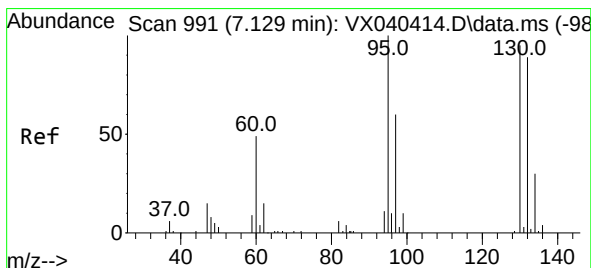
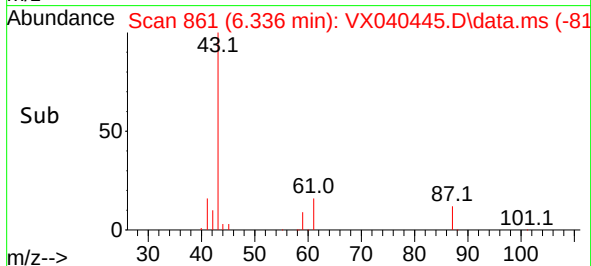
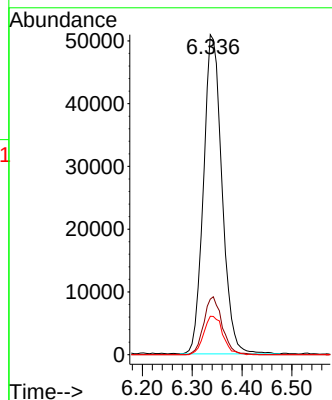
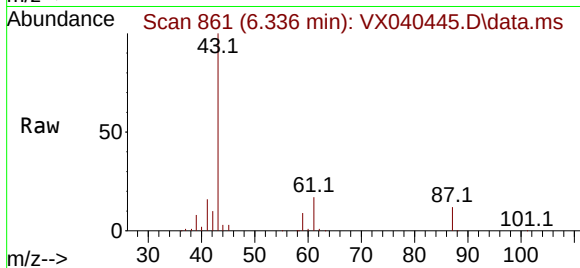
87 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#44

Trichloroethene

Concen: 50.888 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040445.D

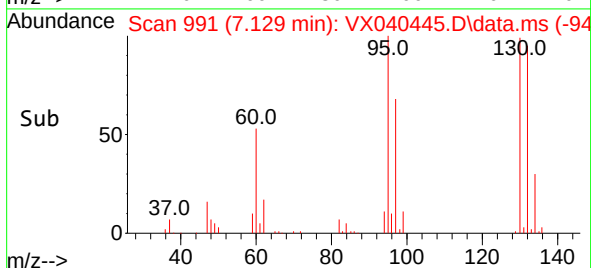
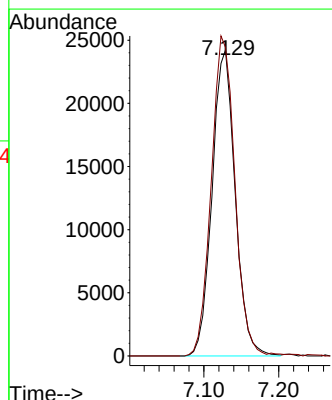
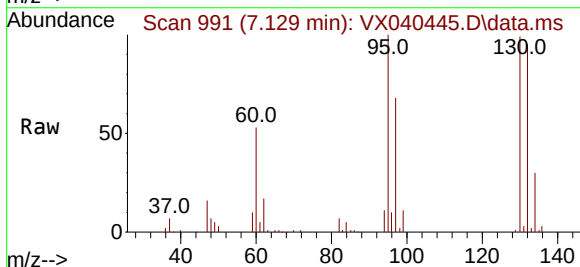
Acq: 23 Feb 2024 20:23

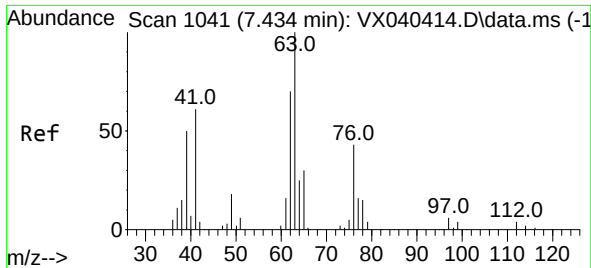
Tgt Ion:130 Resp: 52003

Ion Ratio Lower Upper

130 100

95 100.9 0.0 204.4





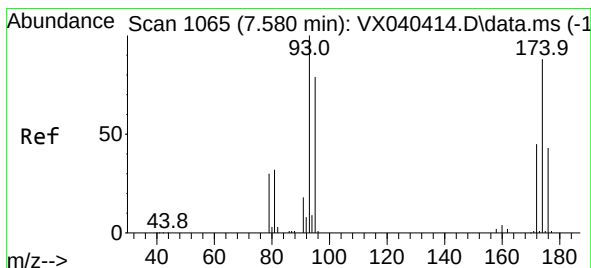
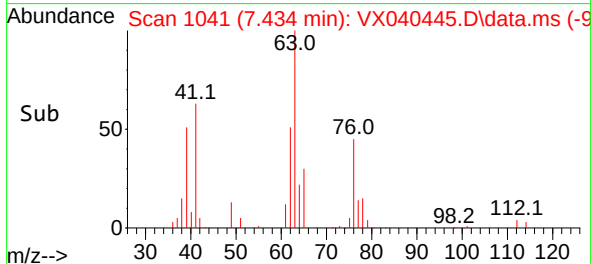
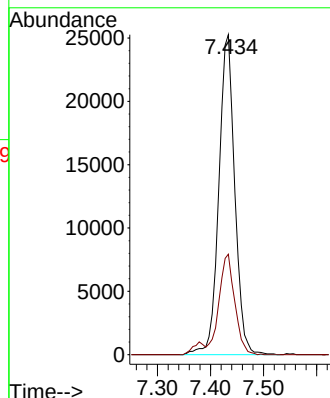
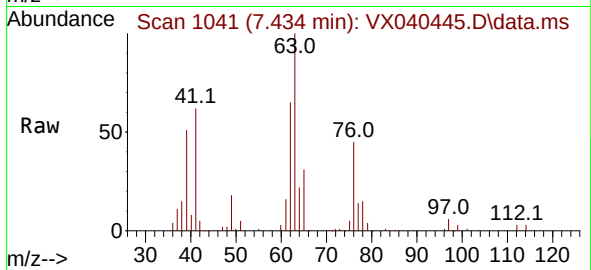
#45
1,2-Dichloropropane
Concen: 50.556 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 5271
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5

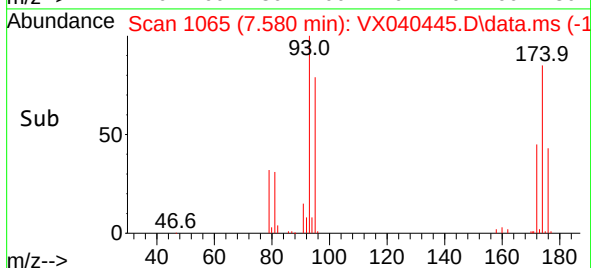
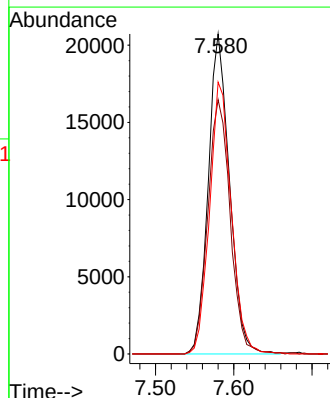
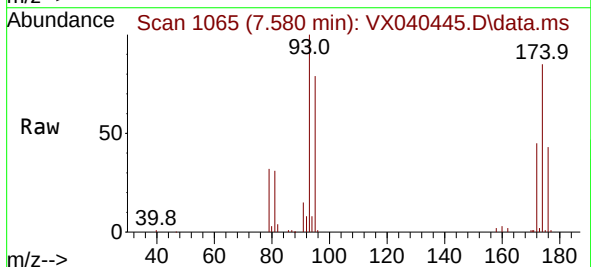
Manual Integrations
APPROVED

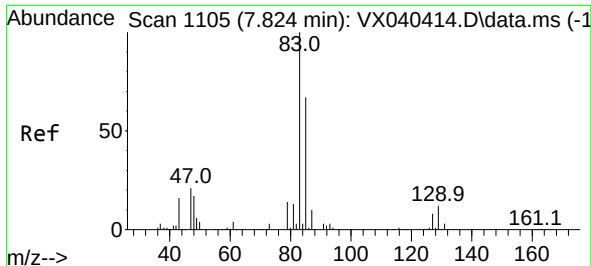
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#46
Dibromomethane
Concen: 50.047 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 93 Resp: 39153
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 86.7 69.4 104.0





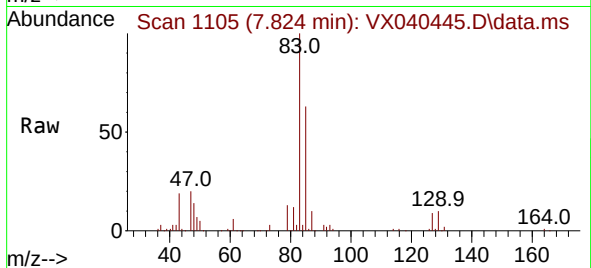
#47
Bromodichloromethane
Concen: 52.663 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



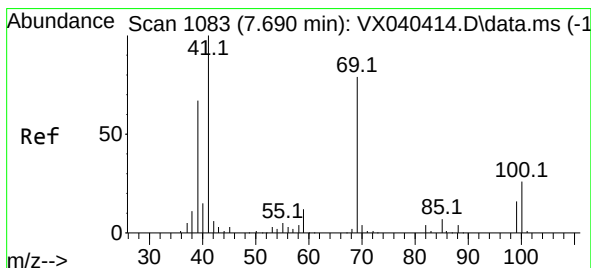
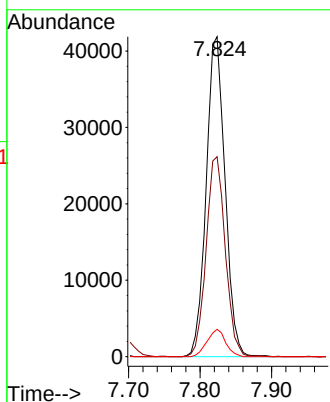
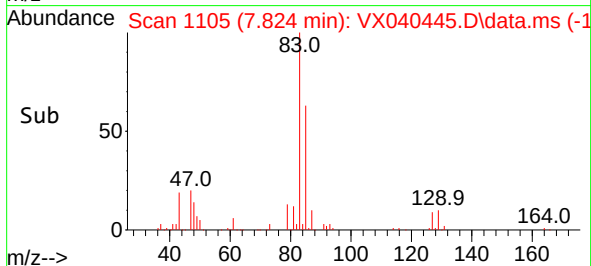
Tgt Ion: 83 Resp: 76670
Ion Ratio Lower Upper
83 100
85 62.5 49.8 74.6
127 8.6 7.1 10.7

Manual Integrations

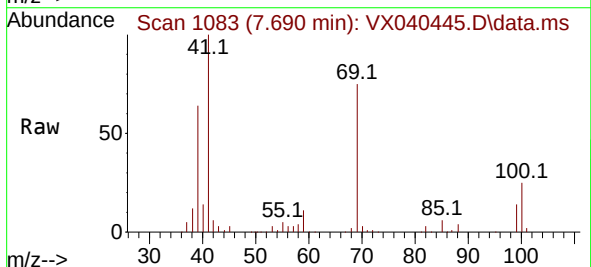
APPROVED

Reviewed By :John Carlone 02/26/2024

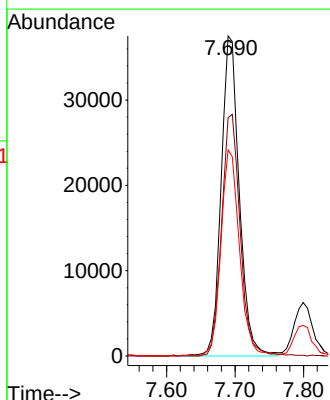
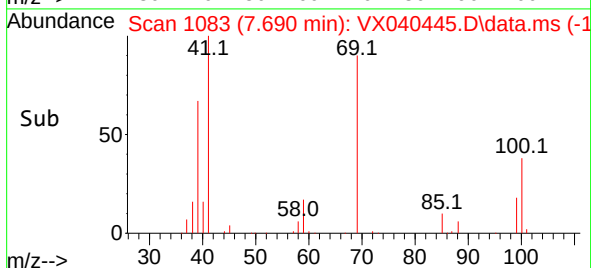
Supervised By :Mahesh Dadoda 02/26/2024

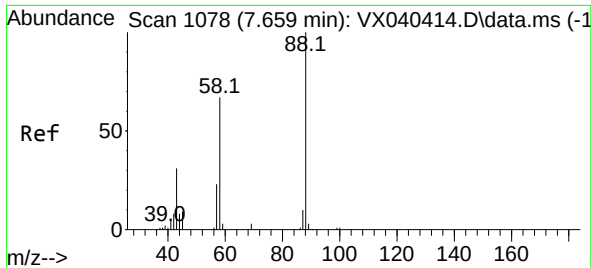


#48
Methyl methacrylate
Concen: 55.176 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



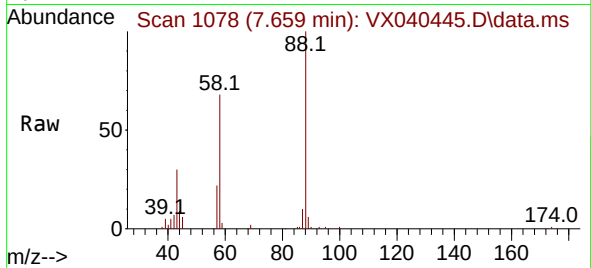
Tgt Ion: 41 Resp: 68801
Ion Ratio Lower Upper
41 100
69 77.2 59.2 88.8
39 65.7 47.7 71.5





#49
1,4-Dioxane
Concen: 971.163 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

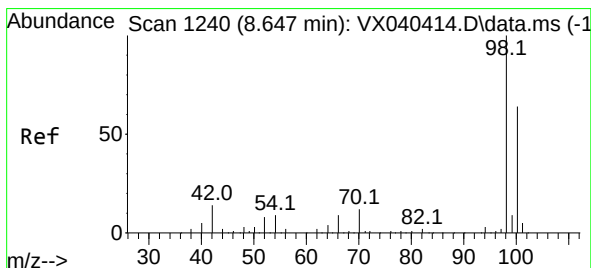
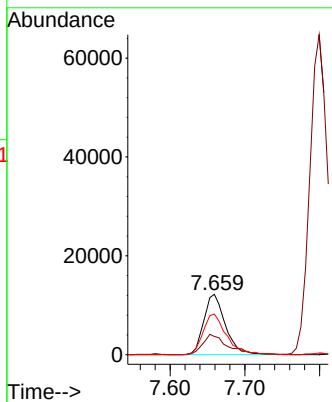
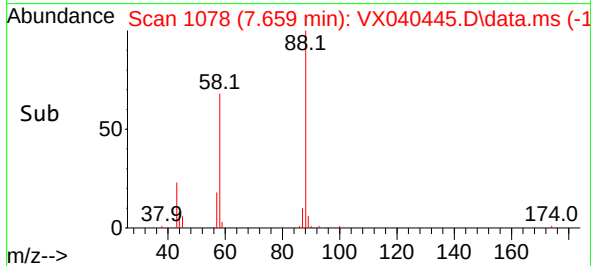
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 24409
Ion Ratio Lower Upper
88 100
43 39.6 0.0 0.0
58 72.8 60.1 90.1

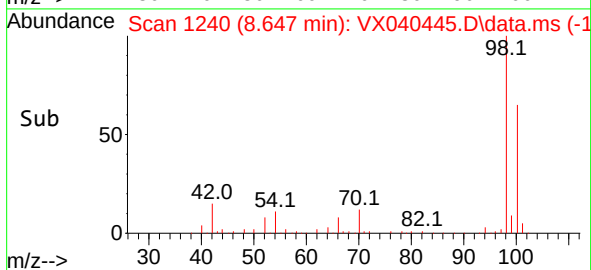
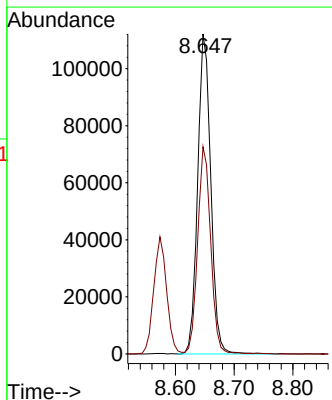
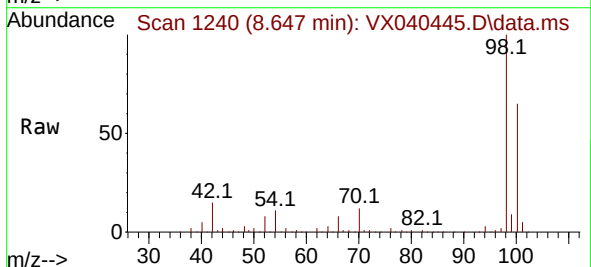
Manual Integrations
APPROVED

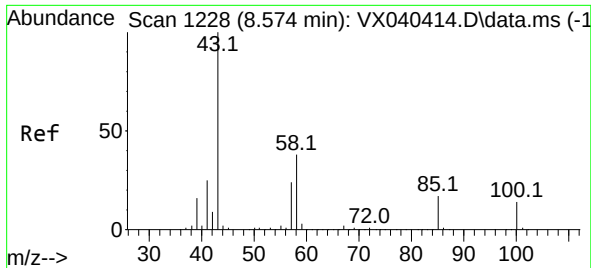
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#50
Toluene-d8
Concen: 51.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 98 Resp: 173310
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





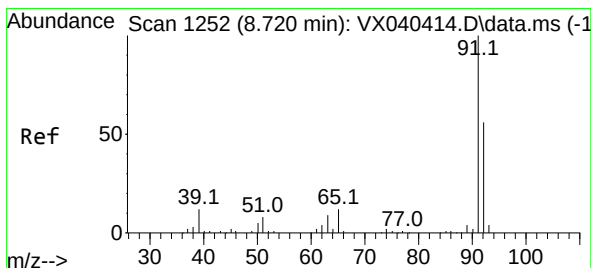
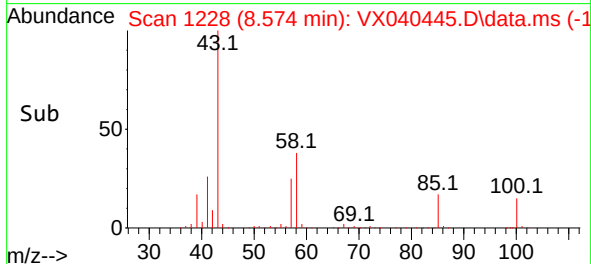
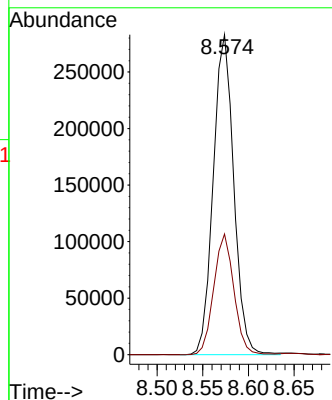
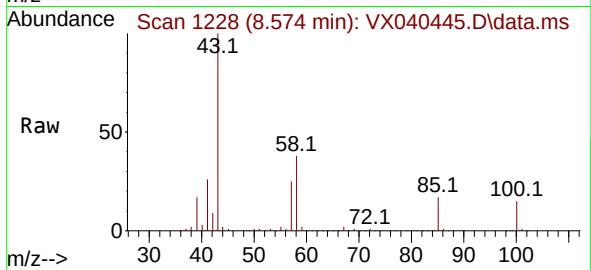
#51
4-Methyl-2-Pentanone
Concen: 258.364 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 441828
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6

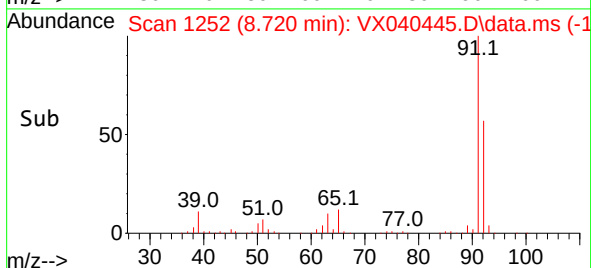
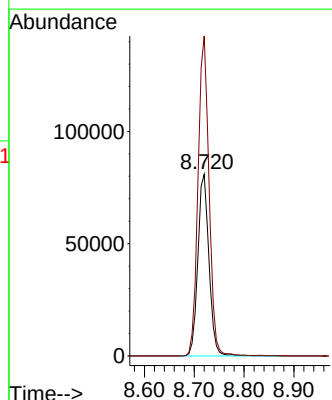
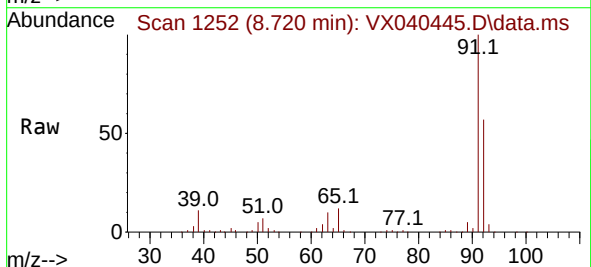
Manual Integrations
APPROVED

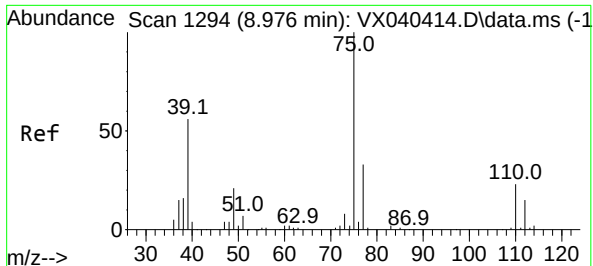
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
Toluene
Concen: 52.249 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 92 Resp: 125109
Ion Ratio Lower Upper
92 100
91 174.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.985 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7924

Ion Ratio Lower Upper

75 100

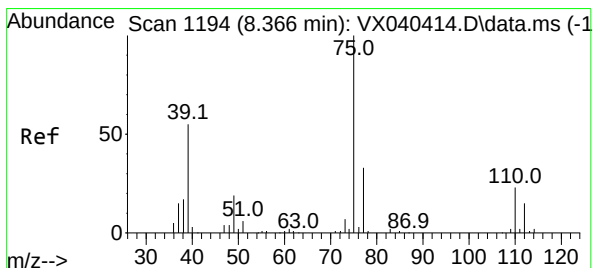
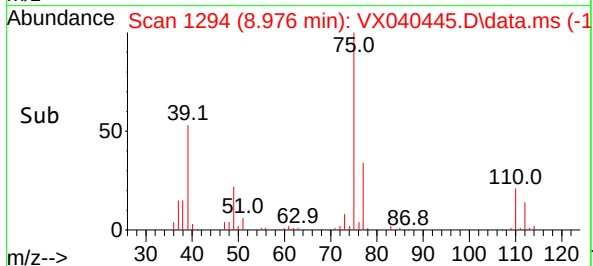
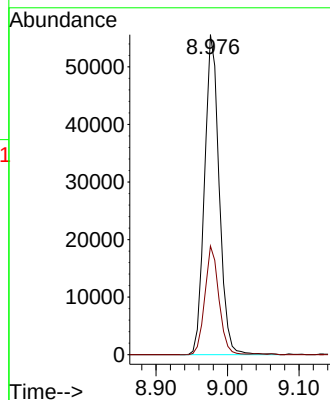
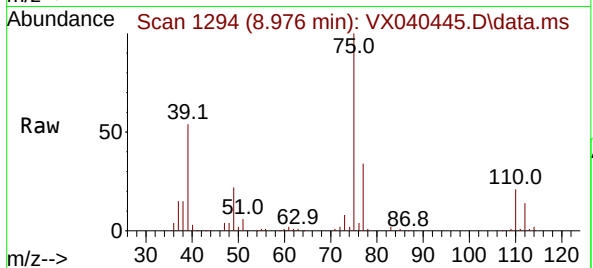
77 34.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#54

cis-1,3-Dichloropropene

Concen: 53.099 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

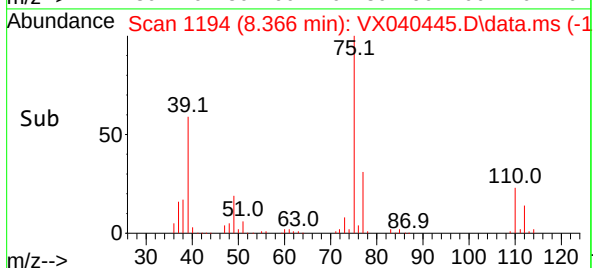
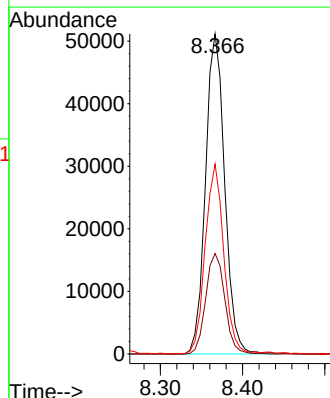
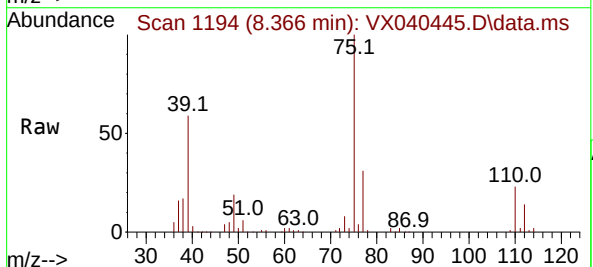
Tgt Ion: 75 Resp: 83031

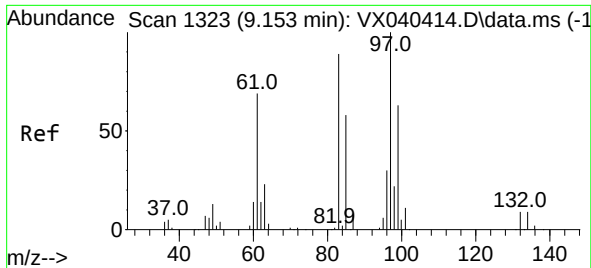
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

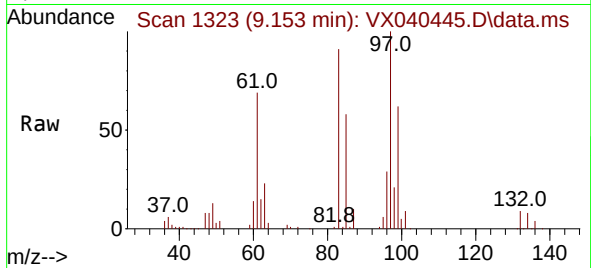
39 59.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.812 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

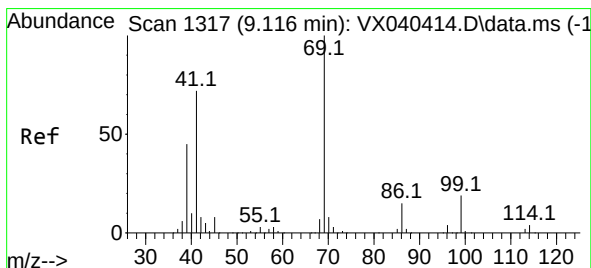
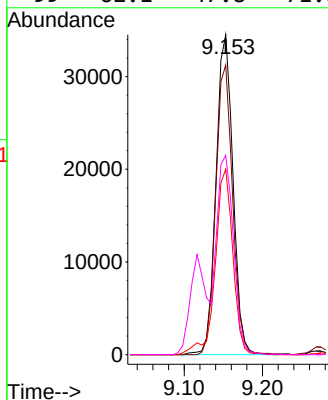
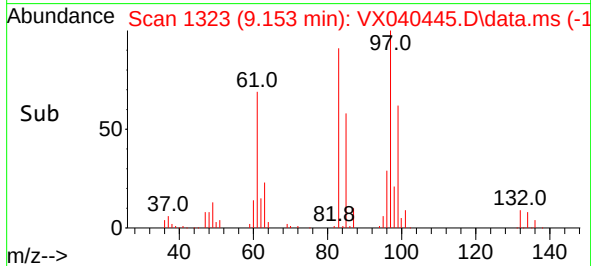
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



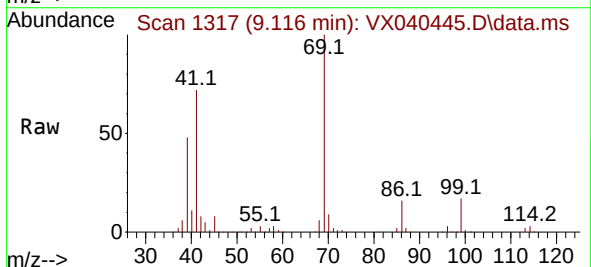
Tgt Ion: 97 Resp: 52090
Ion Ratio Lower Upper
97 100
83 90.6 65.8 98.8
85 58.0 41.6 62.4
99 62.1 47.8 71.8

Manual Integrations
APPROVED

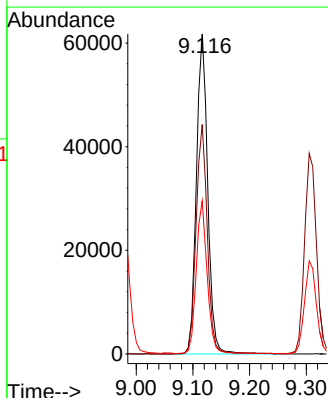
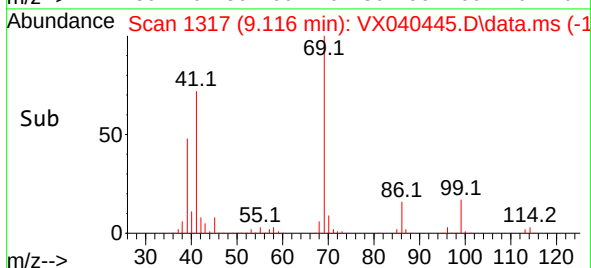
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

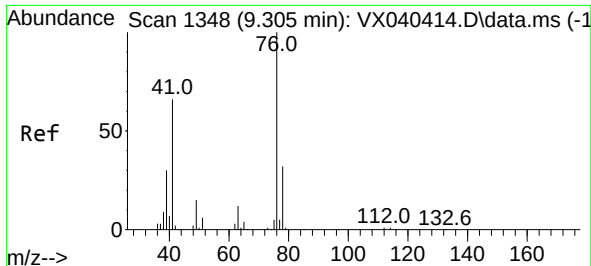


#56
Ethyl methacrylate
Concen: 54.459 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



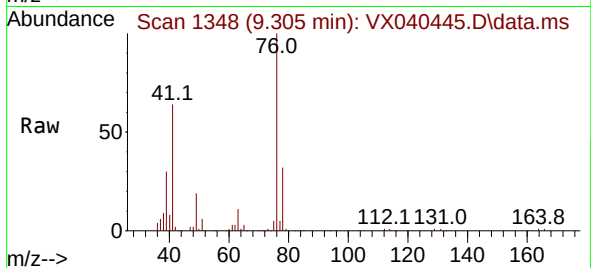
Tgt Ion: 69 Resp: 85314
Ion Ratio Lower Upper
69 100
41 71.4 56.8 85.2
39 46.4 32.0 48.0





#57
1,3-Dichloropropane
Concen: 50.352 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

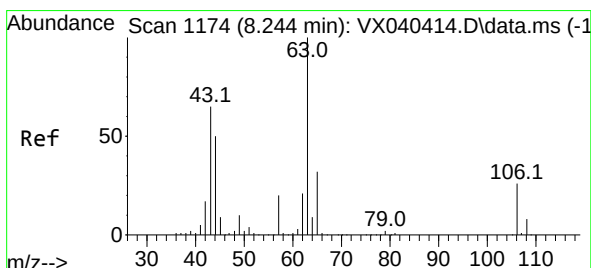
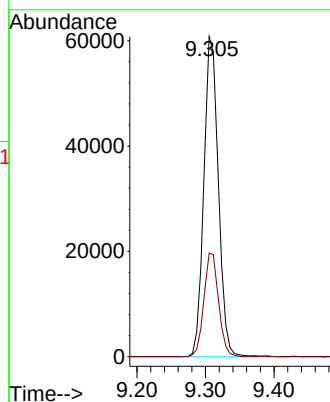
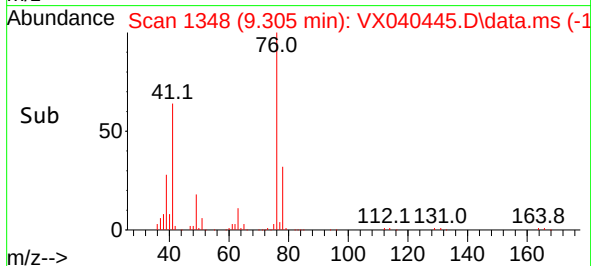
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



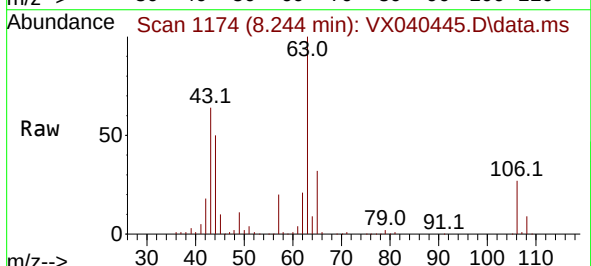
Tgt Ion: 76 Resp: 8993
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

Manual Integrations
APPROVED

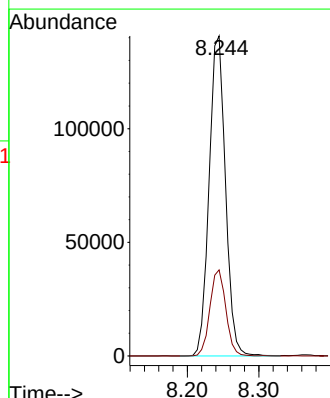
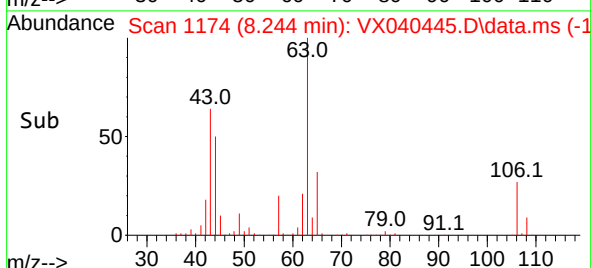
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

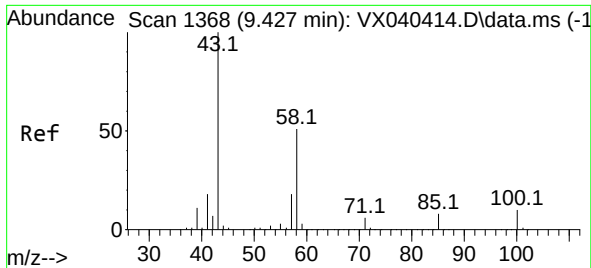


#58
2-Chloroethyl Vinyl ether
Concen: 284.775 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



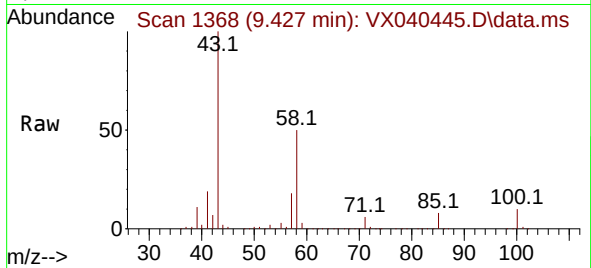
Tgt Ion: 63 Resp: 223695
Ion Ratio Lower Upper
63 100
106 26.2 22.5 33.7





#59
2-Hexanone
Concen: 265.766 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

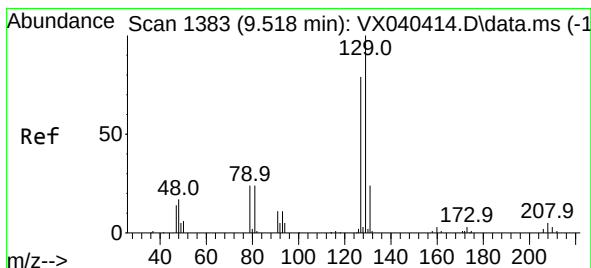
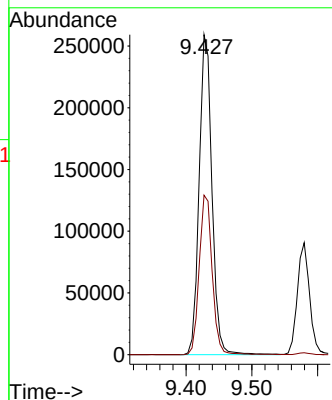
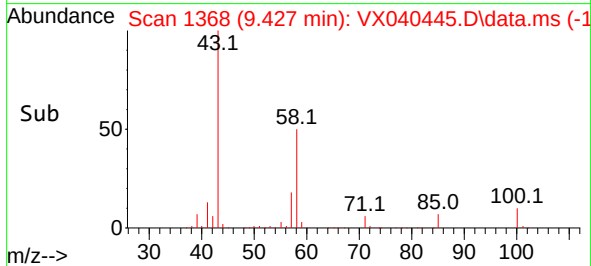
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 350518
Ion Ratio Lower Upper
43 100
58 50.6 26.2 78.5

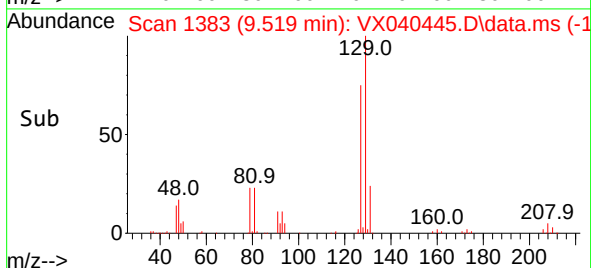
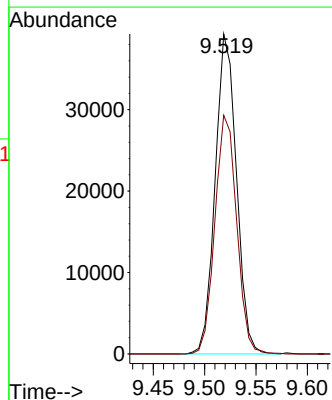
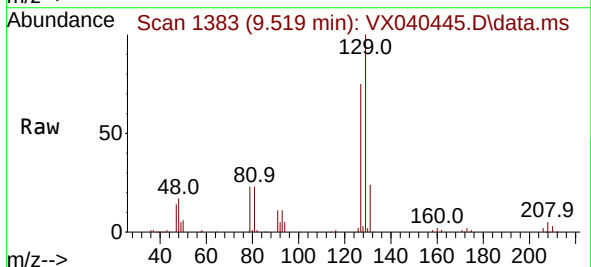
Manual Integrations
APPROVED

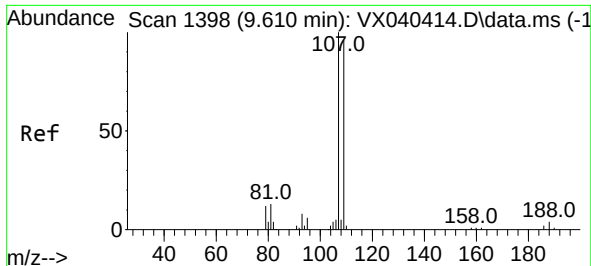
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 54.823 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

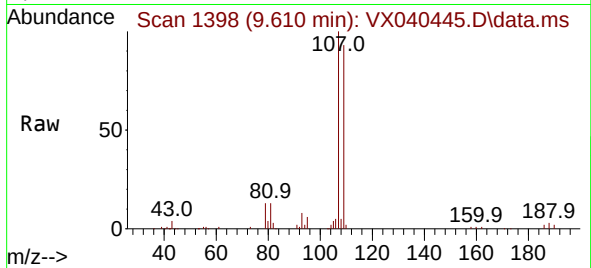
Tgt Ion:129 Resp: 56363
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.968 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

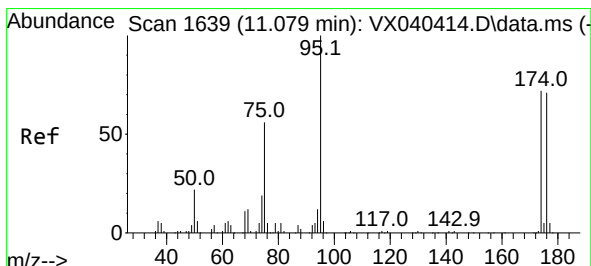
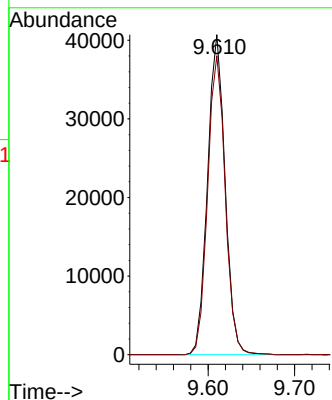
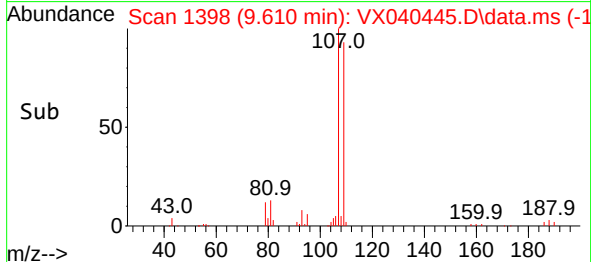
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



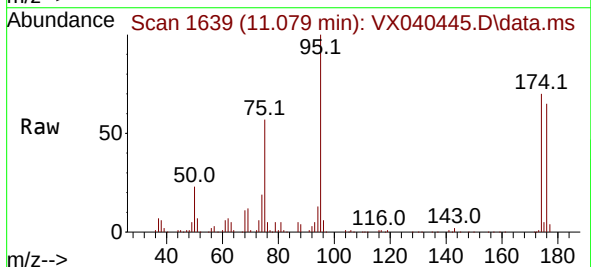
Tgt Ion:107 Resp: 57268
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
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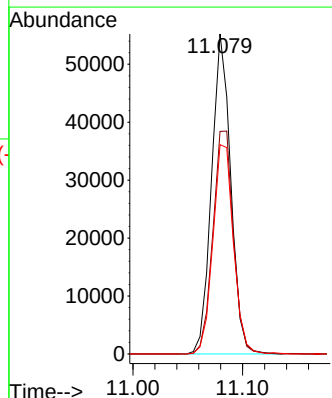
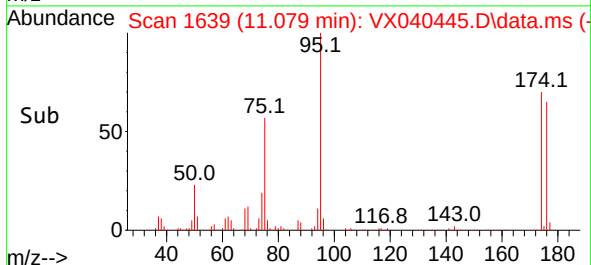
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

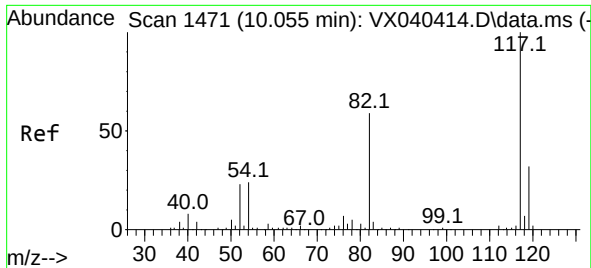


#62
4-Bromofluorobenzene
Concen: 49.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



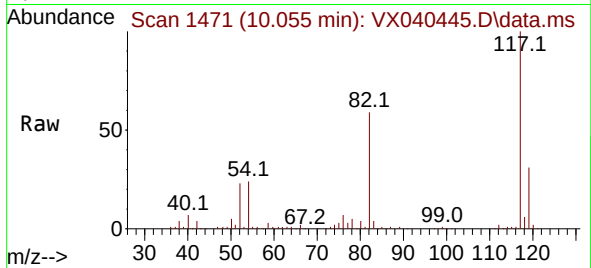
Tgt Ion: 95 Resp: 67125
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 70.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

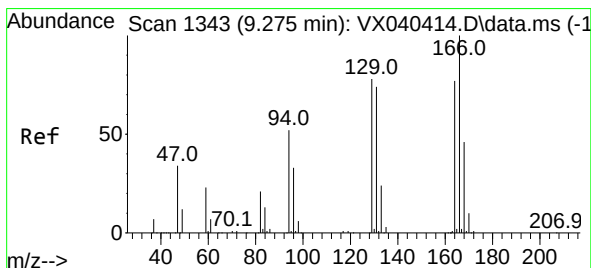
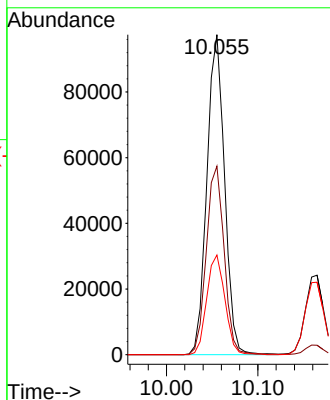
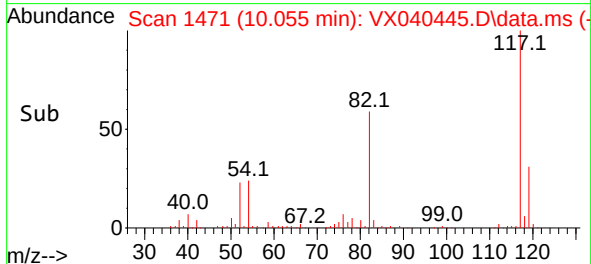
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 130440
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.2 25.5 38.3

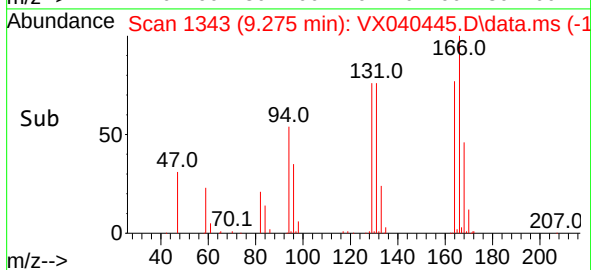
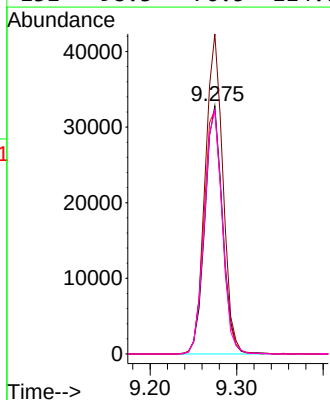
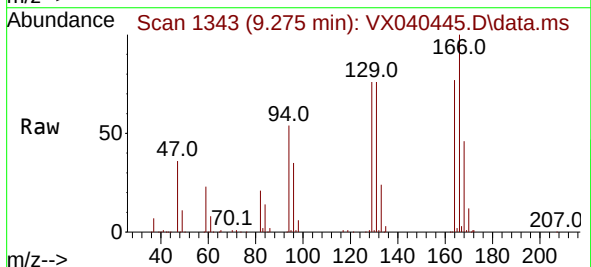
Manual Integrations
APPROVED

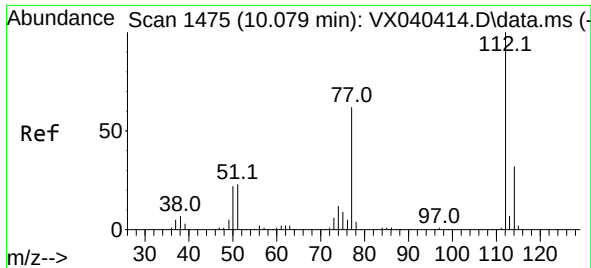
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Tetrachloroethene
Concen: 48.808 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion:164 Resp: 46598
Ion Ratio Lower Upper
164 100
166 129.1 102.7 154.1
129 98.4 80.4 120.6
131 98.3 76.5 114.7





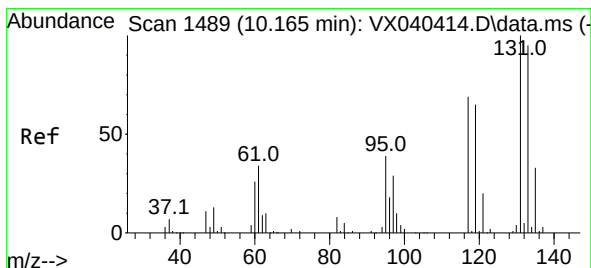
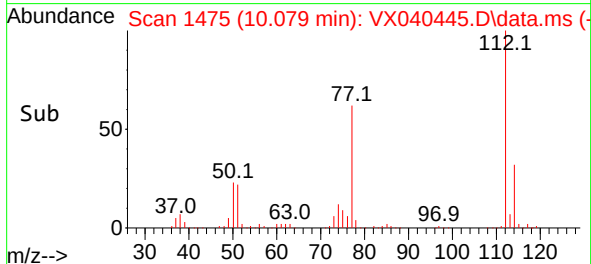
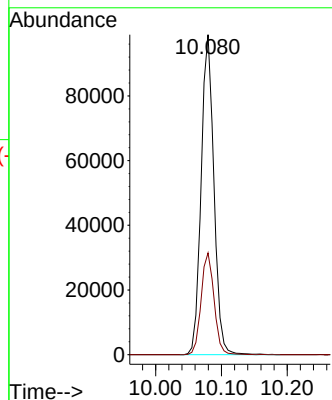
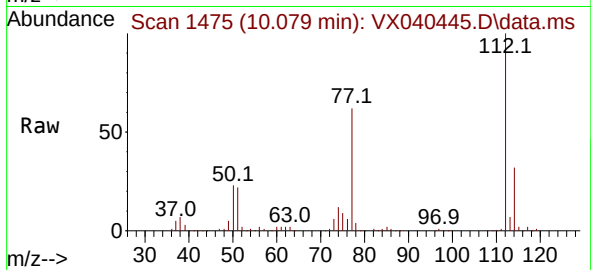
#65
Chlorobenzene
Concen: 50.750 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 133318
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

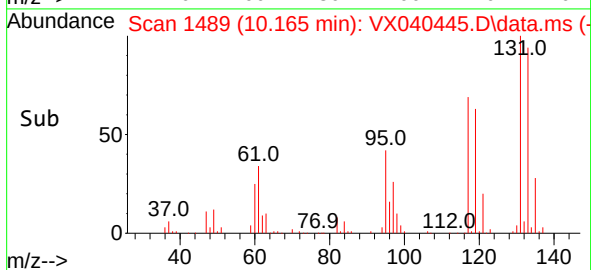
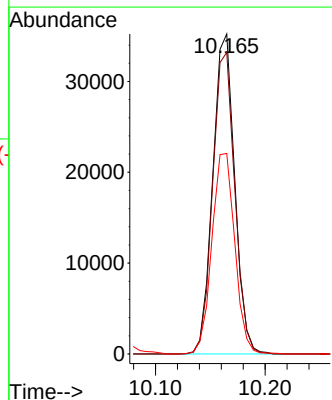
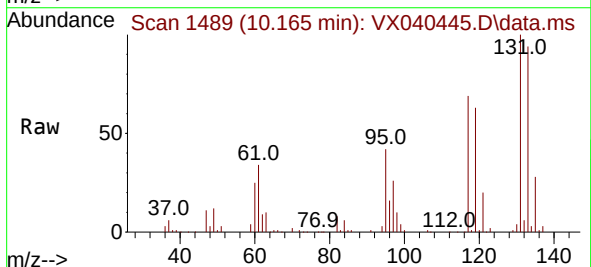
Manual Integrations
APPROVED

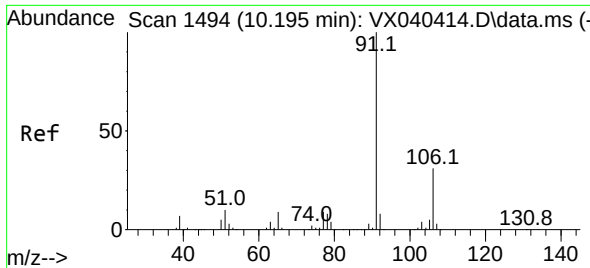
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.202 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

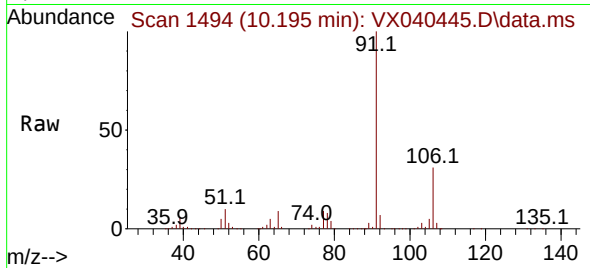
Tgt Ion:131 Resp: 48875
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 51.482 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

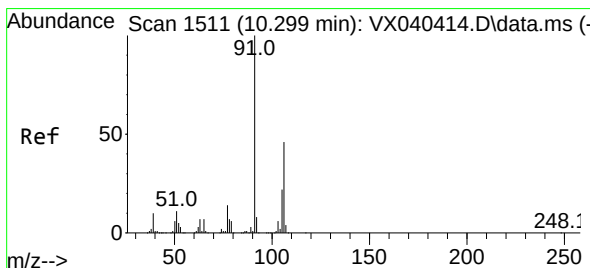
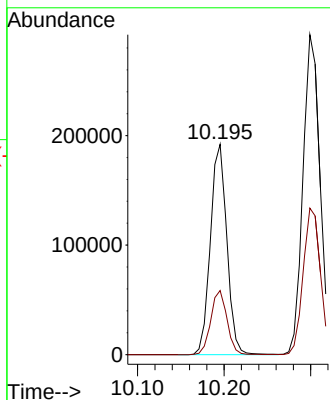
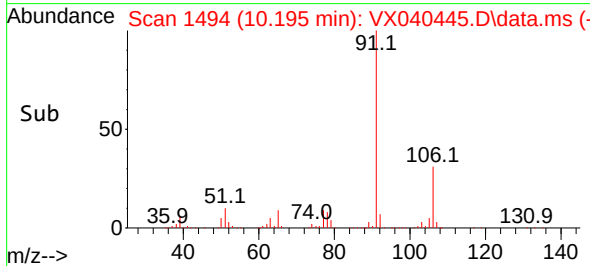
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



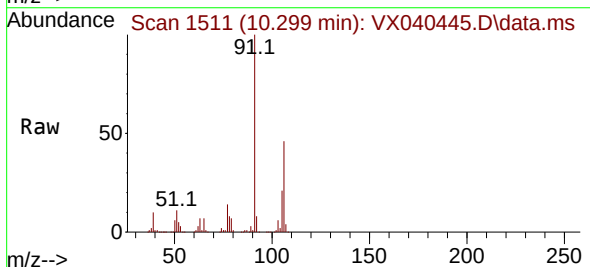
Tgt Ion: 91 Resp: 25370
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

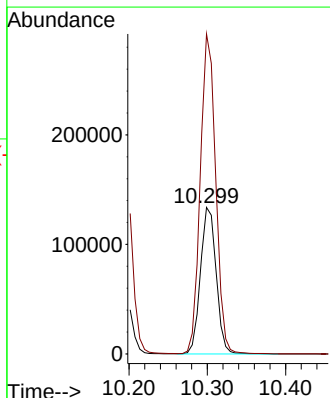
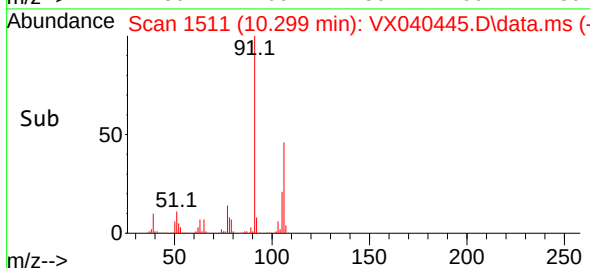
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

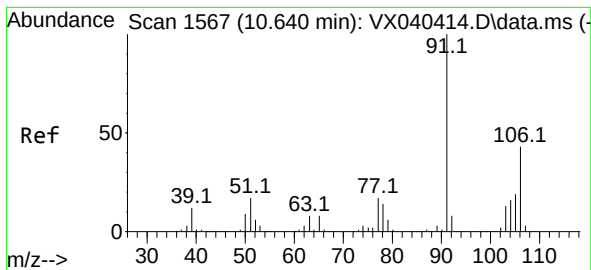


#68
m/p-Xylenes
Concen: 103.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



Tgt Ion:106 Resp: 186501
Ion Ratio Lower Upper
106 100
91 214.5 165.5 248.3





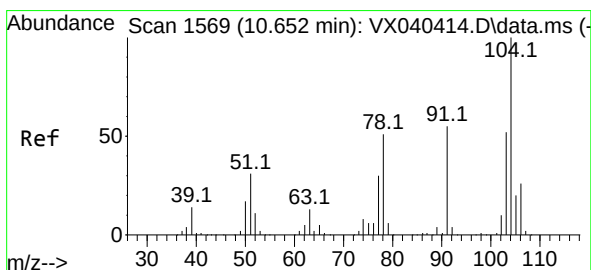
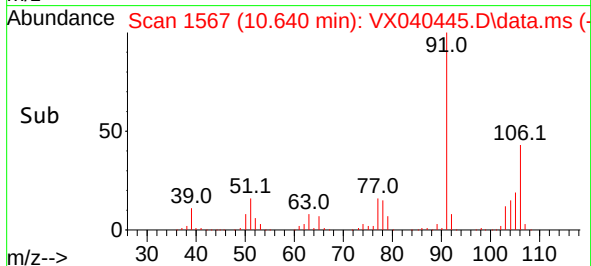
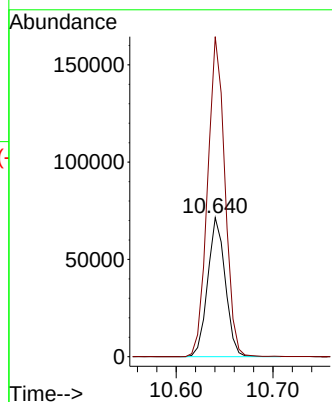
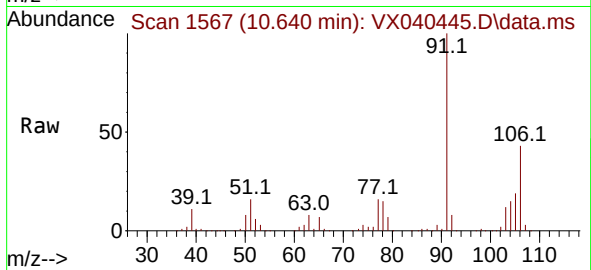
#69
o-Xylene
Concen: 50.810 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 90249
Ion Ratio Lower Upper
106 100
91 227.3 108.9 326.8

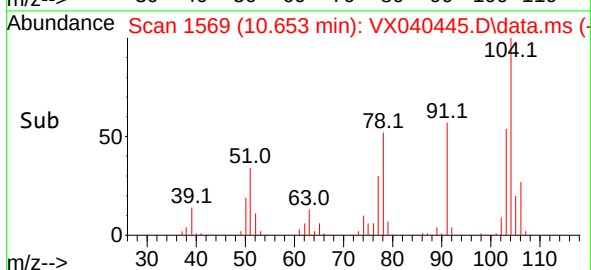
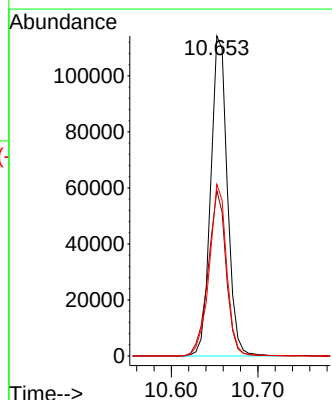
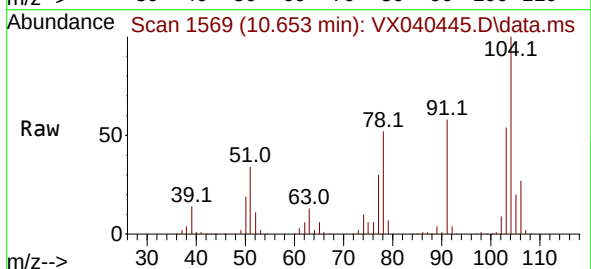
Manual Integrations
APPROVED

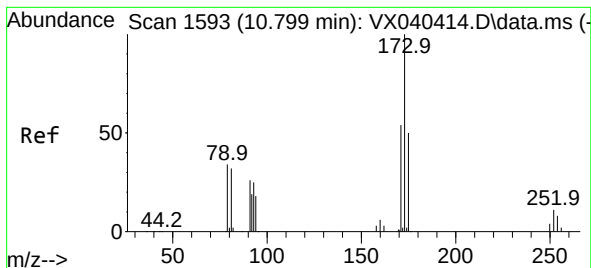
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#70
Styrene
Concen: 52.111 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion:104 Resp: 152575
Ion Ratio Lower Upper
104 100
78 55.9 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 54.028 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

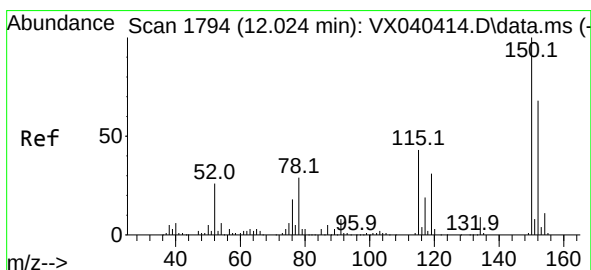
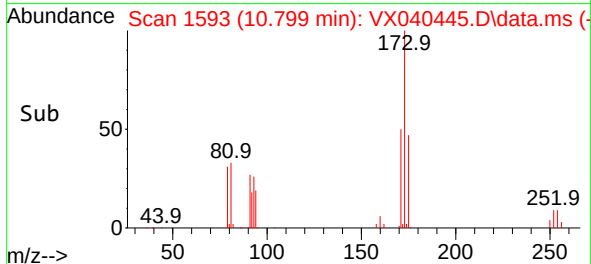
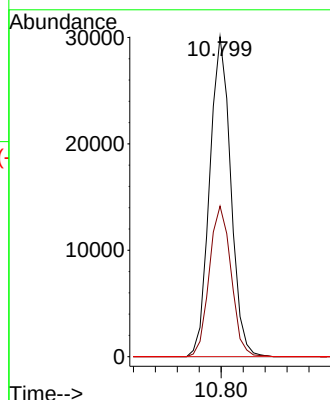
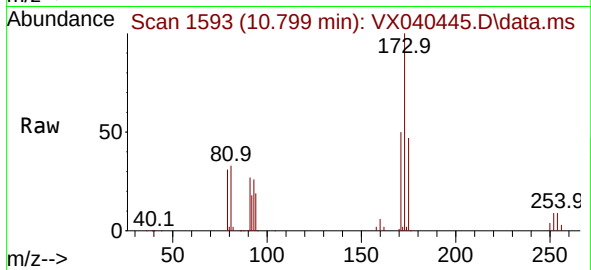
Tgt Ion:173	Resp:	40120
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

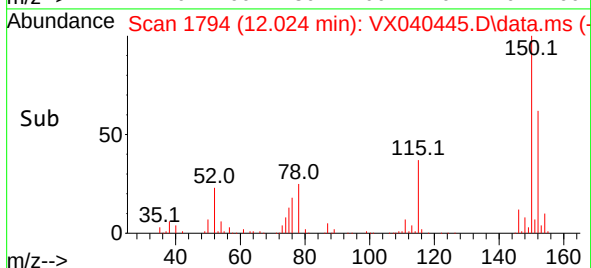
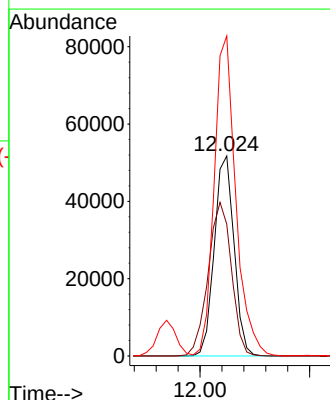
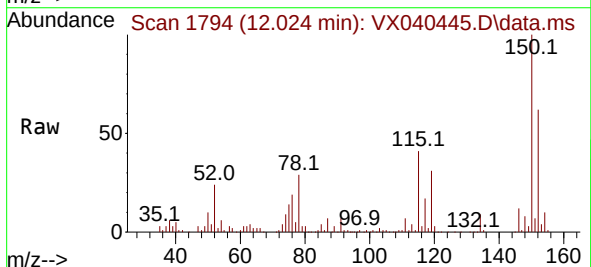
RT: 12.024 min Scan# 1794

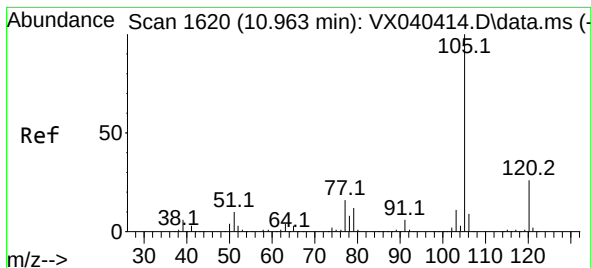
Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion:152	Resp:	64758
Ion Ratio	Lower	Upper
152	100	
115	90.6	43.3 129.9
150	174.4	0.0 345.0





#73

Isopropylbenzene

Concen: 53.165 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 24360

Ion Ratio Lower Upper

105 100

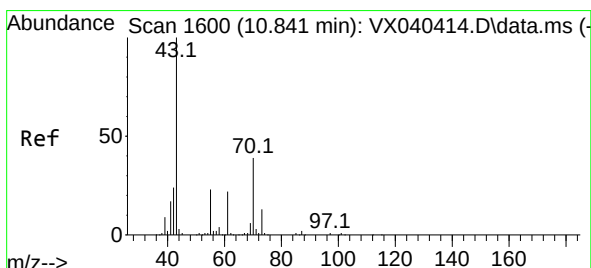
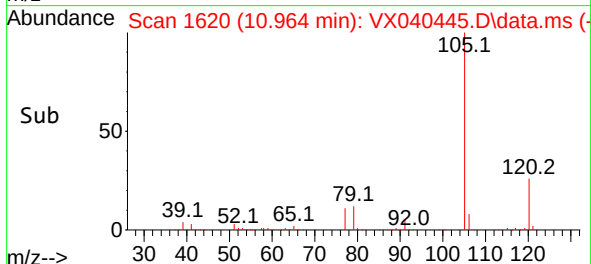
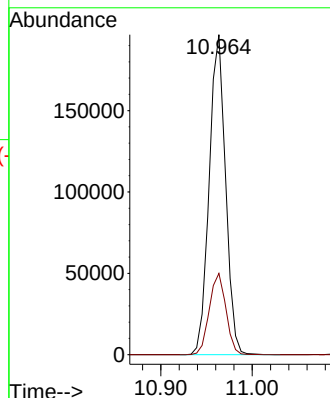
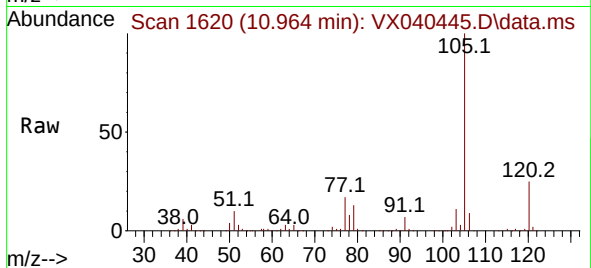
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#74

N-ethyl acetate

Concen: 57.476 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion: 43 Resp: 122190

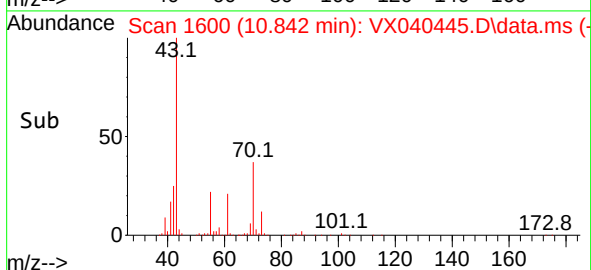
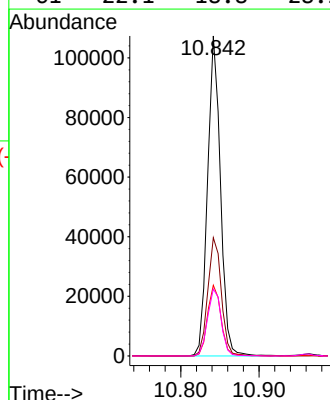
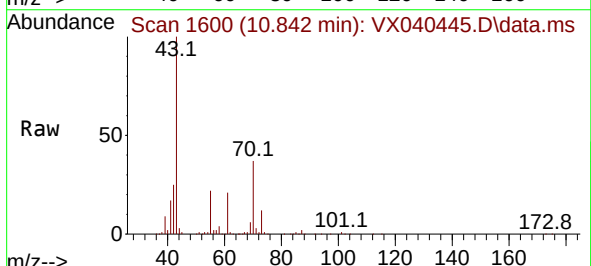
Ion Ratio Lower Upper

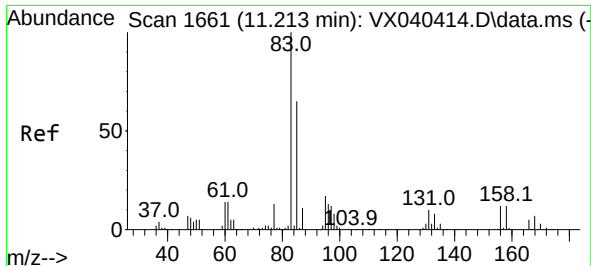
43 100

70 38.9 32.9 49.3

55 23.2 19.3 28.9

61 22.1 18.8 28.2





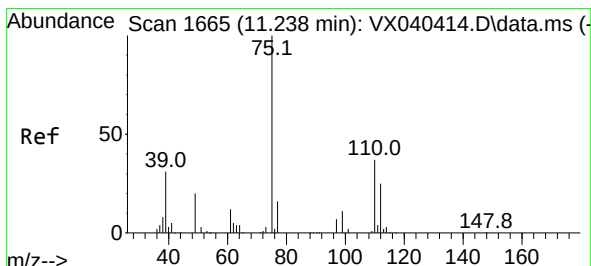
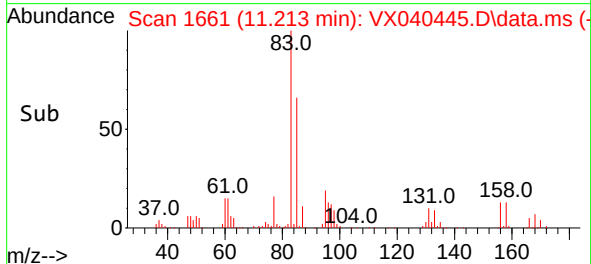
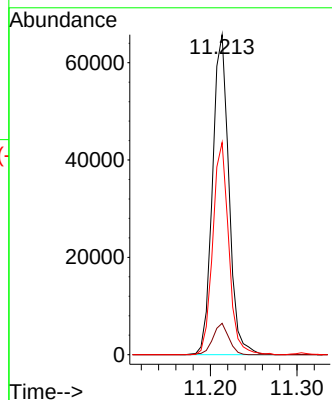
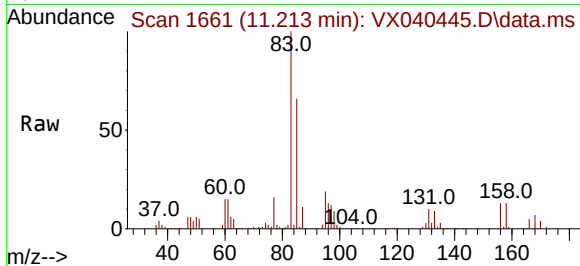
#75
1,1,2,2-Tetrachloroethane
Concen: 52.778 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 86449
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.6 32.0 96.2

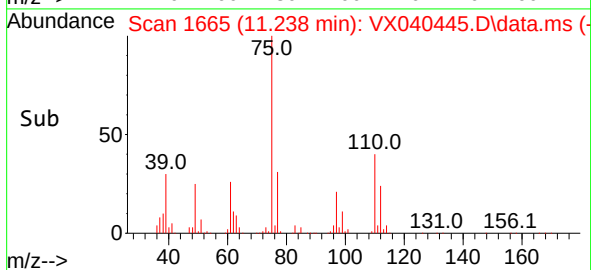
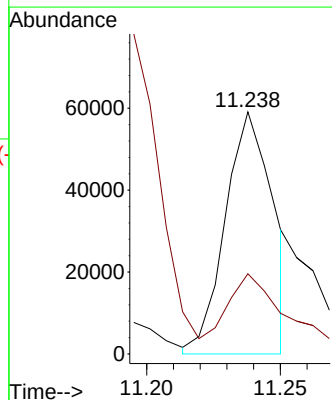
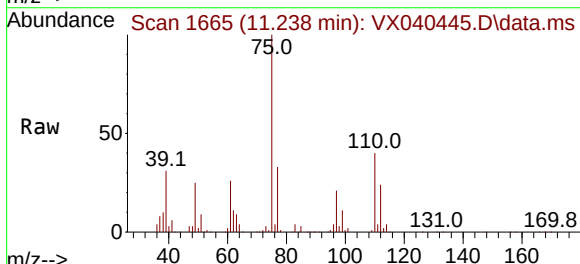
Manual Integrations
APPROVED

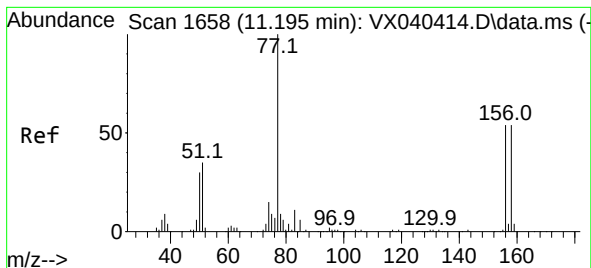
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,2,3-Trichloropropane
Concen: 50.964 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Tgt Ion: 75 Resp: 73386
Ion Ratio Lower Upper
75 100
77 42.4 19.1 57.5





#77

Bromobenzene

Concen: 50.399 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

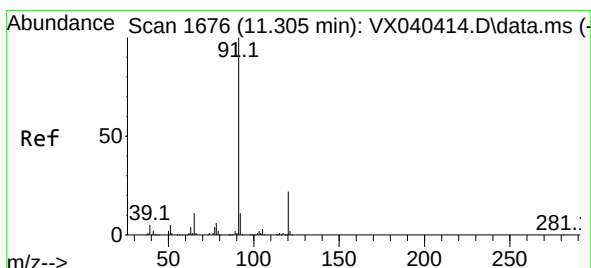
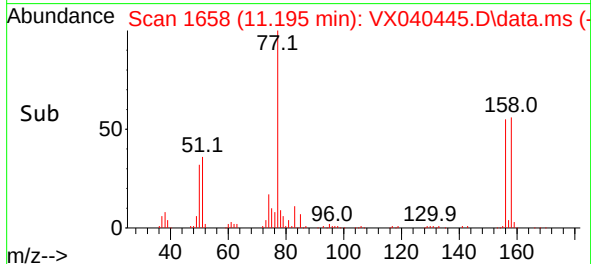
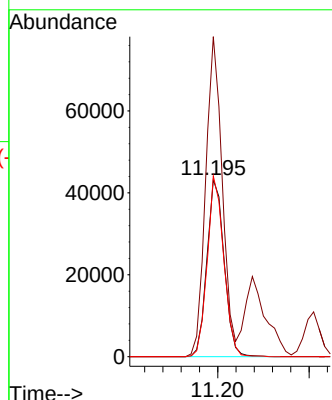
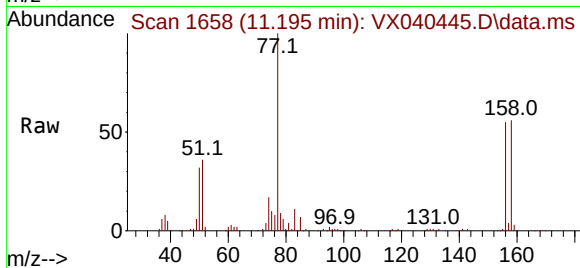
Tgt Ion:	156	Resp:	5642
Ion Ratio	Lower	Upper	
156	100		
77	173.9	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#78

n-propylbenzene

Concen: 52.829 ug/l

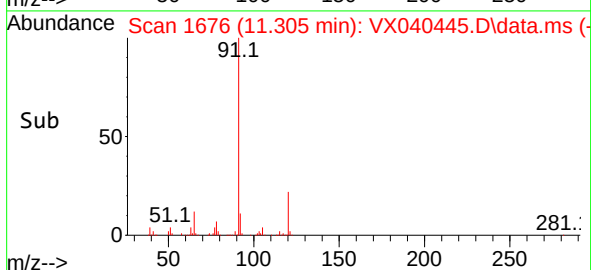
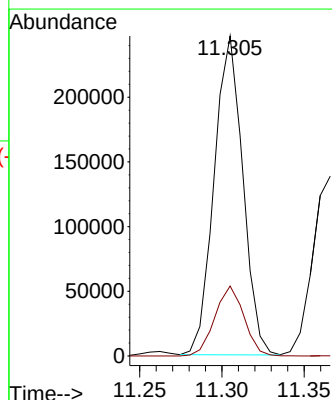
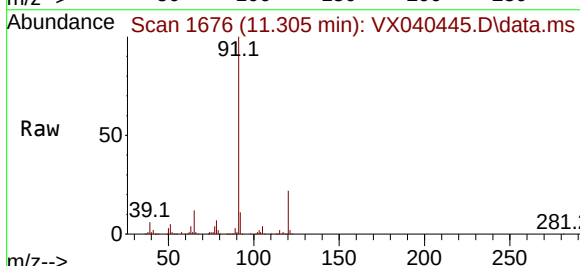
RT: 11.305 min Scan# 1676

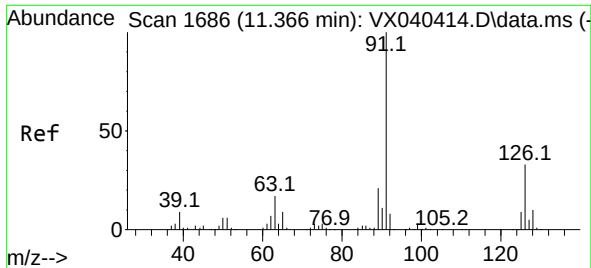
Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion:	91	Resp:	299005
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





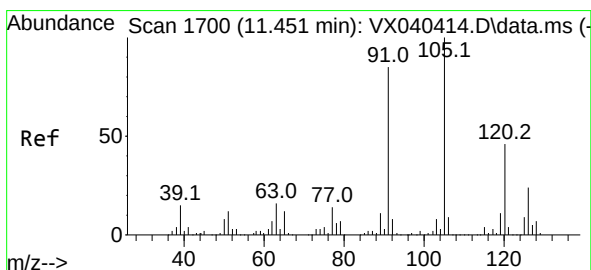
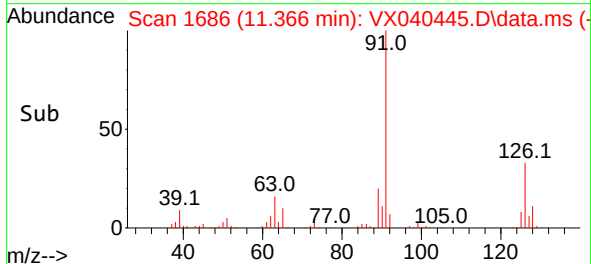
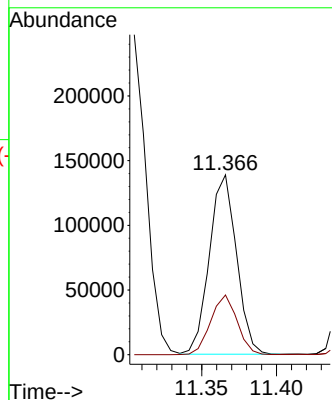
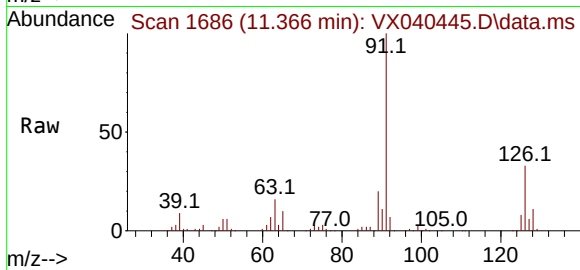
#79
2-Chlorotoluene
Concen: 51.822 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 17505
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

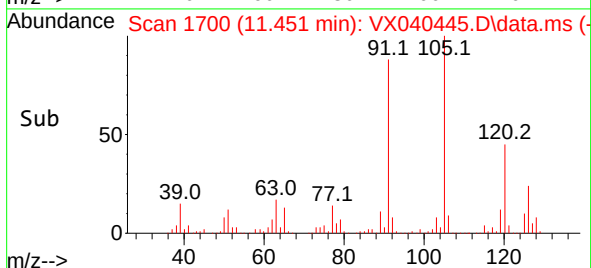
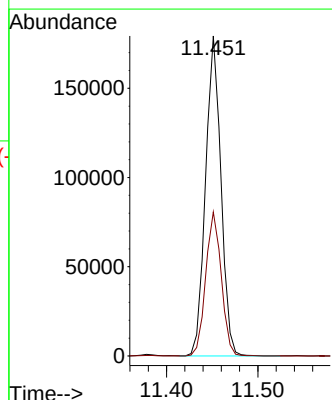
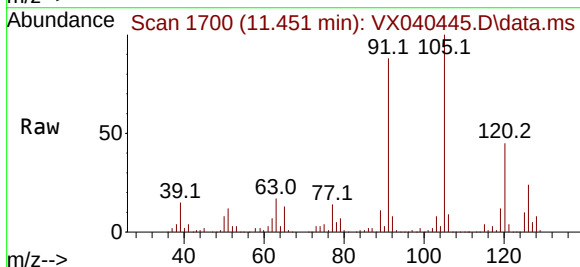
Manual Integrations
APPROVED

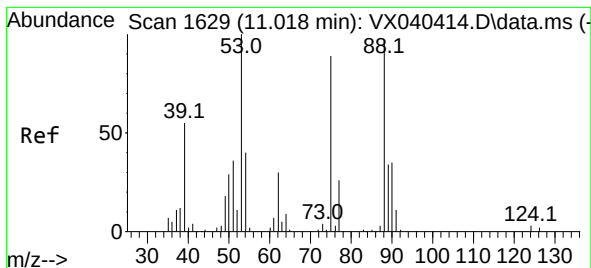
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.722 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

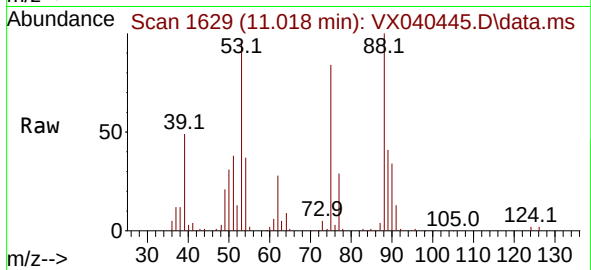
Tgt Ion:105 Resp: 209121
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.762 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

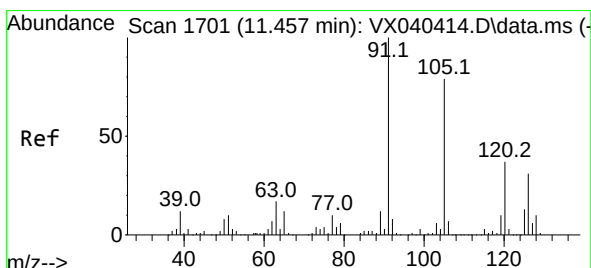
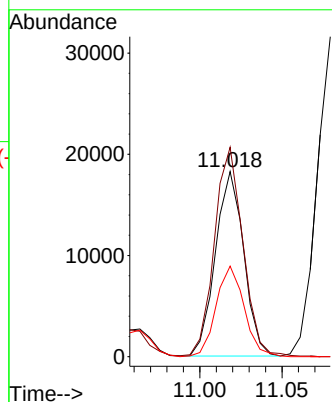
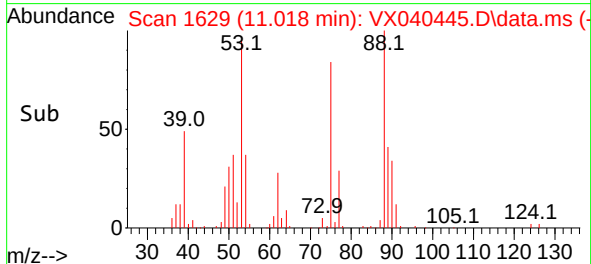
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2183
Ion Ratio Lower Upper
75 100
53 114.7 90.5 135.7
89 48.5 36.9 55.3

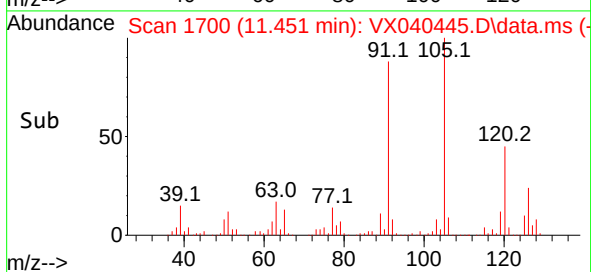
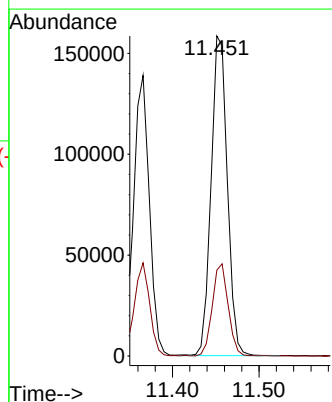
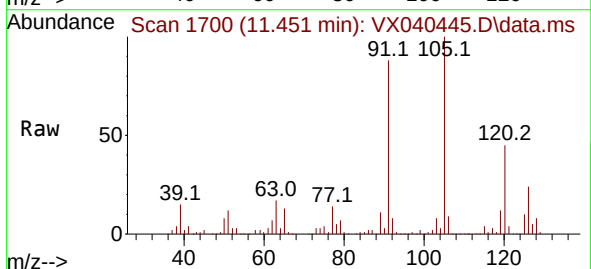
Manual Integrations
APPROVED

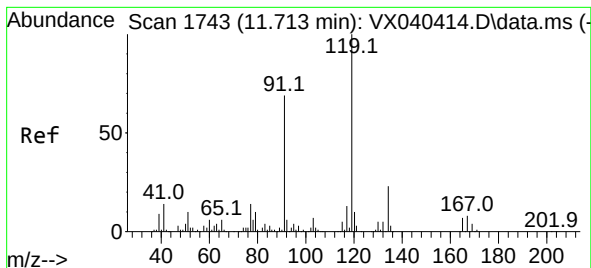
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 52.213 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

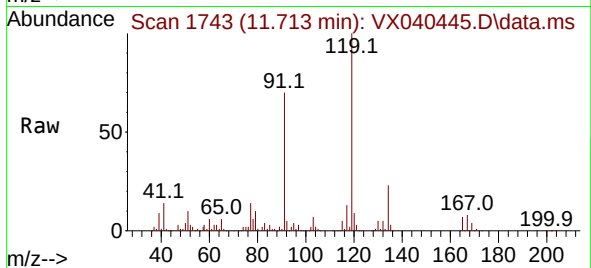
Tgt Ion: 91 Resp: 206700
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.005 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

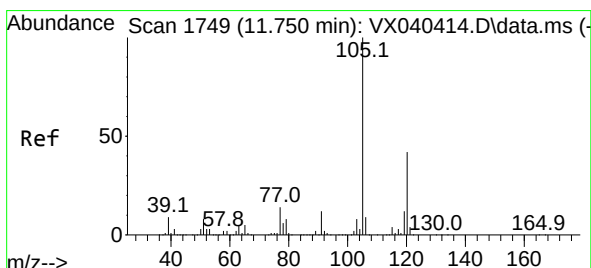
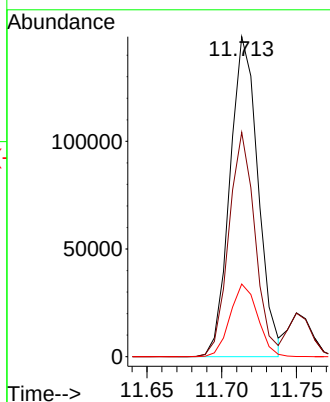
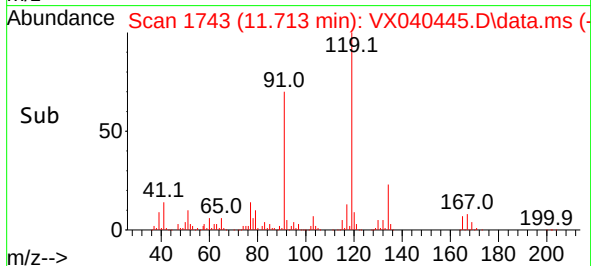
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



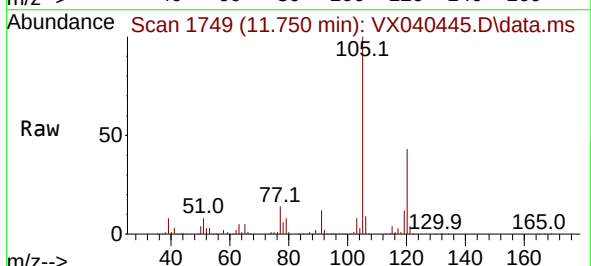
Tgt Ion:119 Resp: 19448
Ion Ratio Lower Upper
119 100
91 65.4 31.2 93.6
134 22.3 11.7 35.0

Manual Integrations
APPROVED

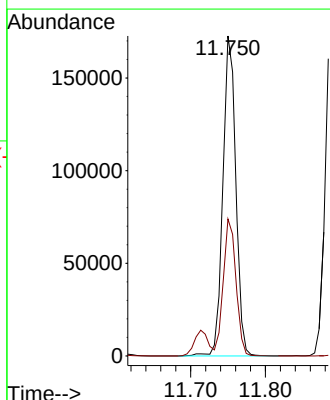
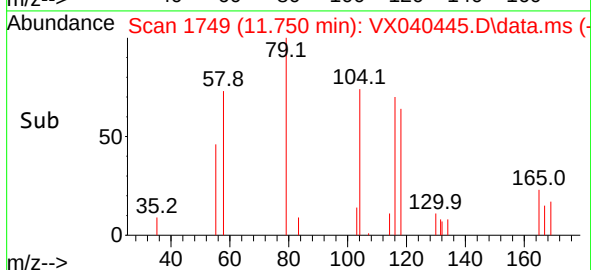
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

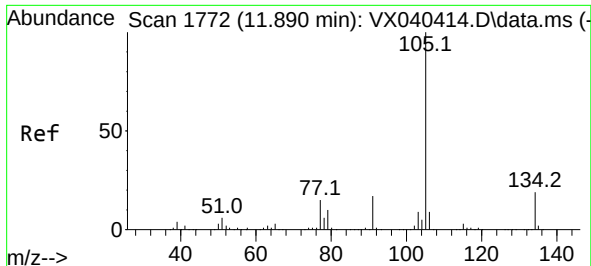


#84
1,2,4-Trimethylbenzene
Concen: 52.949 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



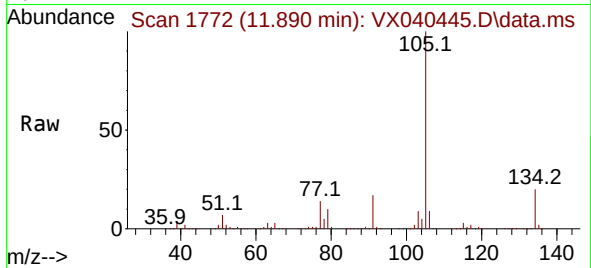
Tgt Ion:105 Resp: 207968
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.694 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040445.D
 Acq: 23 Feb 2024 20:23

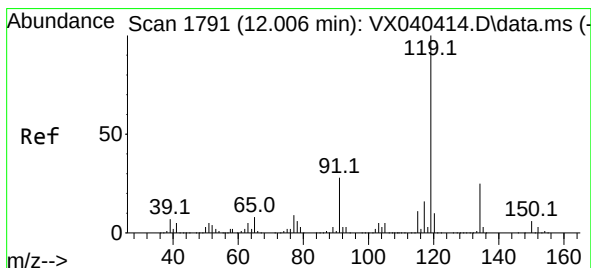
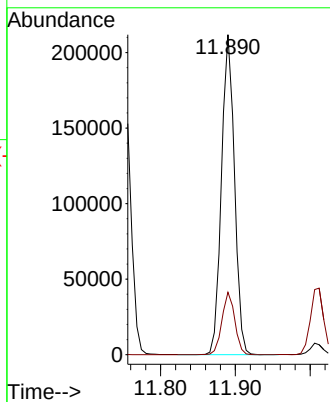
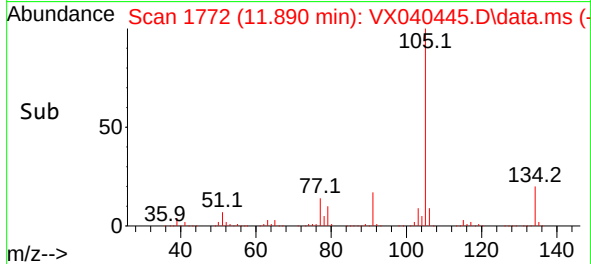
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



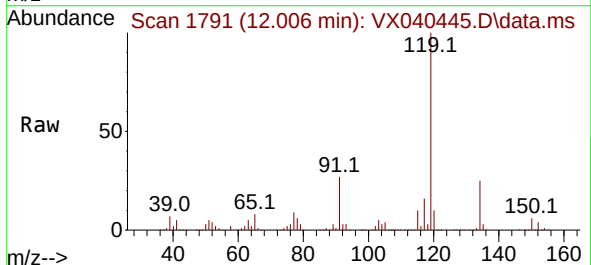
Tgt Ion:105 Resp: 25738
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

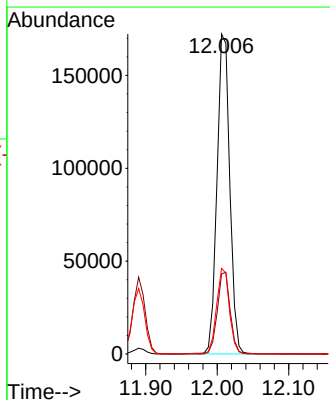
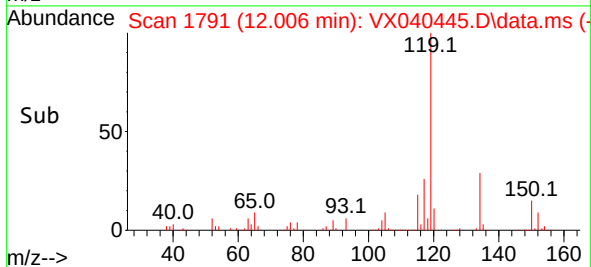
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

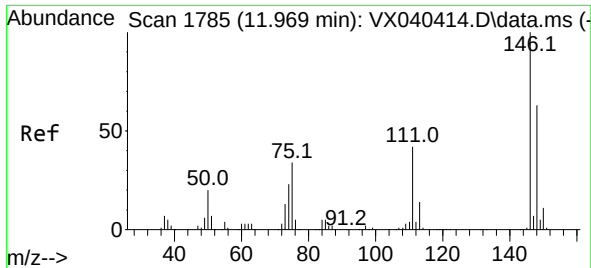


#86
 p-Isopropyltoluene
 Concen: 54.690 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040445.D
 Acq: 23 Feb 2024 20:23



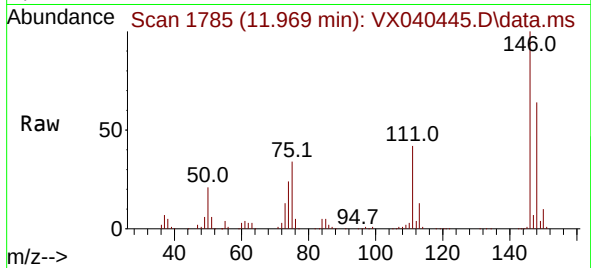
Tgt Ion:119 Resp: 213442
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 26.8 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 50.817 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

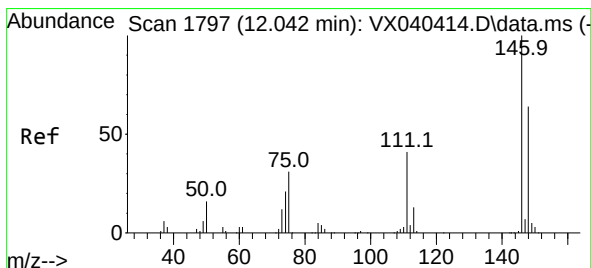
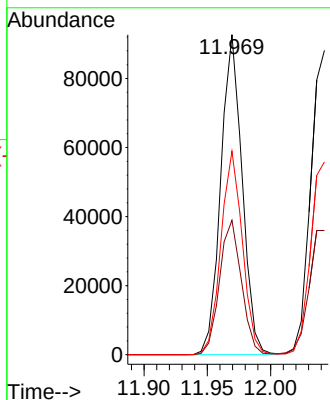
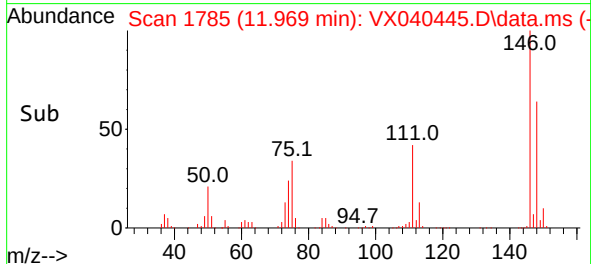
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



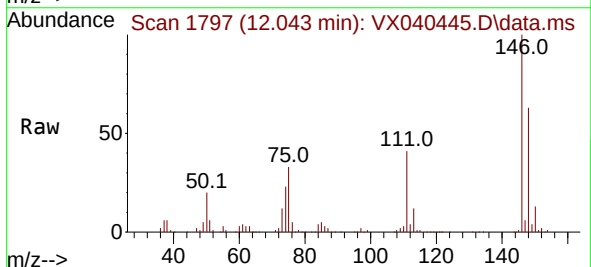
Tgt Ion:146 Resp: 108810
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 63.9 31.8 95.3

Manual Integrations
APPROVED

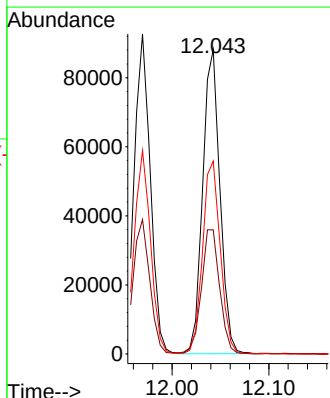
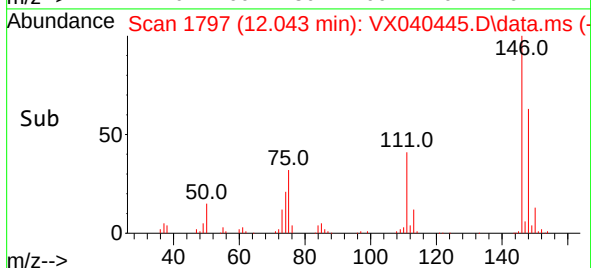
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

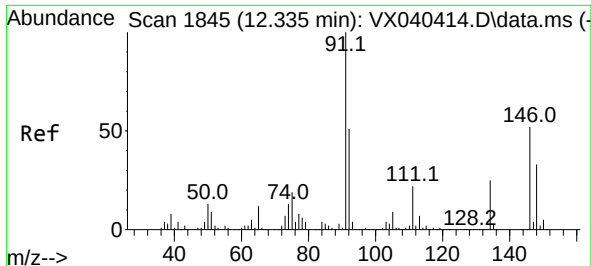


#88
1,4-Dichlorobenzene
Concen: 49.390 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



Tgt Ion:146 Resp: 109646
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.7
148 65.0 31.8 95.4





#89

n-Butylbenzene

Concen: 52.222 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 20052

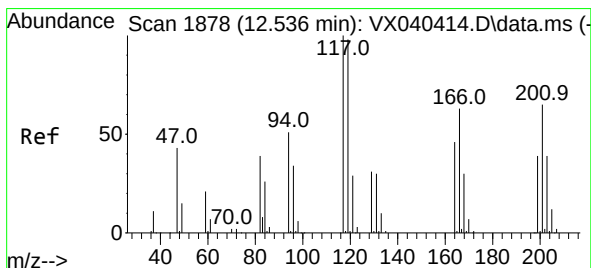
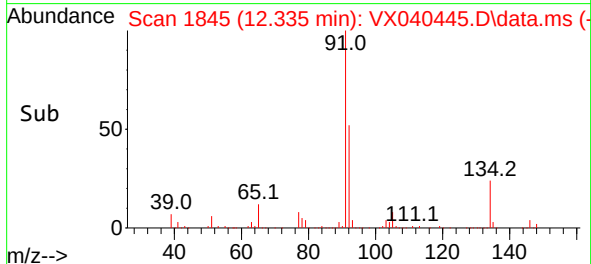
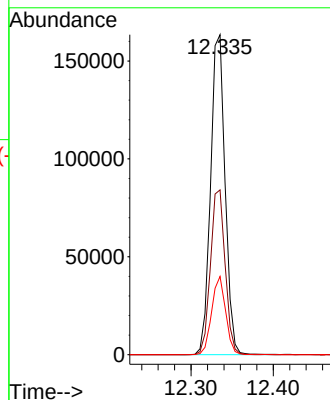
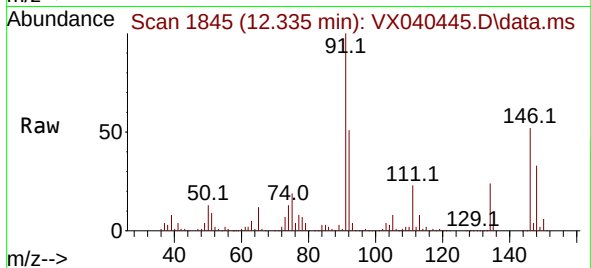
Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.4	82.0
134	23.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#90

Hexachloroethane

Concen: 56.015 ug/l

RT: 12.536 min Scan# 1878

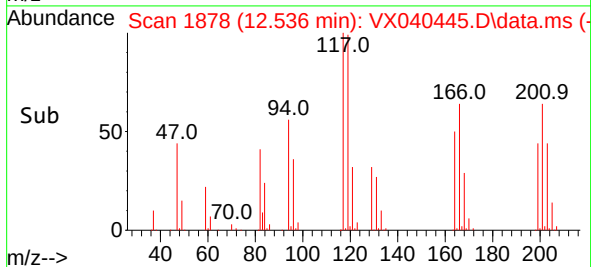
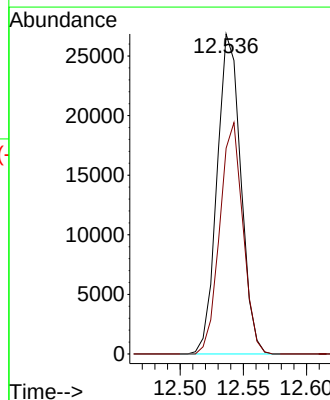
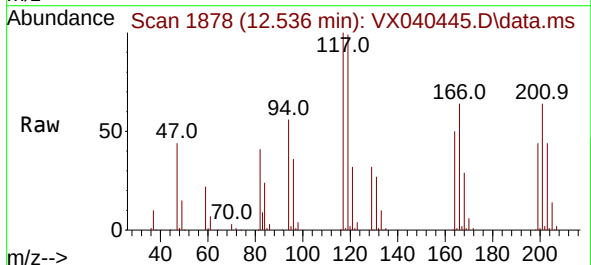
Delta R.T. 0.000 min

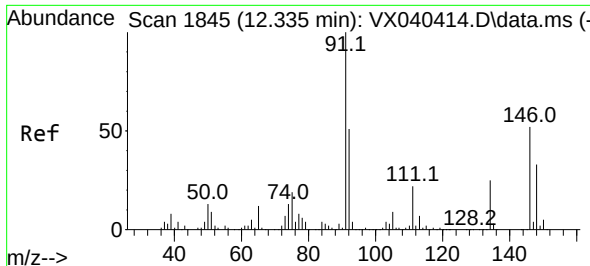
Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion:117 Resp: 35011

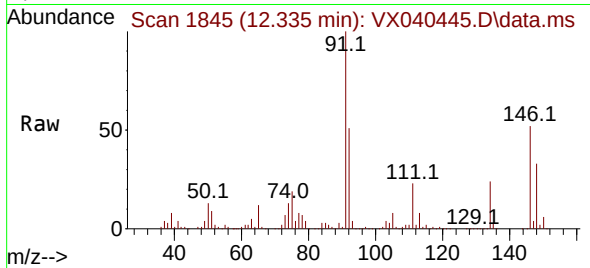
Ion	Ratio	Lower	Upper
117	100		
201	70.6	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 50.378 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23

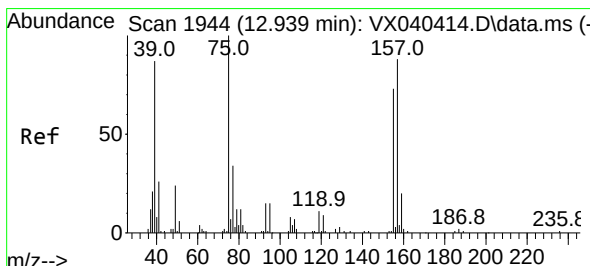
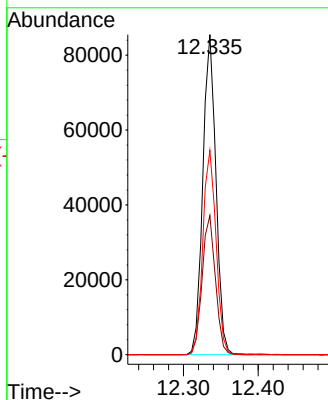
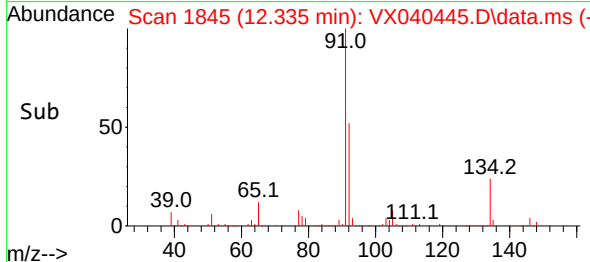
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



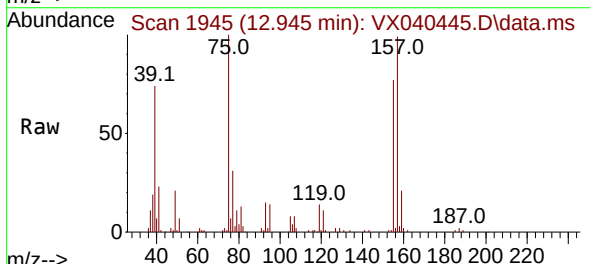
Tgt Ion:146 Resp: 104320
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 64.4 31.6 95.0

Manual Integrations
APPROVED

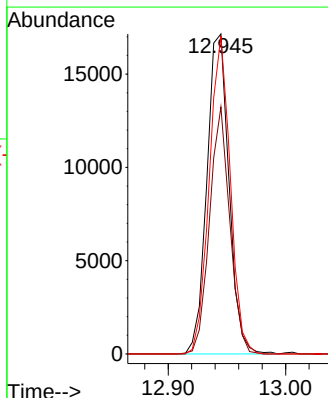
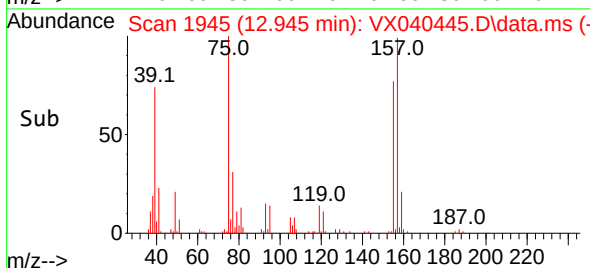
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

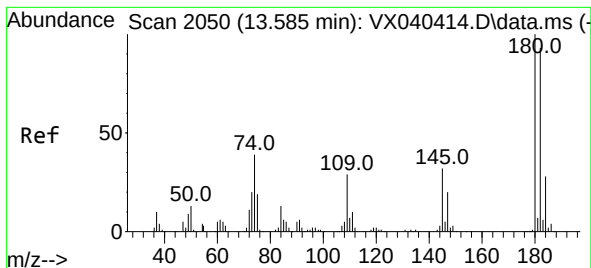


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.937 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040445.D
Acq: 23 Feb 2024 20:23



Tgt Ion: 75 Resp: 22388
Ion Ratio Lower Upper
75 100
155 70.5 36.1 108.5
157 94.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.073 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 70752

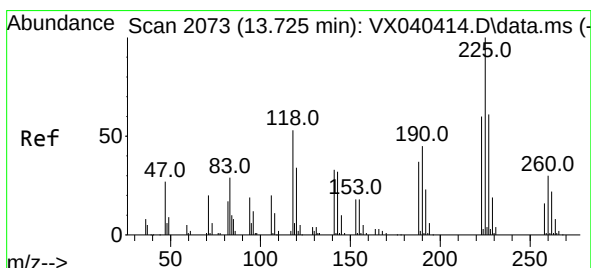
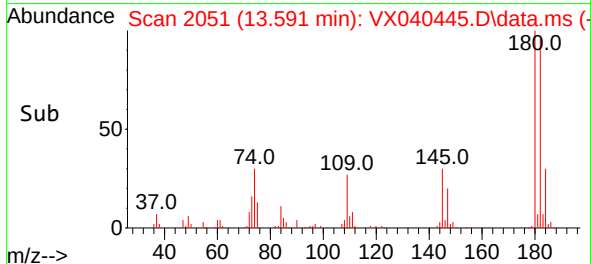
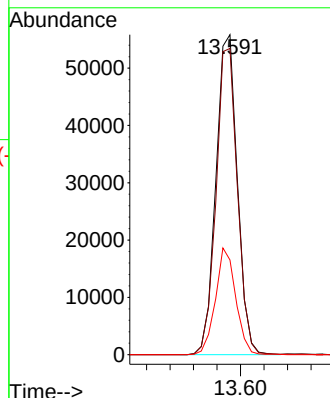
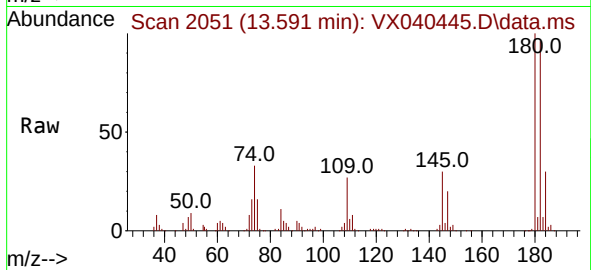
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.3	144.8
145	31.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#94

Hexachlorobutadiene

Concen: 54.546 ug/l

RT: 13.725 min Scan# 2073

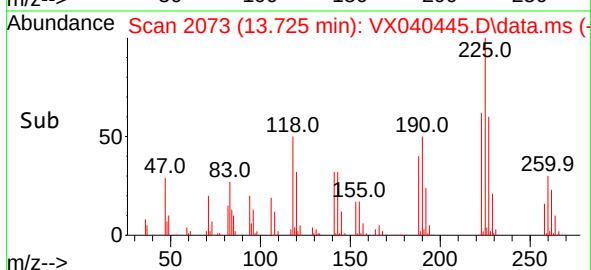
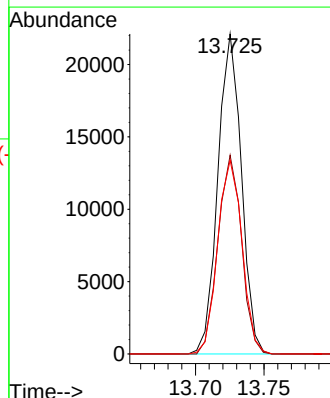
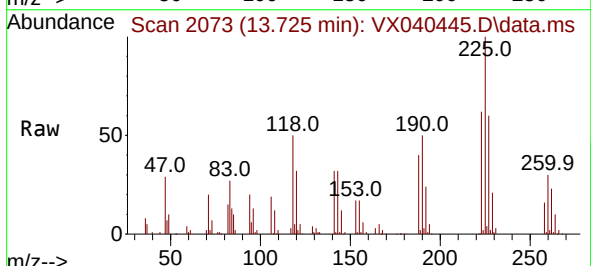
Delta R.T. 0.000 min

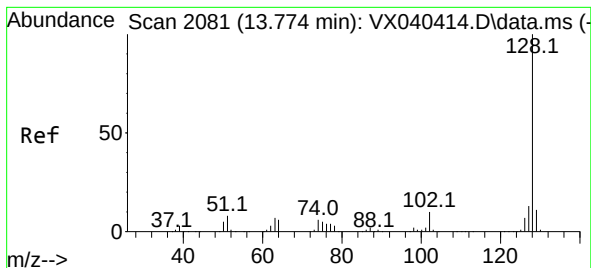
Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion:225 Resp: 26336

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	62.8	32.5	97.5





#95

Naphthalene

Concen: 56.472 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

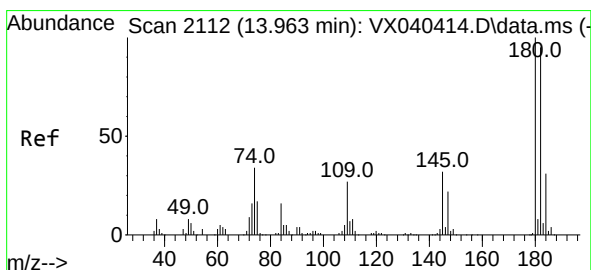
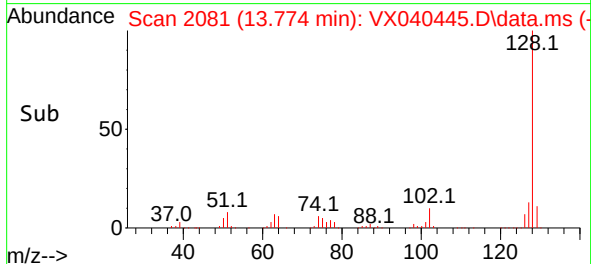
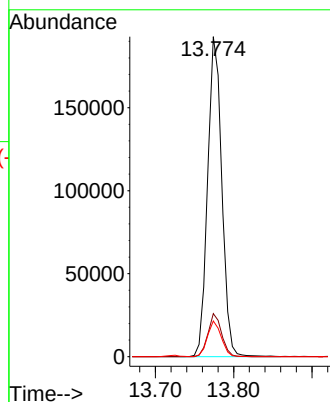
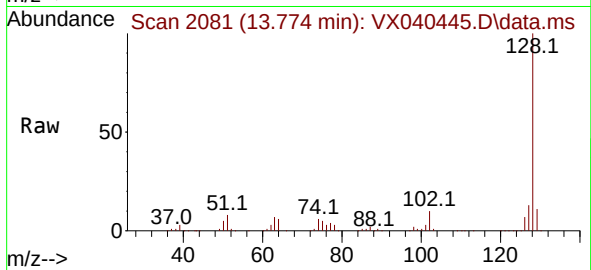
Tgt Ion:128 Resp: 241580
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 54.064 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040445.D

Acq: 23 Feb 2024 20:23

Tgt Ion:180 Resp: 69393
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.6
 145 34.0 17.8 53.5

