

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040260.D
 Acq On : 15 Feb 2024 18:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:54:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53797	47.751	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.500%		
35) Dibromofluoromethane	5.385	113	42853	47.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.647	98	159398	46.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.580%		
62) 4-Bromofluorobenzene	11.079	95	66146	47.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43911	51.332	ug/l	99
3) Chloromethane	1.295	50	41343	46.868	ug/l	97
4) Vinyl Chloride	1.374	62	44651	47.899	ug/l	99
5) Bromomethane	1.599	94	28996	55.121	ug/l	96
6) Chloroethane	1.679	64	28260	48.068	ug/l	99
7) Trichlorofluoromethane	1.886	101	73379	49.016	ug/l	99
8) Diethyl Ether	2.136	74	27466	48.841	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	39617	49.335	ug/l	95
10) Methyl Iodide	2.453	142	48266	54.139	ug/l	92
11) Tert butyl alcohol	2.959	59	53203	242.439	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	38438	49.715	ug/l	90
13) Acrolein	2.233	56	54302	268.087	ug/l	99
14) Allyl chloride	2.660	41	64839	48.324	ug/l	95
15) Acrylonitrile	3.062	53	126797	258.235	ug/l	99
16) Acetone	2.380	43	107973	233.347	ug/l	94
17) Carbon Disulfide	2.508	76	92353	45.245	ug/l	100
18) Methyl Acetate	2.703	43	55593	44.818	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	139121	51.075	ug/l	97
20) Methylene Chloride	2.788	84	44524	51.372	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	41690	47.345	ug/l	91
22) Diisopropyl ether	3.757	45	141808	52.113	ug/l	98
23) Vinyl Acetate	3.721	43	654139	269.661	ug/l	97
24) 1,1-Dichloroethane	3.605	63	79334	50.050	ug/l	98
25) 2-Butanone	4.556	43	178638	246.982	ug/l	95
26) 2,2-Dichloropropane	4.471	77	61833	50.675	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	50894	50.665	ug/l	92
28) Bromochloromethane	4.904	49	31428	46.700	ug/l	93
29) Tetrahydrofuran	5.001	42	117653	249.680	ug/l	95
30) Chloroform	5.093	83	87295	50.938	ug/l	95
31) Cyclohexane	5.471	56	63513	47.264	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	73416	50.922	ug/l	100
36) 1,1-Dichloropropene	5.690	75	60610	47.510	ug/l	98
37) Ethyl Acetate	4.715	43	69514	48.970	ug/l	99
38) Carbon Tetrachloride	5.672	117	59670	49.193	ug/l	96
39) Methylcyclohexane	7.379	83	69369	46.790	ug/l	96
40) Benzene	6.038	78	175885	49.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37470	49.793	ug/l	91
42) 1,2-Dichloroethane	6.086	62	69912	50.136	ug/l	99
43) Isopropyl Acetate	6.336	43	112167	50.619	ug/l	98
44) Trichloroethene	7.123	130	47193	47.957	ug/l	95
45) 1,2-Dichloropropane	7.428	63	48303	52.019	ug/l	98
46) Dibromomethane	7.580	93	35427	51.803	ug/l	97
47) Bromodichloromethane	7.818	83	68019	51.619	ug/l	94
48) Methyl methacrylate	7.690	41	56492	49.823	ug/l	91
49) 1,4-Dioxane	7.659	88	21595	875.481	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	386404	255.405	ug/l	99
52) Toluene	8.720	92	115972	49.629	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	73648	47.044	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	77675	52.597	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	49858	50.025	ug/l	90
56) Ethyl methacrylate	9.116	69	80038	53.643	ug/l	96
57) 1,3-Dichloropropane	9.305	76	84088	51.690	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	187818	266.095	ug/l	98
59) 2-Hexanone	9.427	43	307258	256.154	ug/l	99
60) Dibromochloromethane	9.519	129	52602	51.803	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54518	51.461	ug/l	100
64) Tetrachloroethene	9.275	164	43537	48.970	ug/l	94
65) Chlorobenzene	10.080	112	128392	48.490	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	46661	50.882	ug/l	96
67) Ethyl Benzene	10.195	91	236585	50.169	ug/l	99
68) m/p-Xylenes	10.299	106	179641	100.864	ug/l	99
69) o-Xylene	10.640	106	88460	51.111	ug/l	99
70) Styrene	10.653	104	150481	52.296	ug/l	98
71) Bromoform	10.799	173	40495	47.121	ug/l #	100
73) Isopropylbenzene	10.964	105	242521	49.822	ug/l	100
74) N-amyl acetate	10.842	43	111152	53.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	86087	49.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71800m	51.302	ug/l	
77) Bromobenzene	11.195	156	58298	50.707	ug/l	94
78) n-propylbenzene	11.305	91	294179	49.917	ug/l	99
79) 2-Chlorotoluene	11.366	91	170096	47.797	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	204933	50.007	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23361	47.095	ug/l	97
82) 4-Chlorotoluene	11.451	91	204906	48.596	ug/l	99
83) tert-Butylbenzene	11.713	119	194481	48.405	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	206765	49.870	ug/l	100
85) sec-Butylbenzene	11.890	105	261050	50.557	ug/l	99
86) p-Isopropyltoluene	12.006	119	212002	50.088	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111820	49.087	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	112253	46.535	ug/l	98
89) n-Butylbenzene	12.335	91	203010	49.688	ug/l	97
90) Hexachloroethane	12.536	117	34966	52.373	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	109349	49.586	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20179	49.993	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	73823	48.897	ug/l	94
94) Hexachlorobutadiene	13.725	225	28417	47.161	ug/l	99
95) Naphthalene	13.774	128	237934	49.898	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72587	50.439	ug/l	98

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

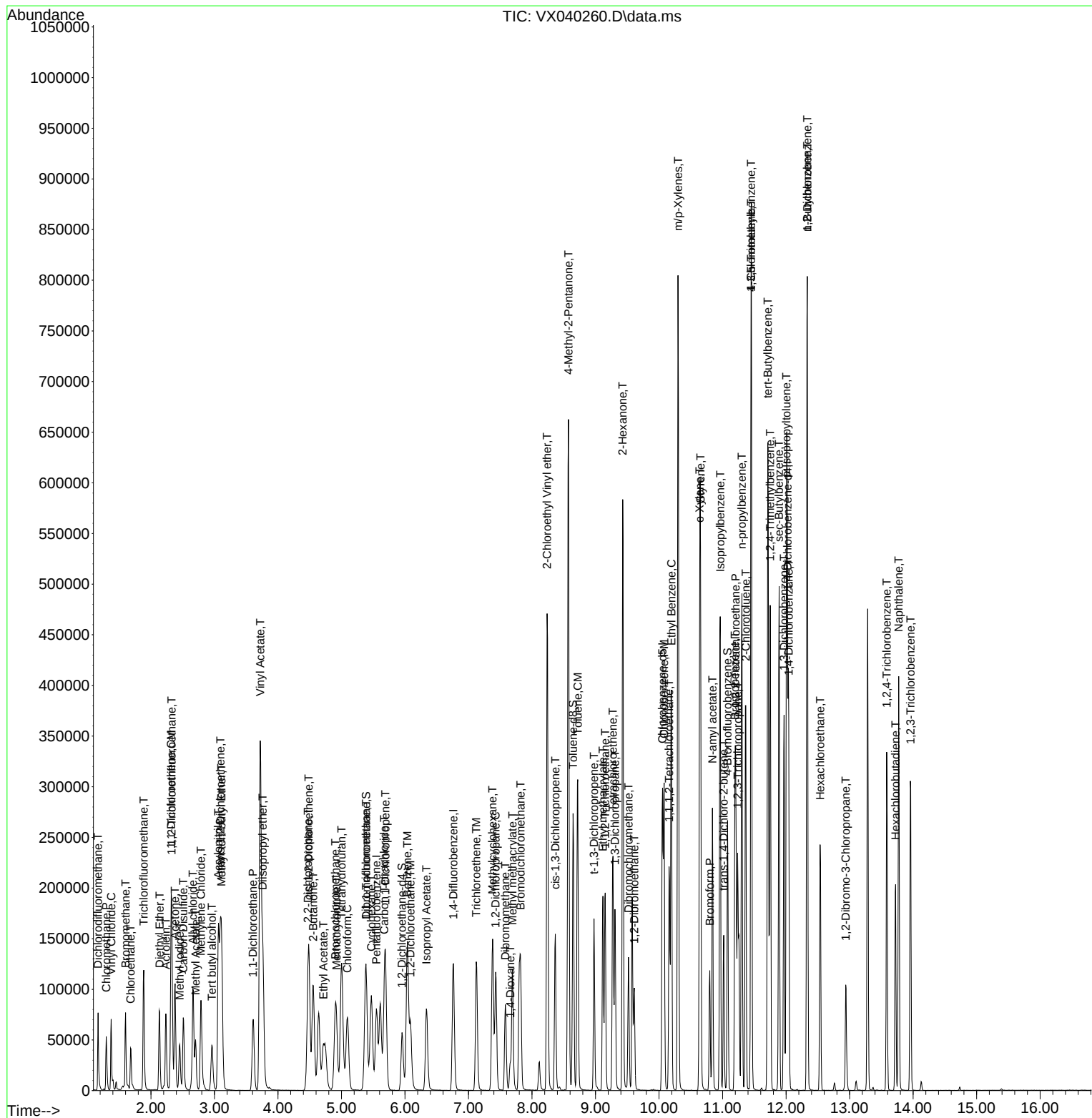
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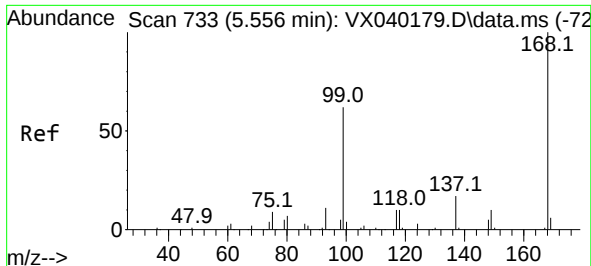
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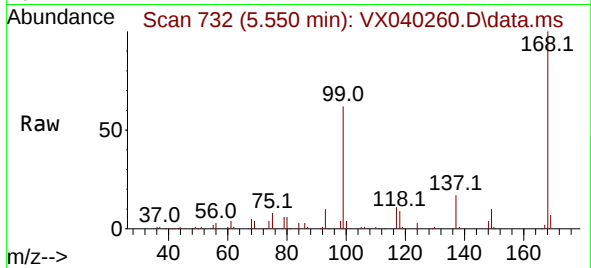
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

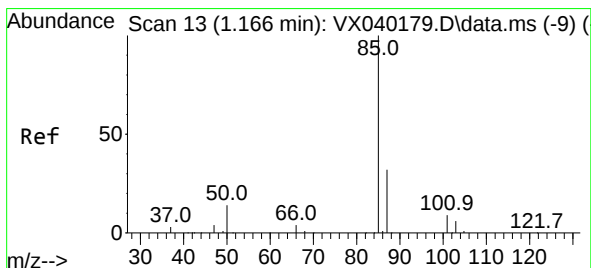
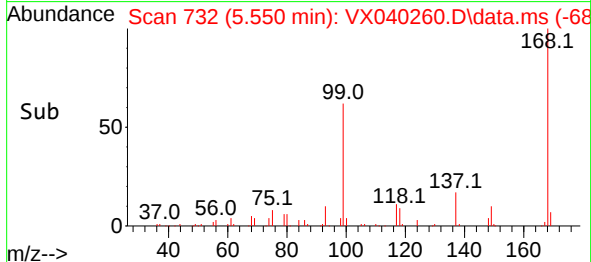
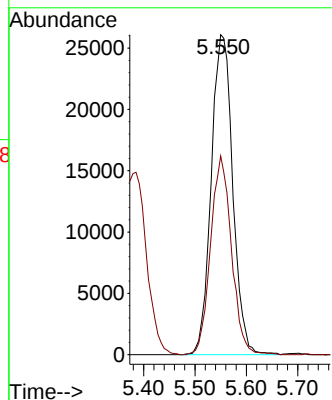
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 75729
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0

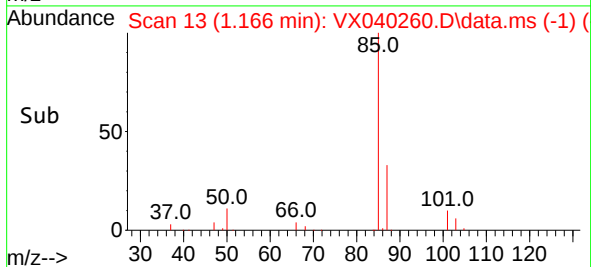
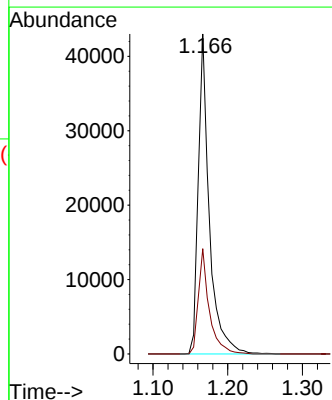
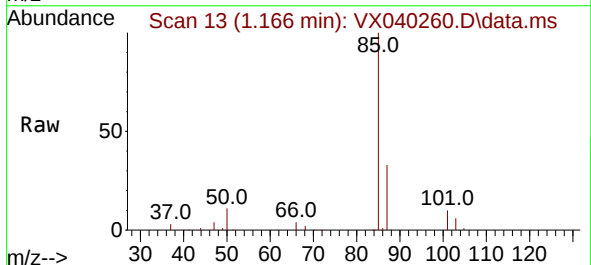
Manual Integrations
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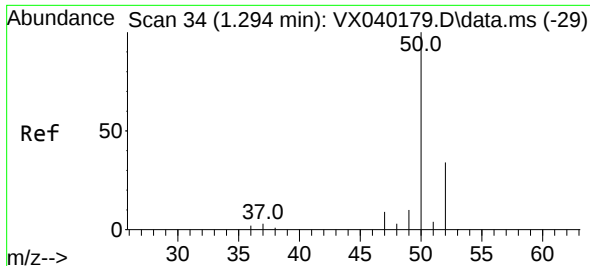
Reviewed By :John Carlone 02/16/2024
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#2
Dichlorodifluoromethane
Concen: 51.332 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

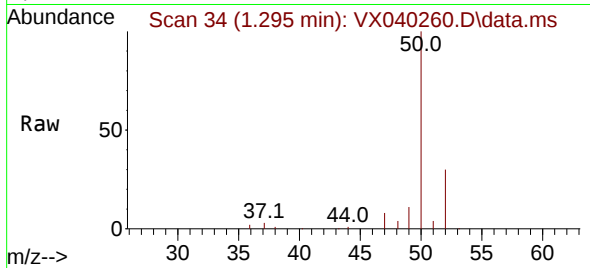
Tgt Ion: 85 Resp: 43911
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3
Chloromethane
Concen: 46.868 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

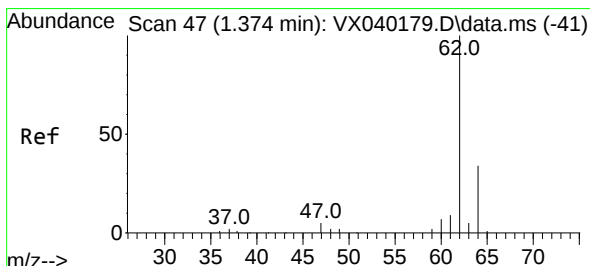
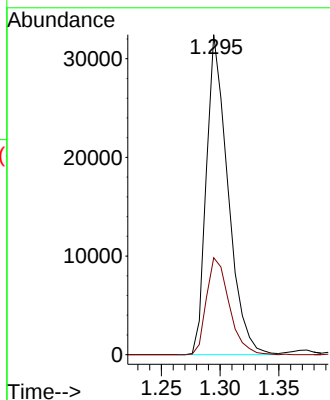
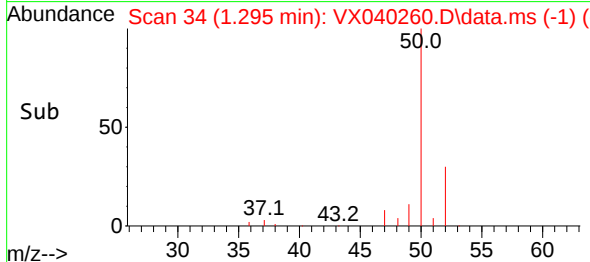
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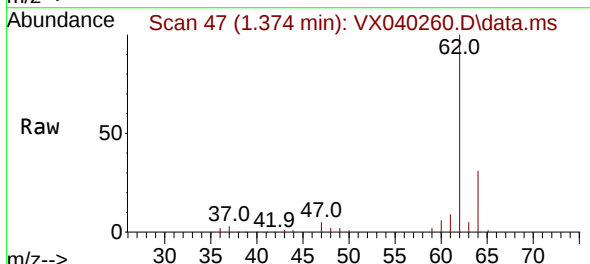
Tgt Ion: 50 Resp: 4134
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

Manual Integrations
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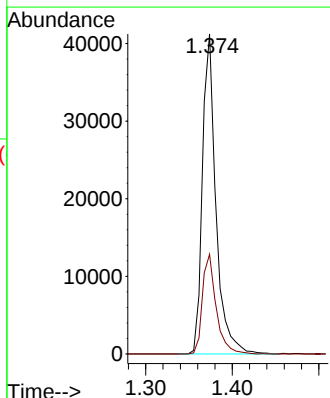
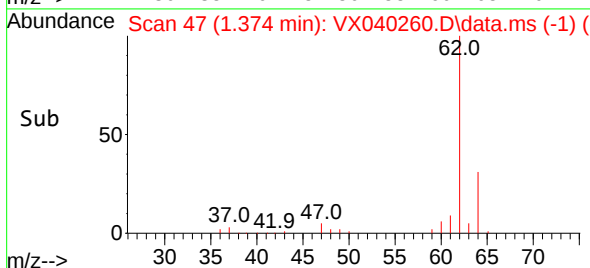
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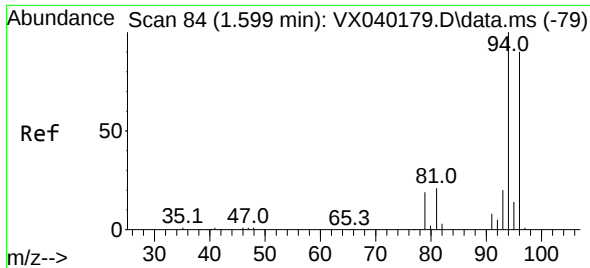


#4
Vinyl Chloride
Concen: 47.899 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



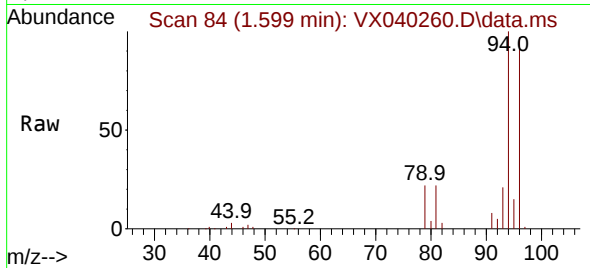
Tgt Ion: 62 Resp: 44651
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5
Bromomethane
Concen: 55.121 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

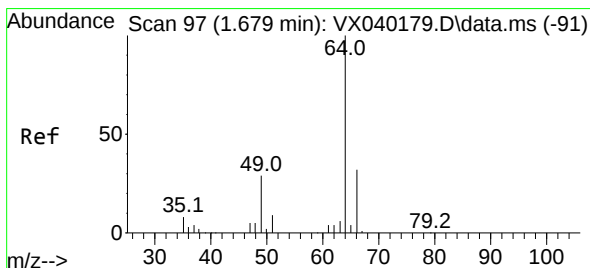
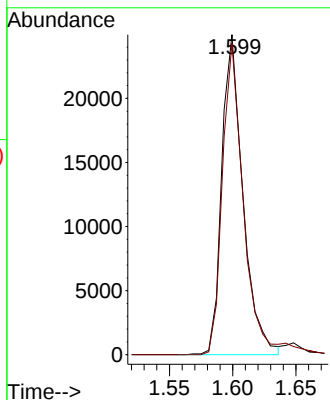
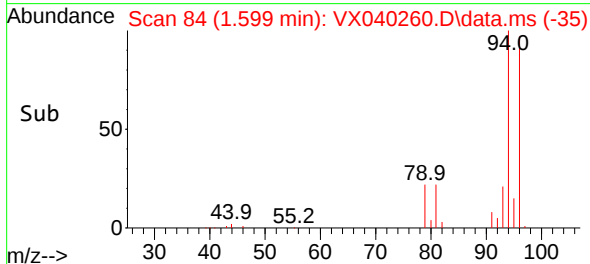
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Tgt Ion: 94 Resp: 28990
Ion Ratio Lower Upper
94 100
96 97.4 74.6 111.8

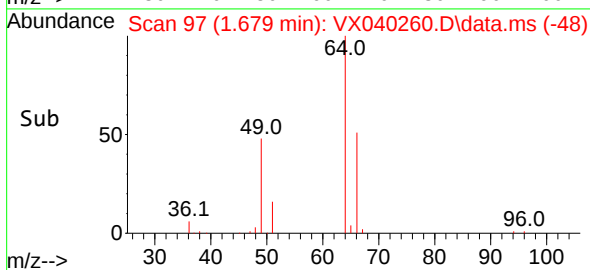
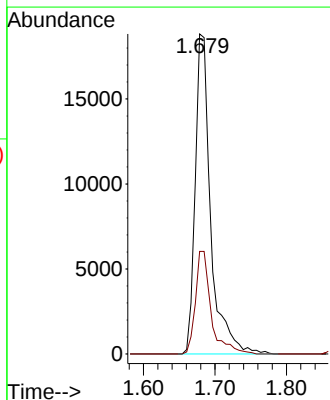
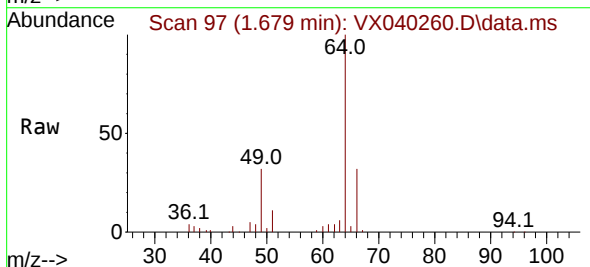
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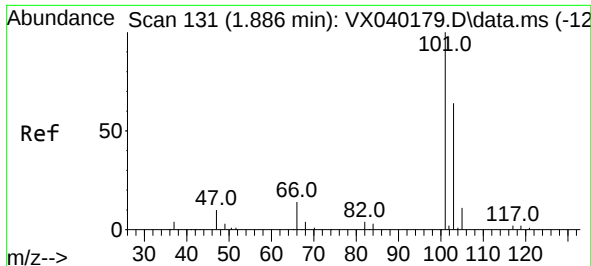
Reviewed By :John Carlone 02/16/2024
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#6
Chloroethane
Concen: 48.068 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

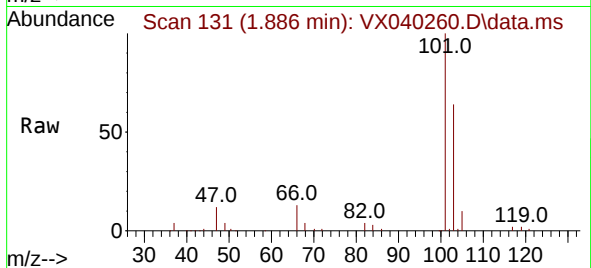
Tgt Ion: 64 Resp: 28260
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.016 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

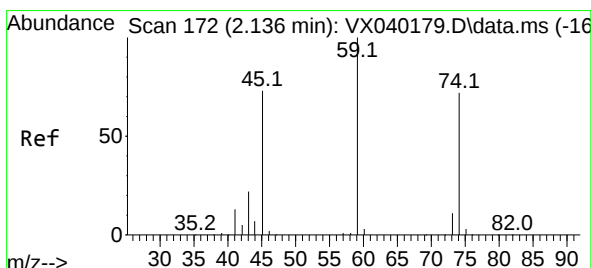
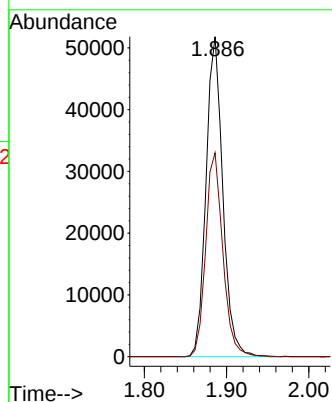
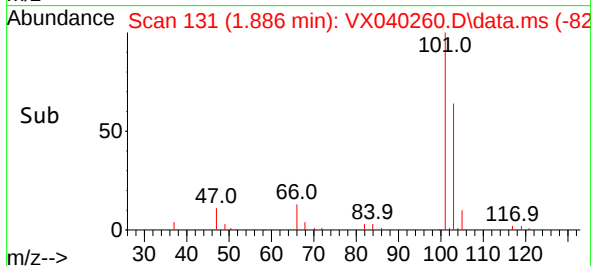
Instrument :
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Tgt Ion:101 Resp: 73379
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

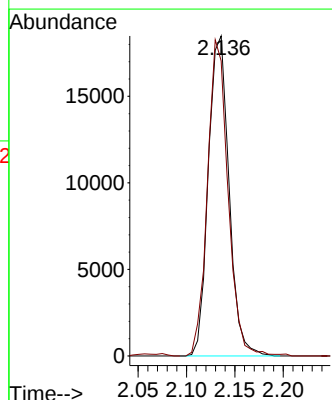
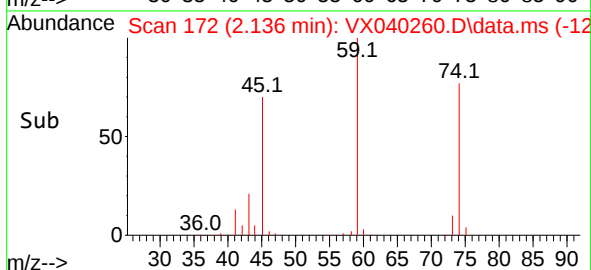
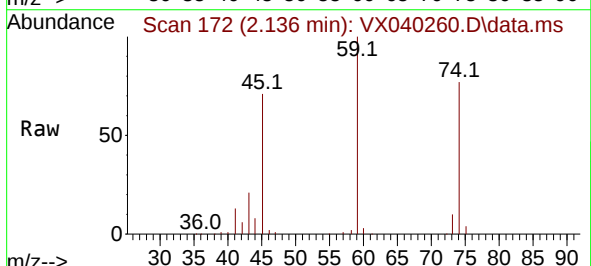
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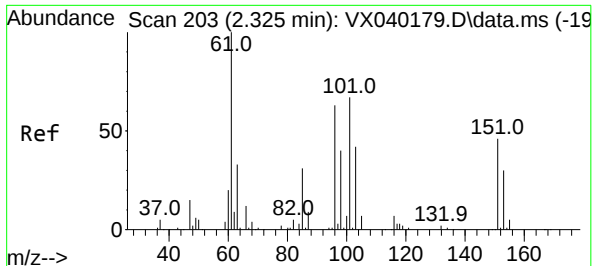
Reviewed By :John Carlone 02/16/2024
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#8
Diethyl Ether
Concen: 48.841 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 74 Resp: 27466
Ion Ratio Lower Upper
74 100
45 98.7 53.3 159.8





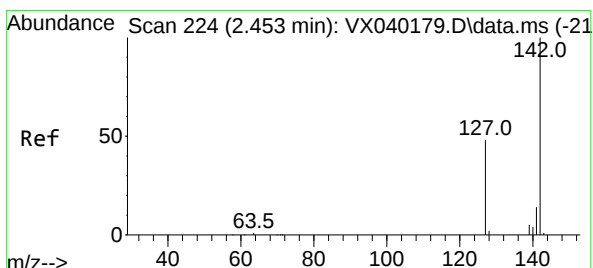
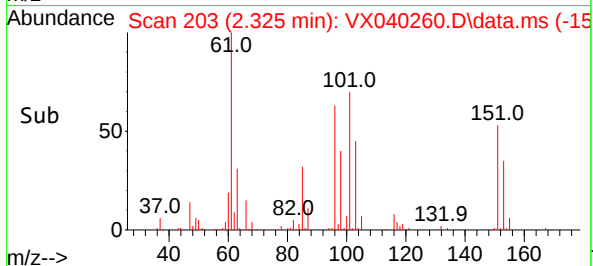
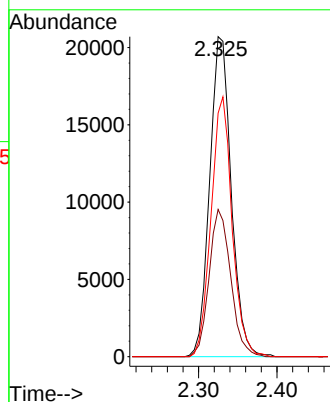
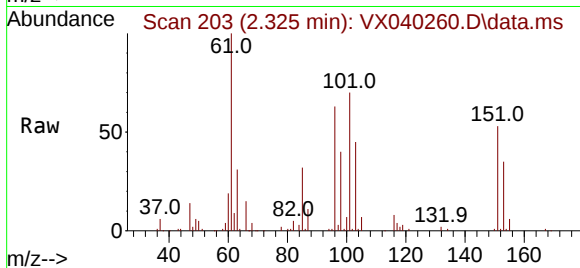
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.335 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 3961
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 79.3 58.6 87.8

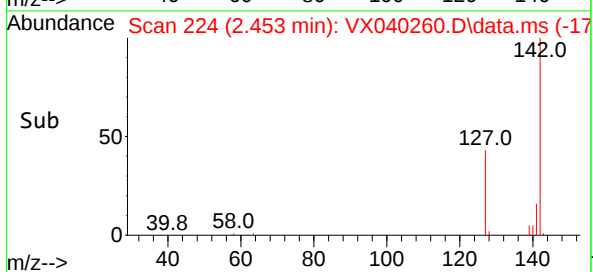
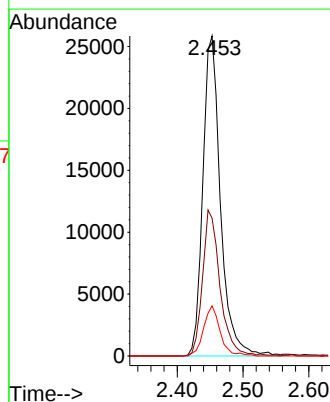
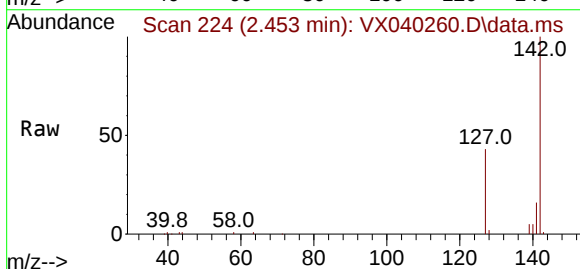
Manual Integrations
APPROVED

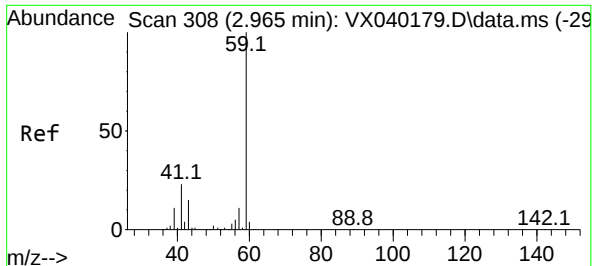
Reviewed By :John Carbone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#10
Methyl Iodide
Concen: 54.139 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:142 Resp: 48266
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 14.7 11.6 17.4





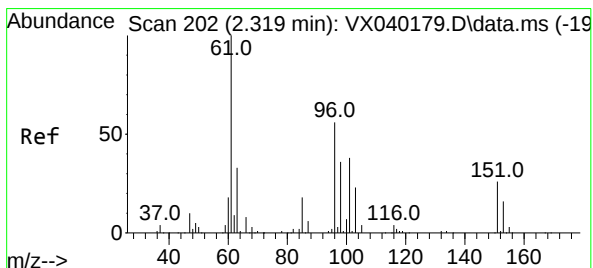
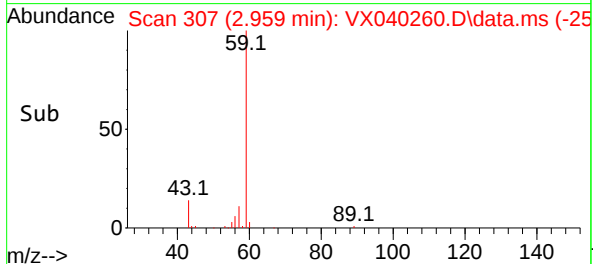
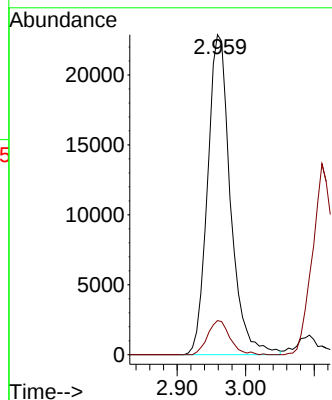
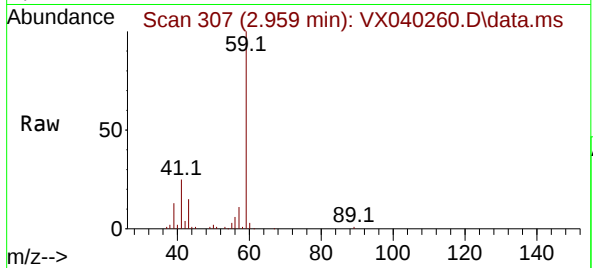
#11
Tert butyl alcohol
Concen: 242.439 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 53200
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

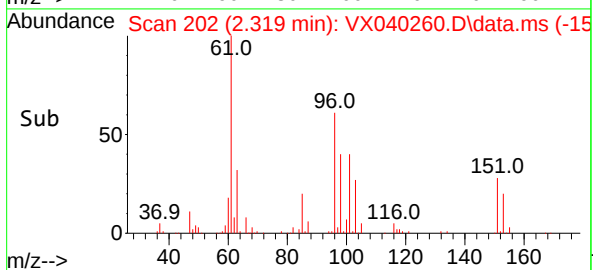
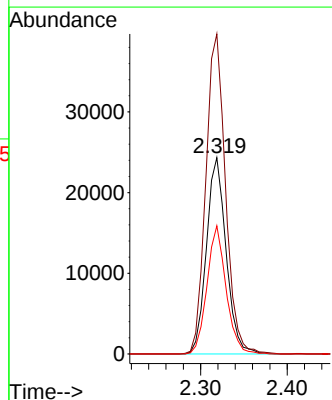
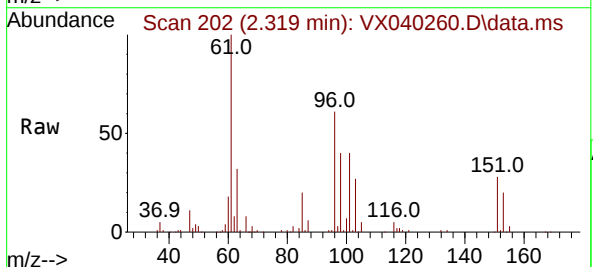
Manual Integrations
APPROVED

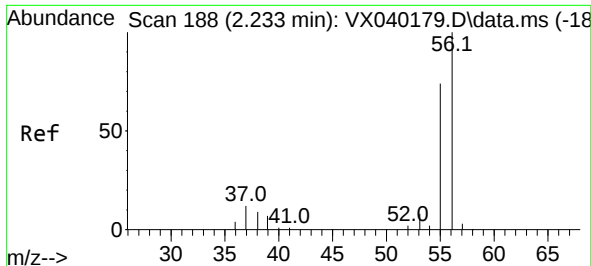
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#12
1,1-Dichloroethene
Concen: 49.715 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

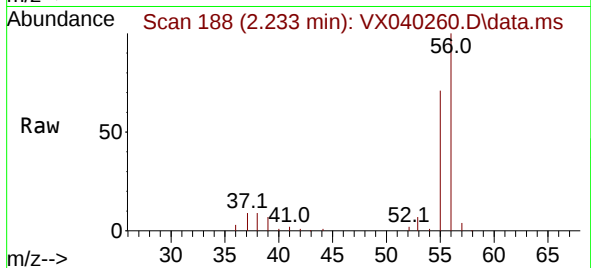
Tgt Ion: 96 Resp: 38438
Ion Ratio Lower Upper
96 100
61 163.0 144.6 216.8
98 65.3 50.4 75.6





#13
Acrolein
Concen: 268.087 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

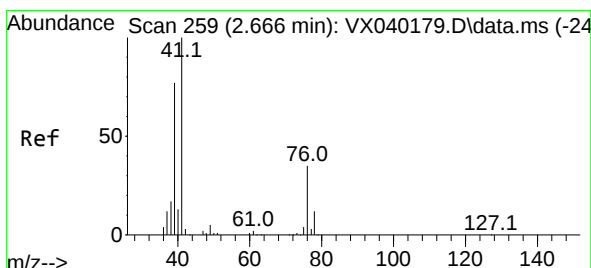
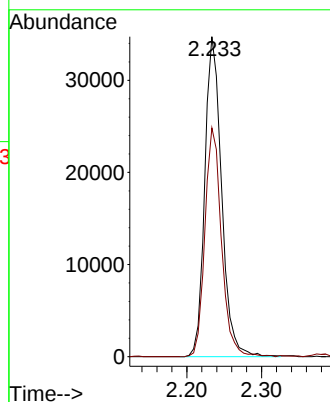
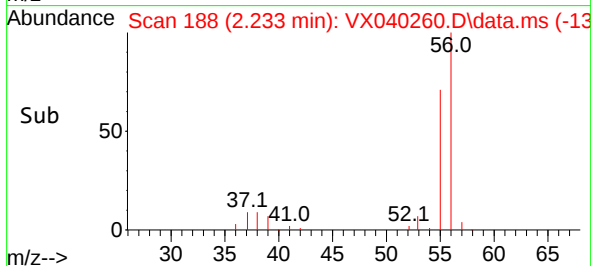
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5430
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

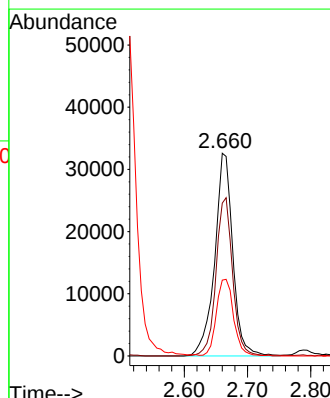
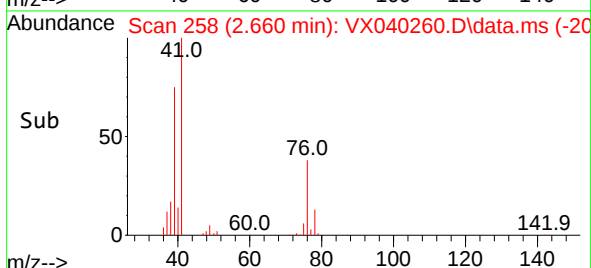
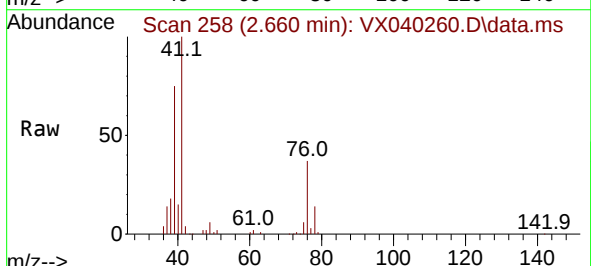
Manual Integrations
APPROVED

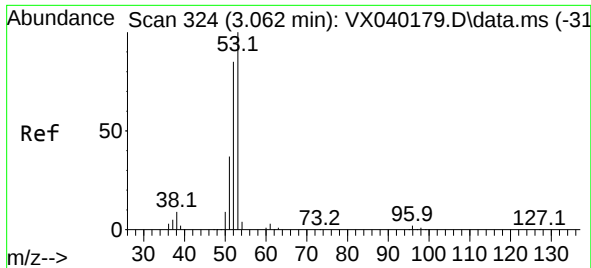
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#14
Allyl chloride
Concen: 48.324 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

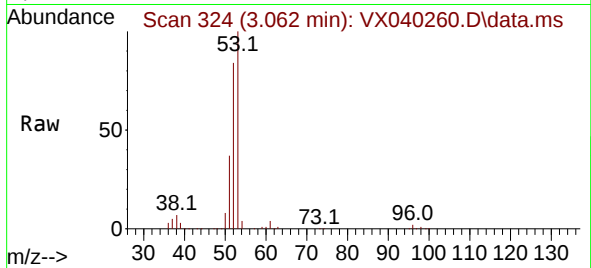
Tgt Ion: 41 Resp: 64839
Ion Ratio Lower Upper
41 100
39 71.7 55.8 83.6
76 35.9 24.3 36.5





#15
Acrylonitrile
Concen: 258.235 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

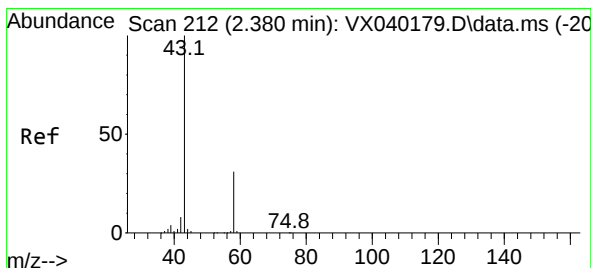
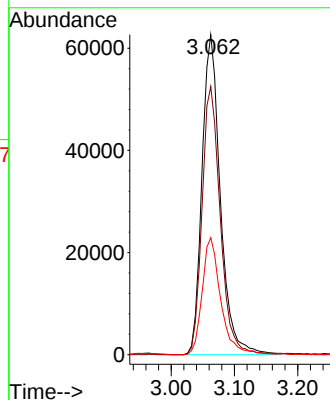
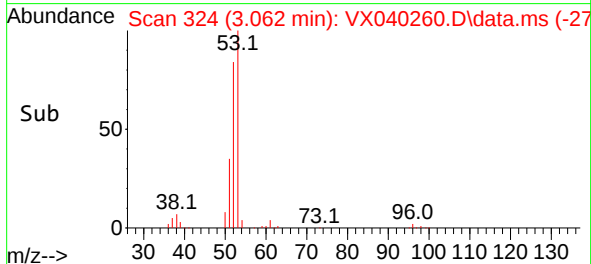
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 12679
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 36.9 29.8 44.6

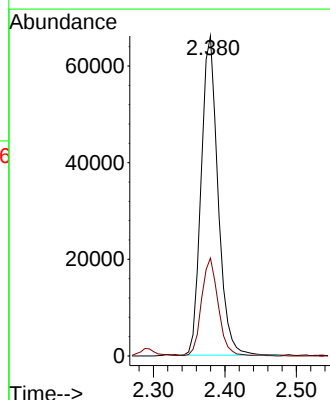
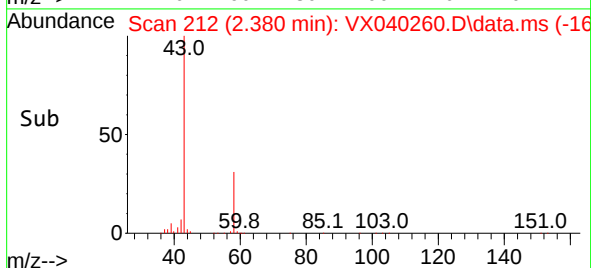
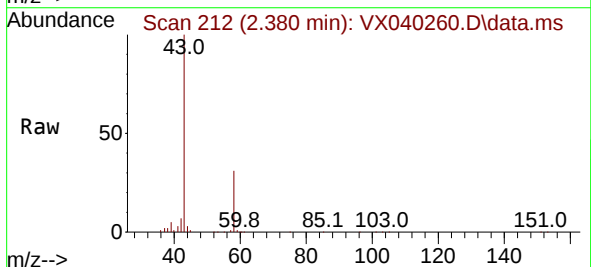
Manual Integrations
APPROVED

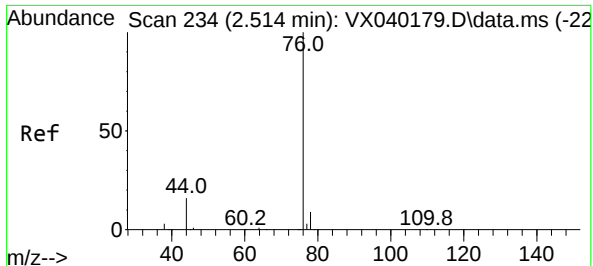
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#16
Acetone
Concen: 233.347 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 43 Resp: 107973
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





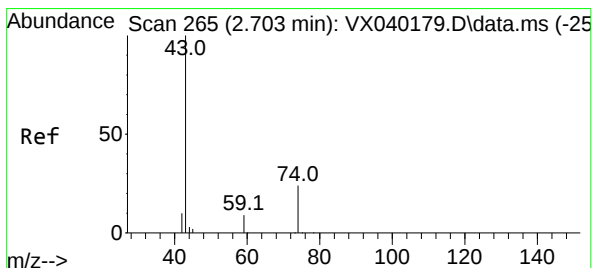
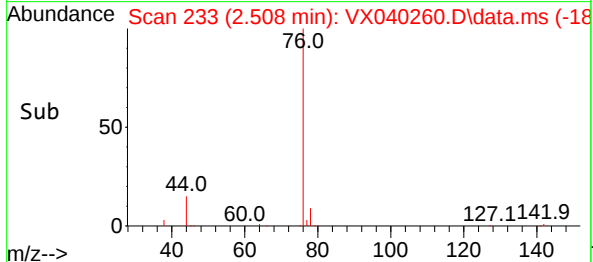
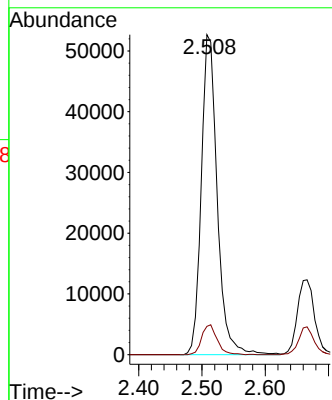
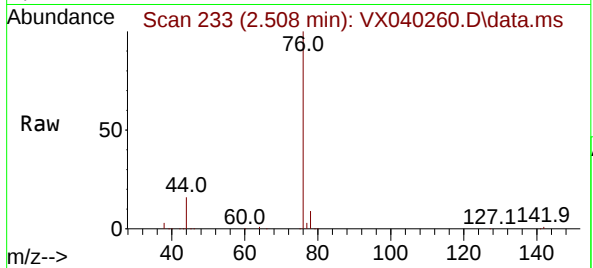
#17
Carbon Disulfide
Concen: 45.245 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9235
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

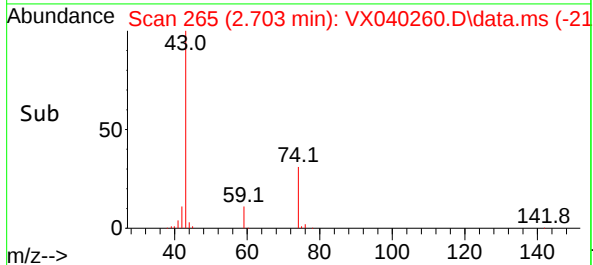
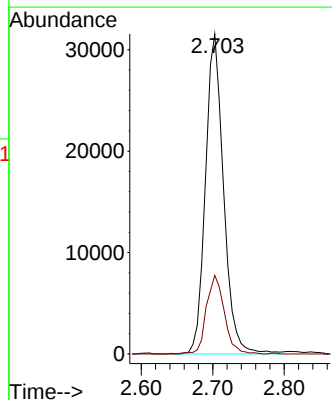
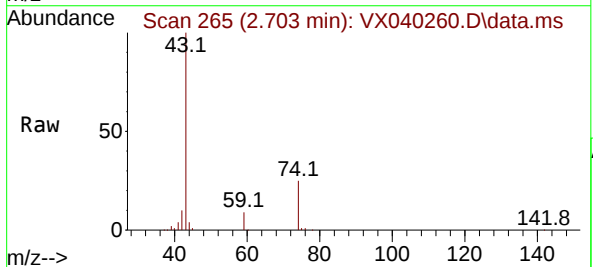
Manual Integrations
APPROVED

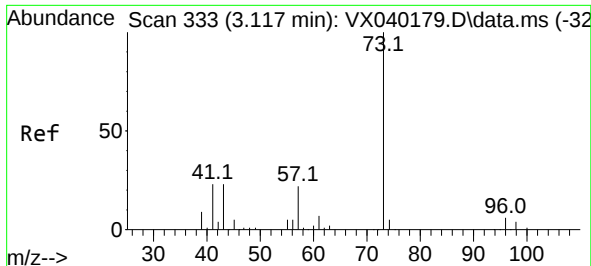
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#18
Methyl Acetate
Concen: 44.818 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 43 Resp: 55593
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





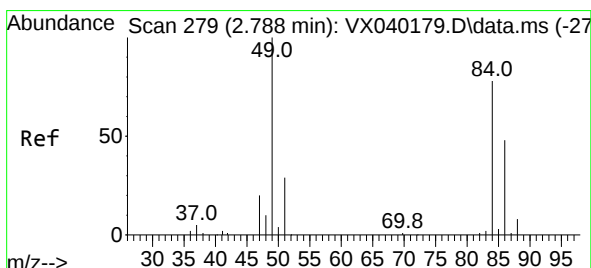
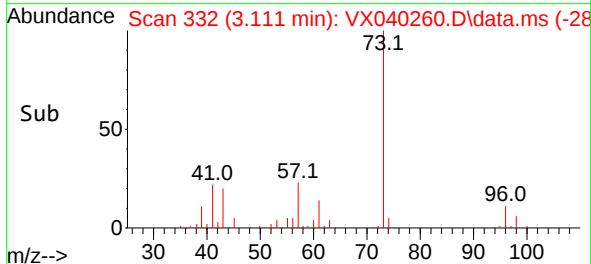
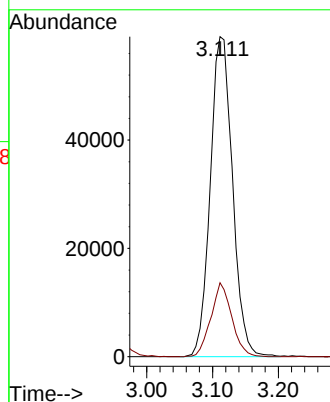
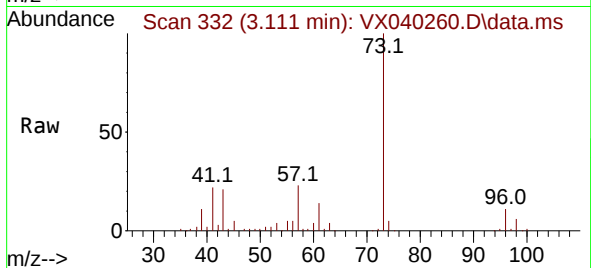
#19
Methyl tert-butyl Ether
Concen: 51.075 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 13912
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

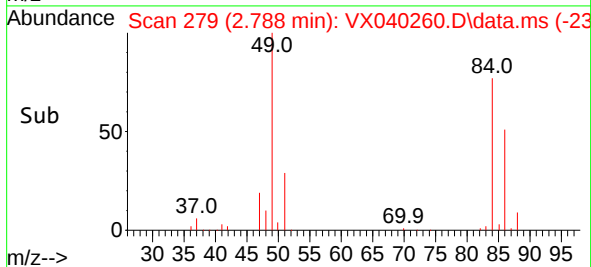
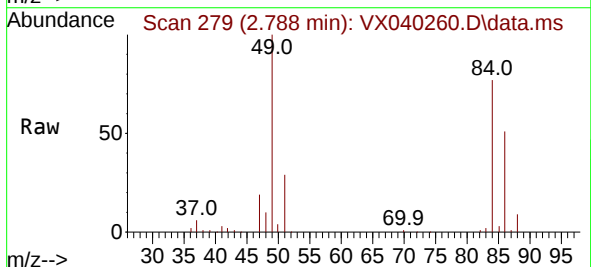
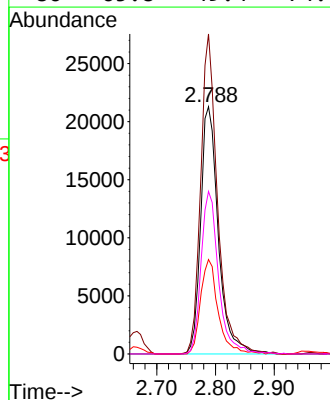
Manual Integrations
APPROVED

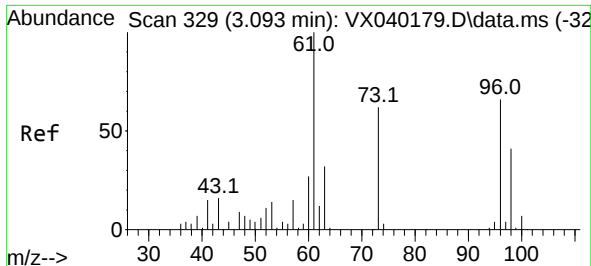
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#20
Methylene Chloride
Concen: 51.372 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

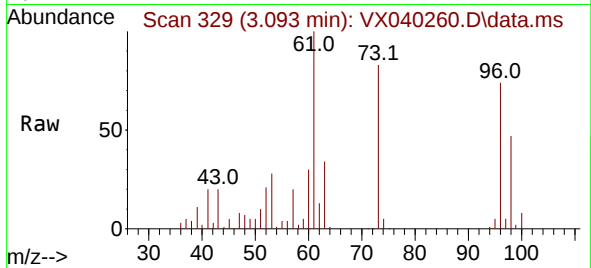
Tgt Ion: 84 Resp: 44524
Ion Ratio Lower Upper
84 100
49 129.4 103.6 155.4
51 38.2 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.345 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

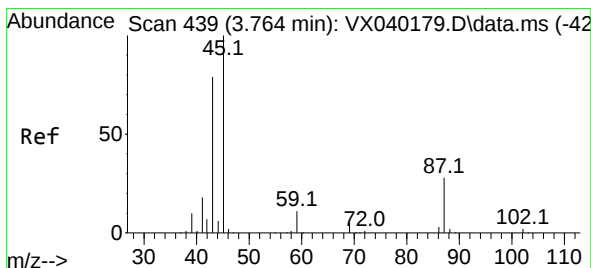
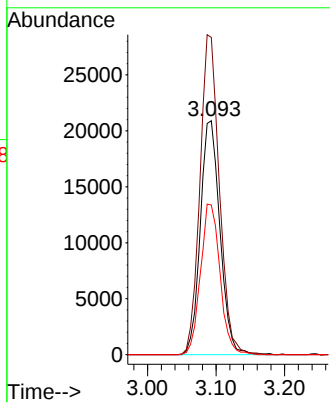
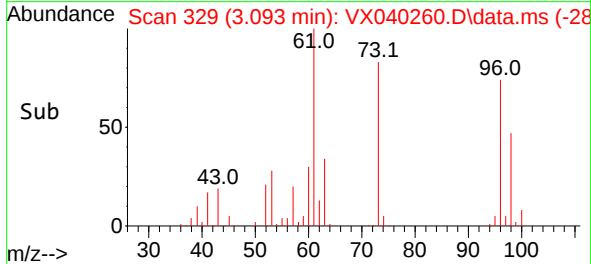
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



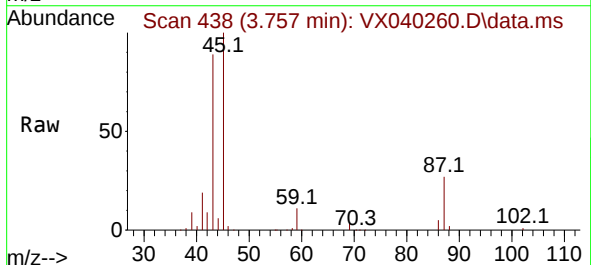
Tgt Ion: 96 Resp: 41690
Ion Ratio Lower Upper
96 100
61 135.7 119.2 178.8
98 64.0 48.7 73.1

Manual Integrations
APPROVED

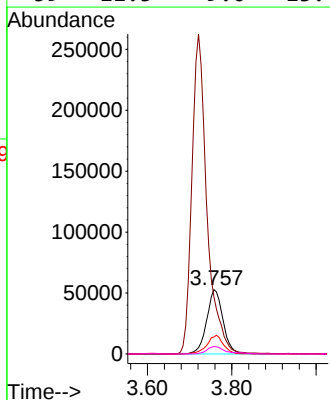
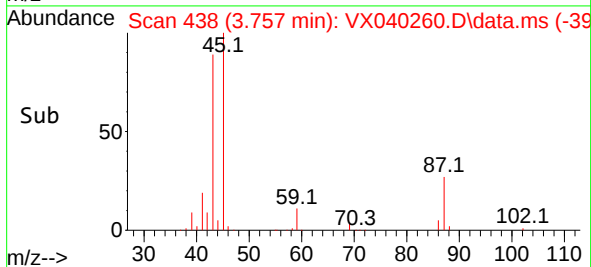
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

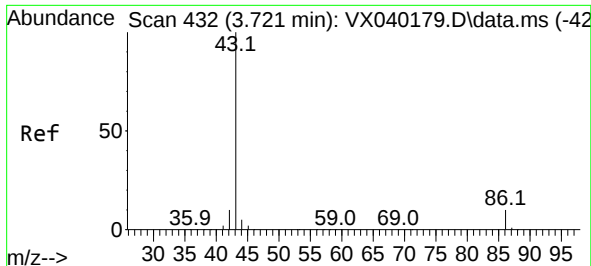


#22
Diisopropyl ether
Concen: 52.113 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



Tgt Ion: 45 Resp: 141808
Ion Ratio Lower Upper
45 100
43 88.9 69.7 104.5
87 26.5 20.8 31.2
59 11.5 9.0 13.4





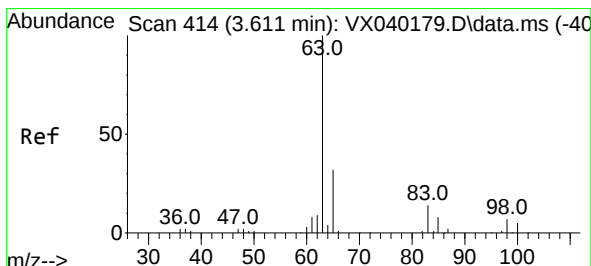
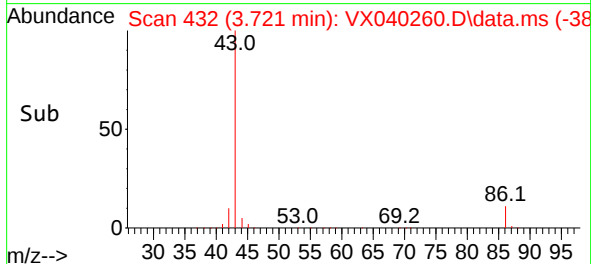
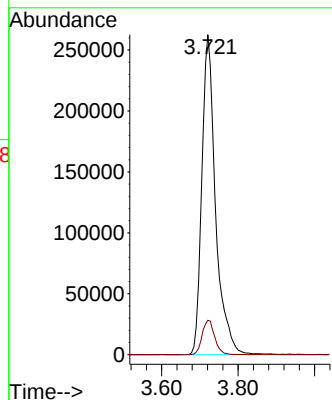
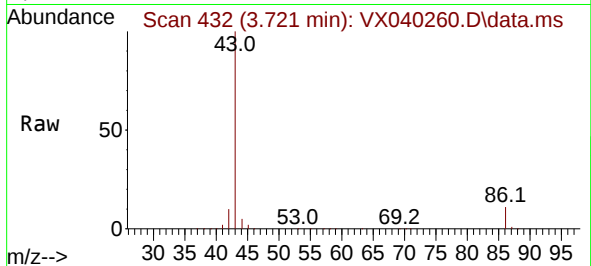
#23
 Vinyl Acetate
 Concen: 269.661 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040260.D
 Acq: 15 Feb 2024 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 654139
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

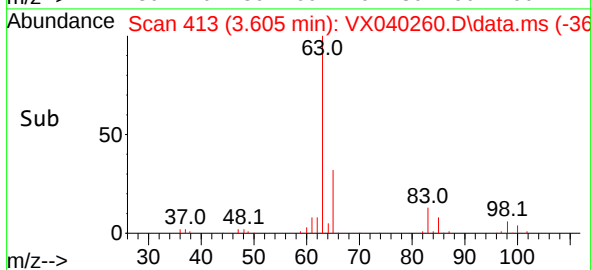
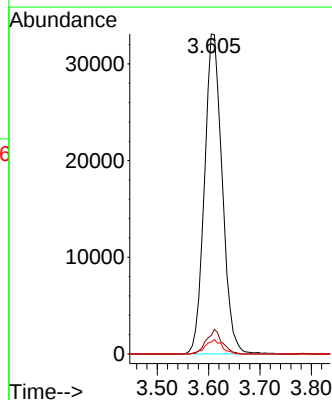
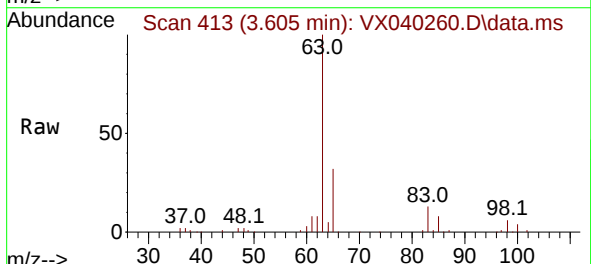
Manual Integrations
 APPROVED

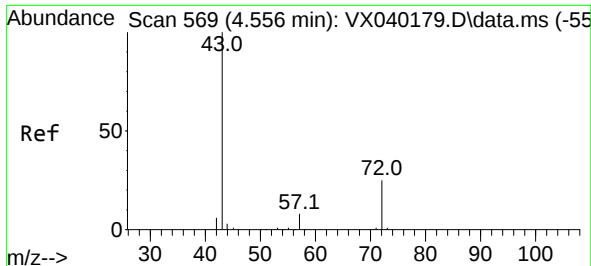
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#24
 1,1-Dichloroethane
 Concen: 50.050 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040260.D
 Acq: 15 Feb 2024 18:17

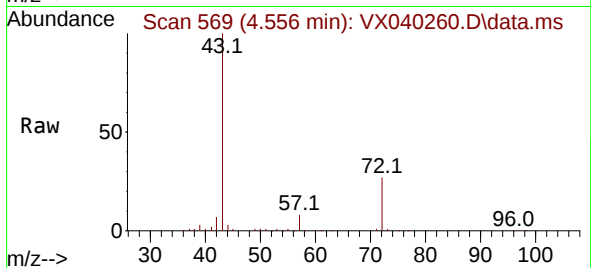
Tgt Ion: 63 Resp: 79334
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 246.982 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

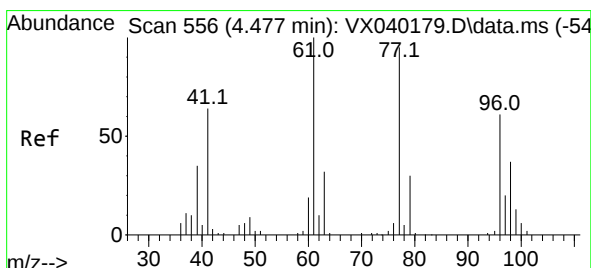
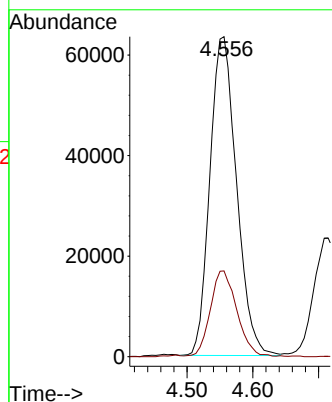
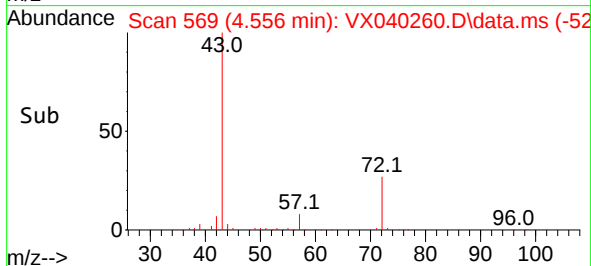
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 178638
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

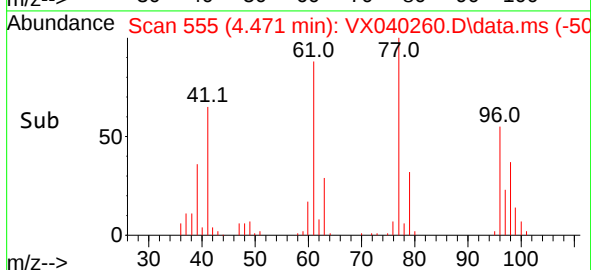
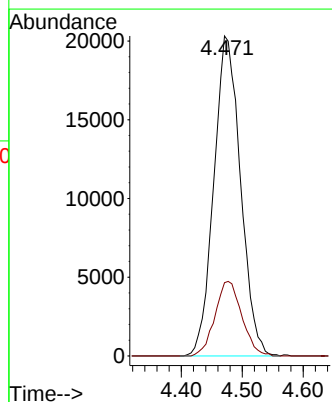
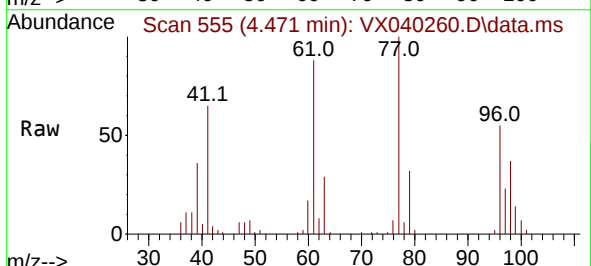
Manual Integrations
APPROVED

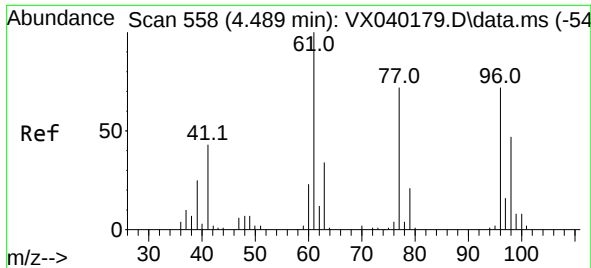
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#26
2,2-Dichloropropane
Concen: 50.675 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

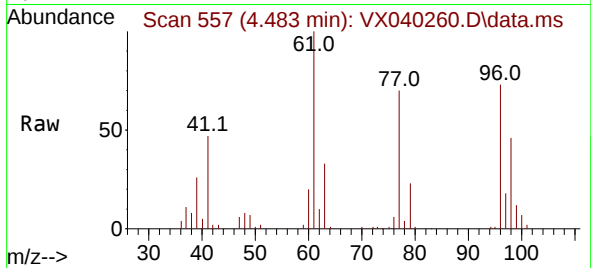
Tgt Ion: 77 Resp: 61833
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 50.665 ug/l
RT: 4.483 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

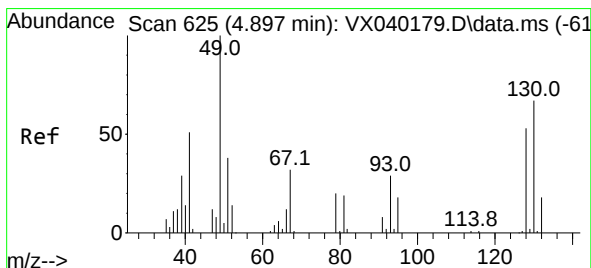
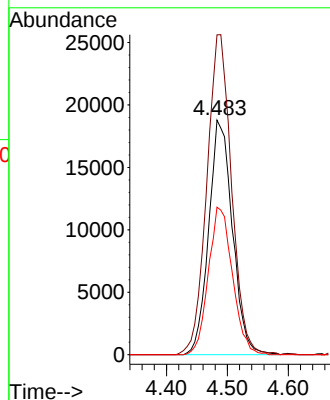
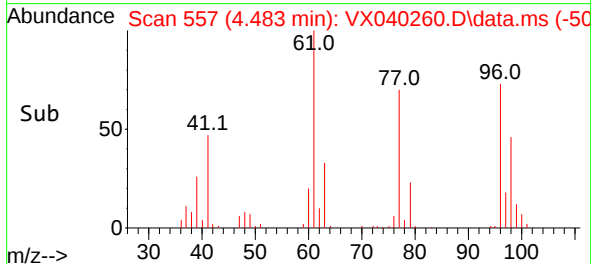
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 50894
Ion Ratio Lower Upper
96 100
61 141.9 0.0 312.2
98 63.7 0.0 129.0

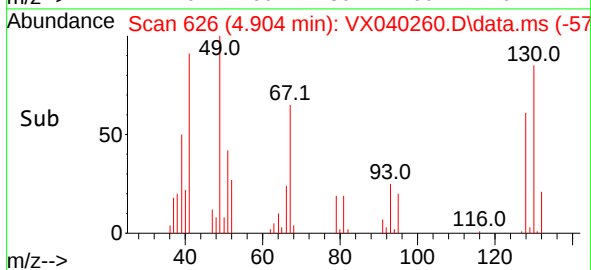
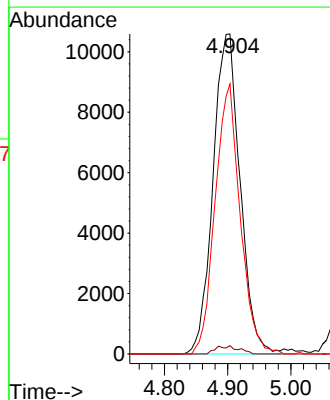
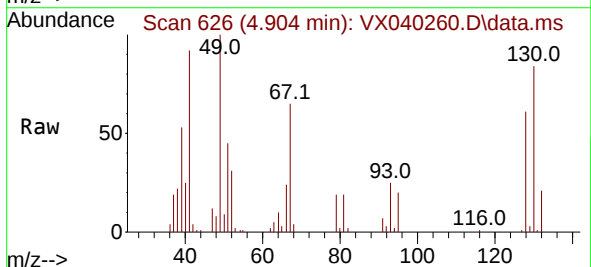
Manual Integrations
APPROVED

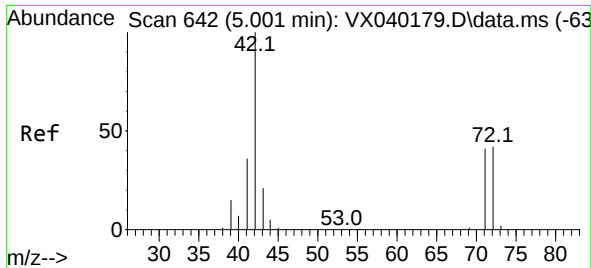
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#28
Bromochloromethane
Concen: 46.700 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

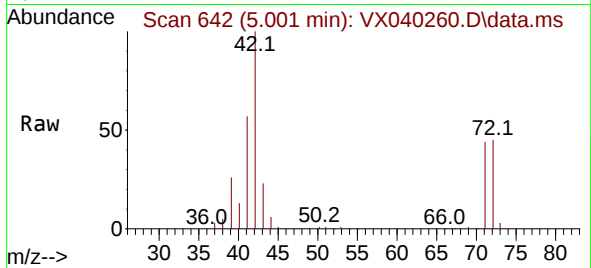
Tgt Ion: 49 Resp: 31428
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 78.2 57.5 86.3





#29
Tetrahydrofuran
Concen: 249.680 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

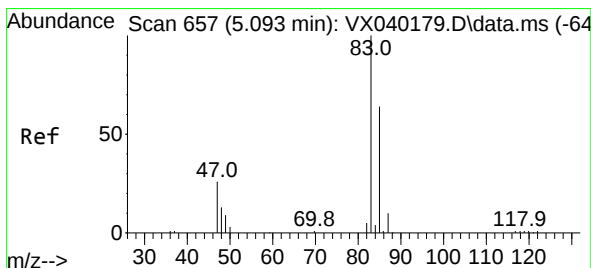
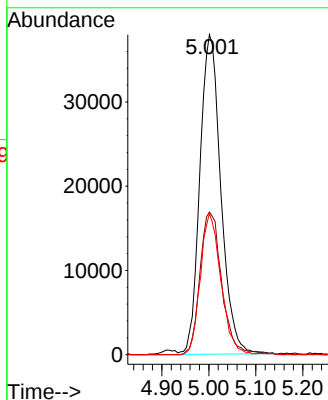
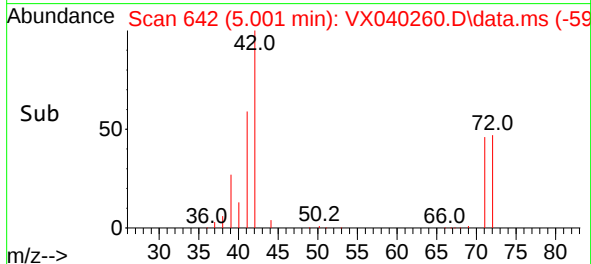
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



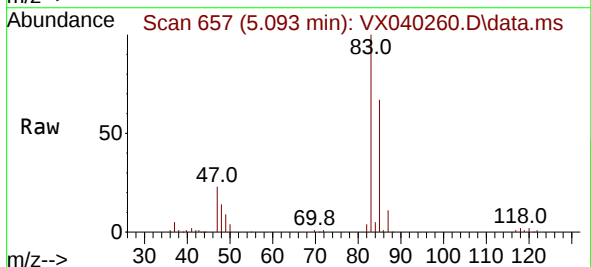
Tgt Ion: 42 Resp: 11765
Ion Ratio Lower Upper
42 100
72 46.5 34.2 51.4
71 43.2 32.2 48.2

Manual Integrations
APPROVED

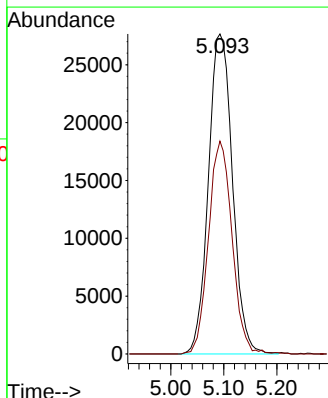
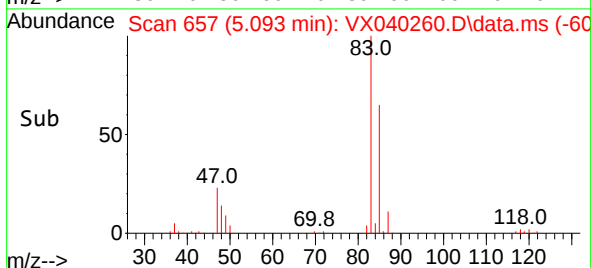
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

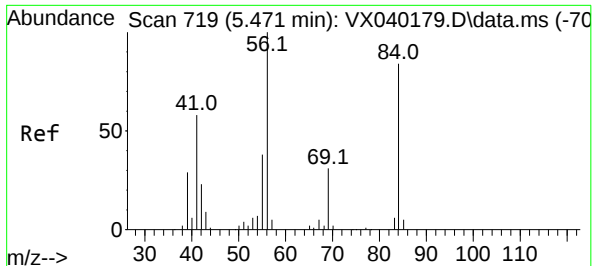


#30
Chloroform
Concen: 50.938 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



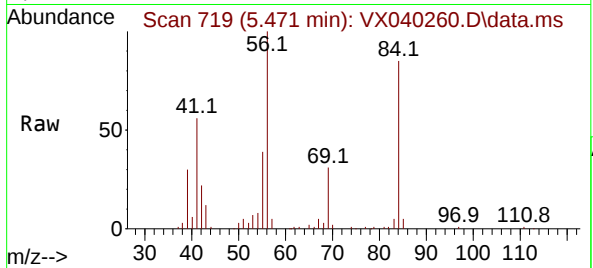
Tgt Ion: 83 Resp: 87295
Ion Ratio Lower Upper
83 100
85 66.5 50.3 75.5





#31
Cyclohexane
Concen: 47.264 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

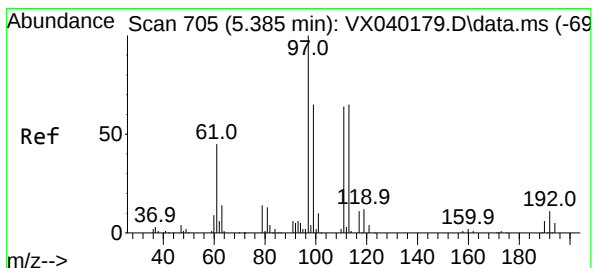
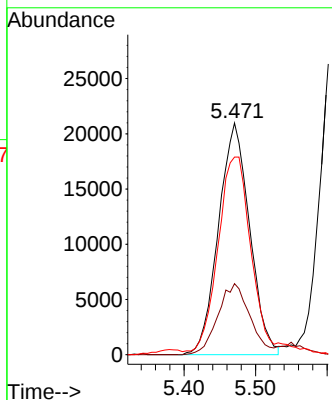
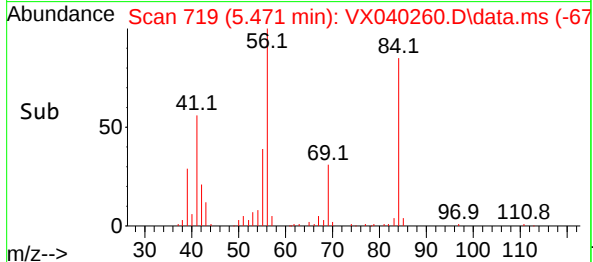
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6351
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 83.3 65.9 98.9

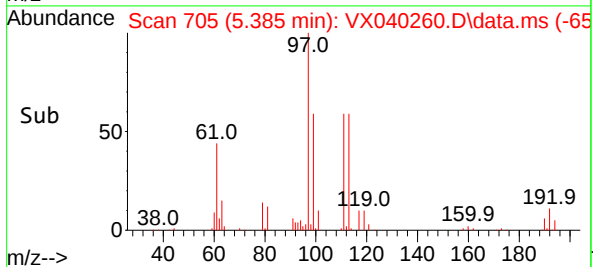
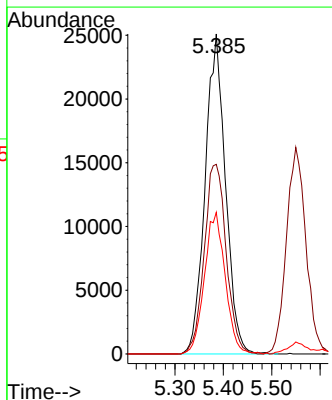
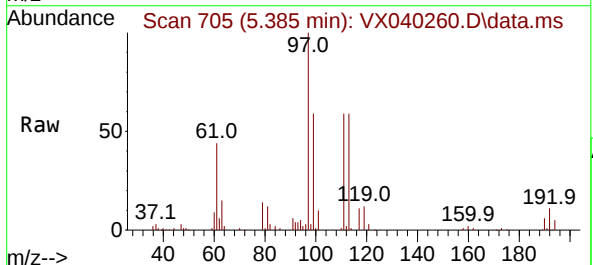
Manual Integrations
APPROVED

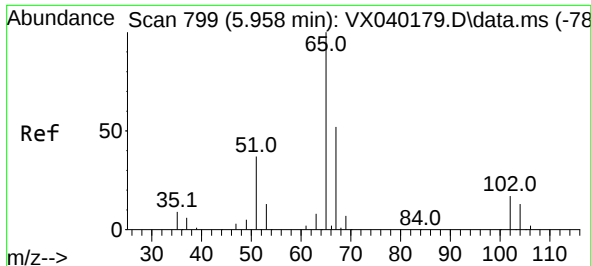
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#32
1,1,1-Trichloroethane
Concen: 50.922 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 97 Resp: 73416
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 45.2 36.4 54.6





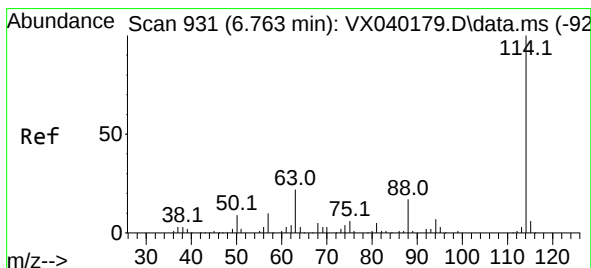
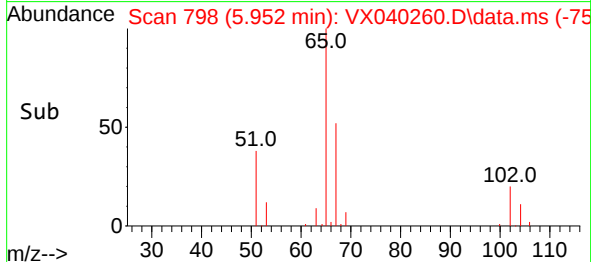
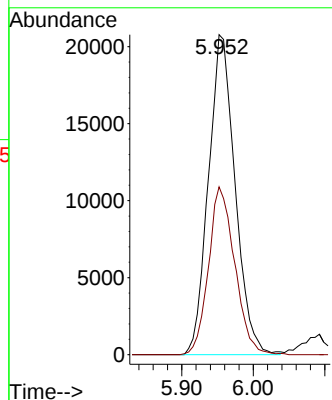
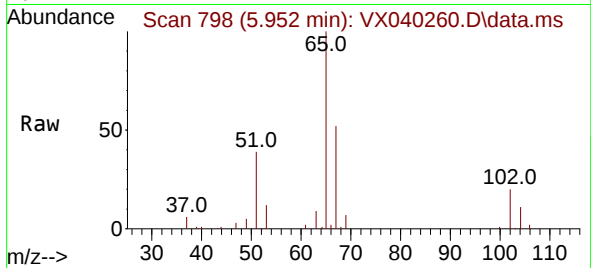
#33
 1,2-Dichloroethane-d4
 Concen: 47.751 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040260.D
 Acq: 15 Feb 2024 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 5379
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2

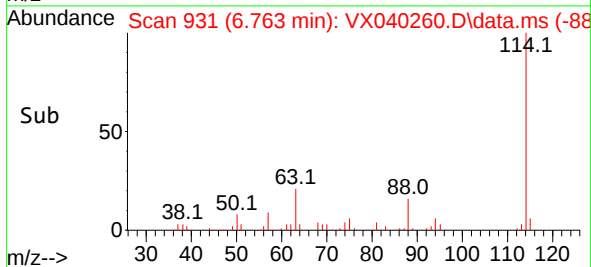
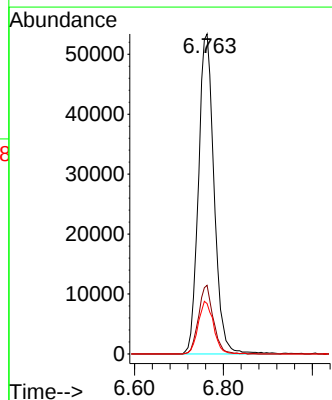
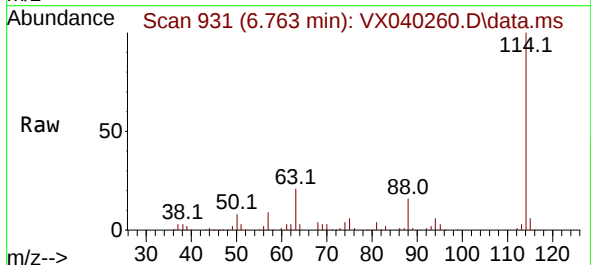
Manual Integrations
 APPROVED

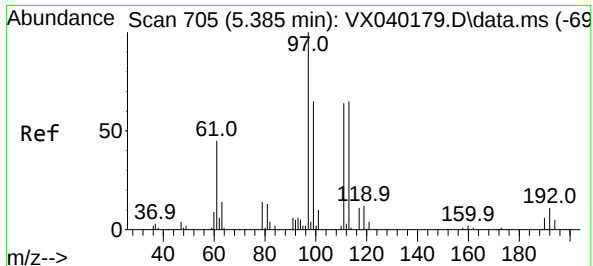
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040260.D
 Acq: 15 Feb 2024 18:17

Tgt Ion:114 Resp: 130408
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.055 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 4285

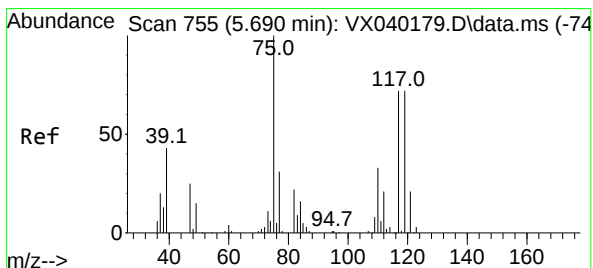
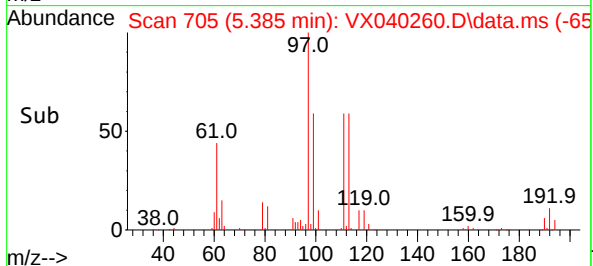
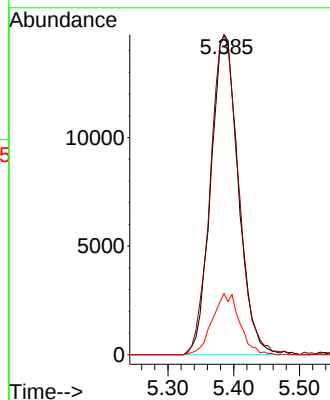
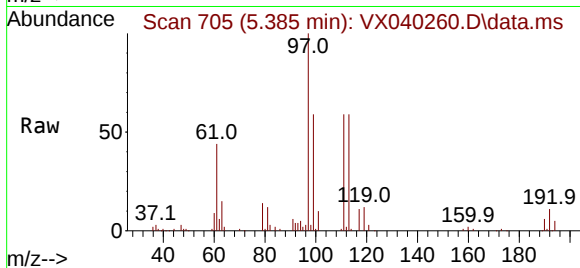
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#36

1,1-Dichloropropene

Concen: 47.510 ug/l

RT: 5.690 min Scan# 755

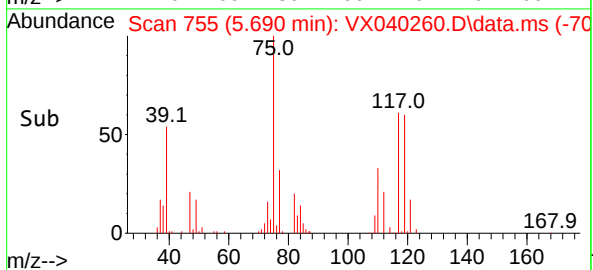
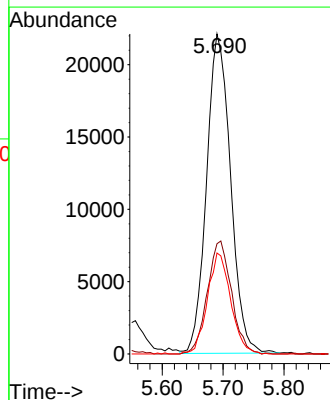
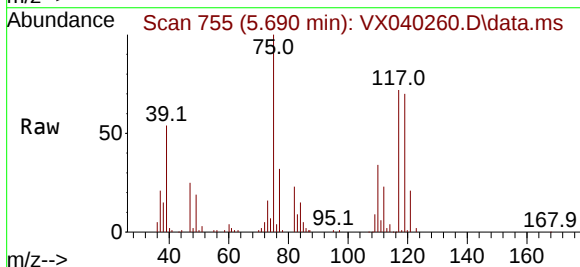
Delta R.T. -0.006 min

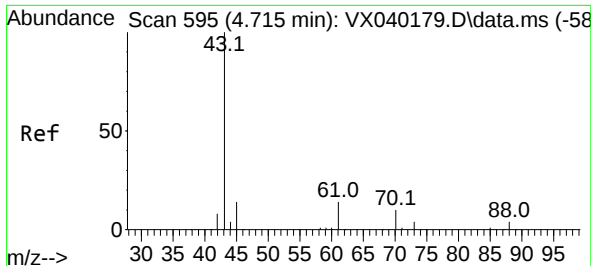
Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Tgt Ion: 75 Resp: 60610

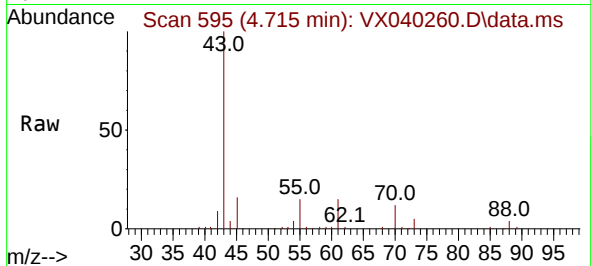
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.0	50.9
77	30.6	24.7	37.1





#37
Ethyl Acetate
Concen: 48.970 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

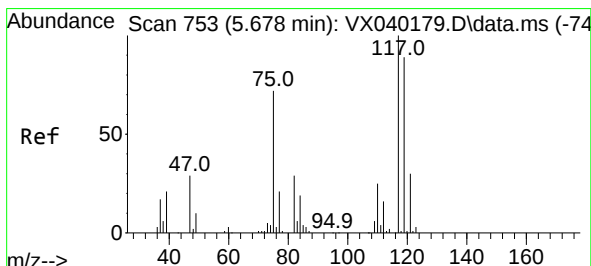
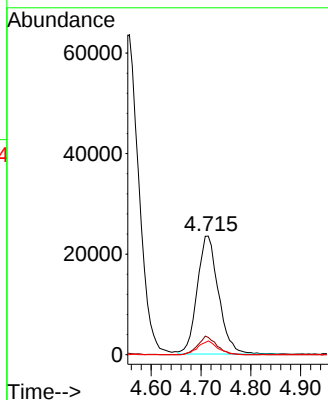
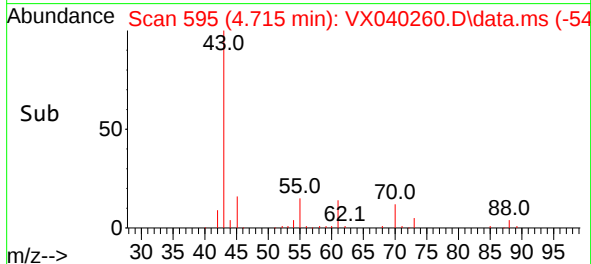
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69514
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.7 8.3 12.5

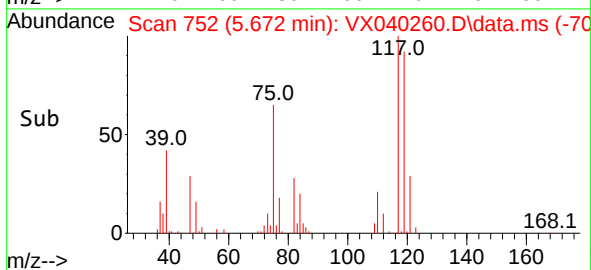
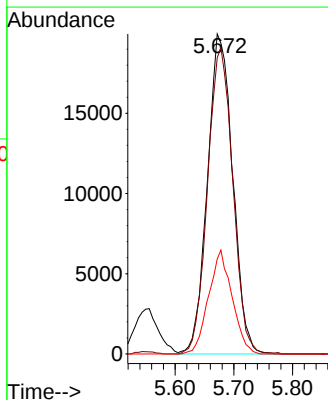
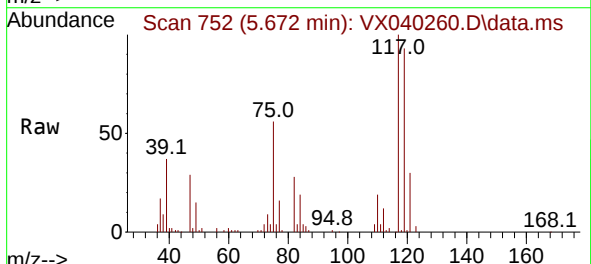
Manual Integrations
APPROVED

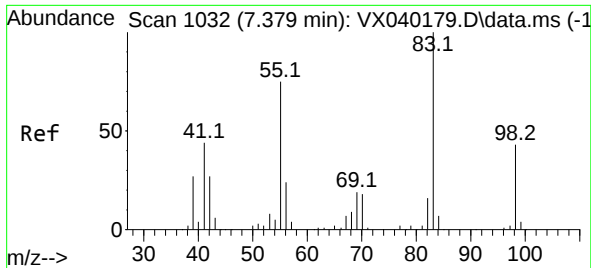
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#38
Carbon Tetrachloride
Concen: 49.193 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:117 Resp: 59670
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.2
121 29.7 24.4 36.6





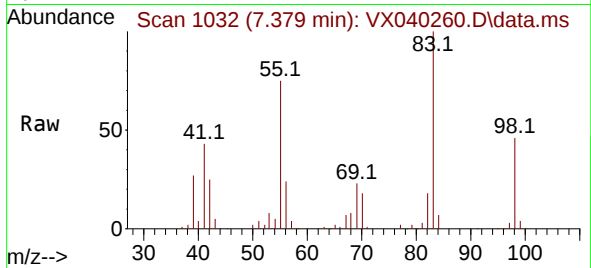
#39
Methylcyclohexane
Concen: 46.790 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



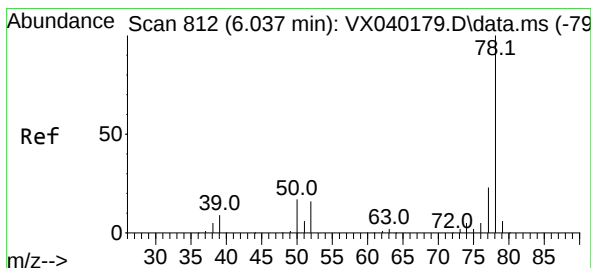
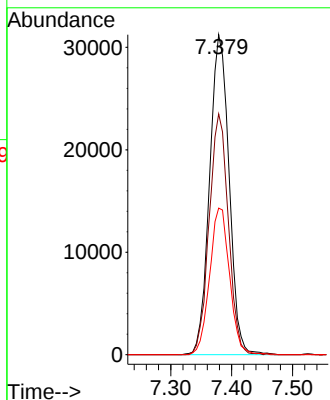
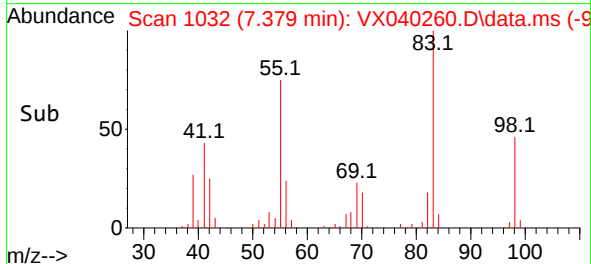
Tgt Ion: 83 Resp: 69369
Ion Ratio Lower Upper
83 100
55 75.3 64.6 97.0
98 45.8 36.7 55.1

Manual Integrations

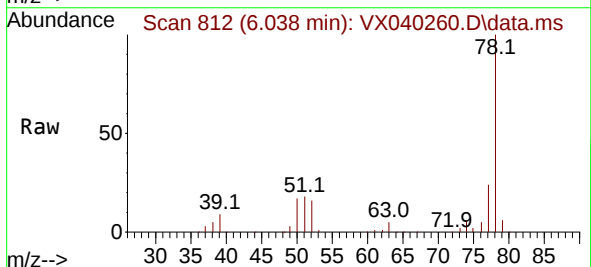
APPROVED

Reviewed By :John Carlone 02/16/2024

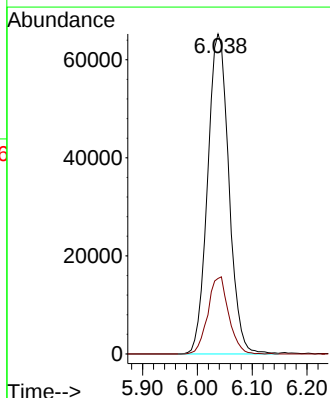
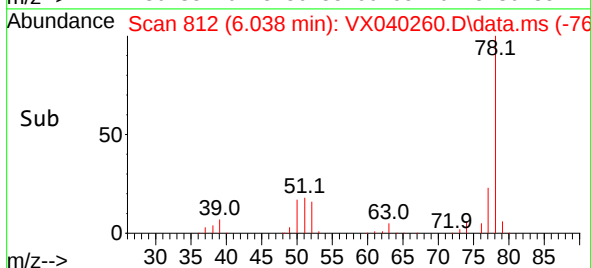
Supervised By :Mahesh Dadoda 02/16/2024

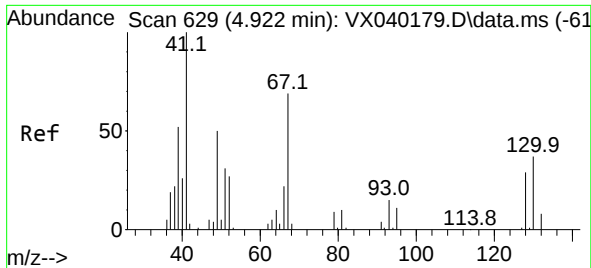


#40
Benzene
Concen: 49.302 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



Tgt Ion: 78 Resp: 175885
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 49.793 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

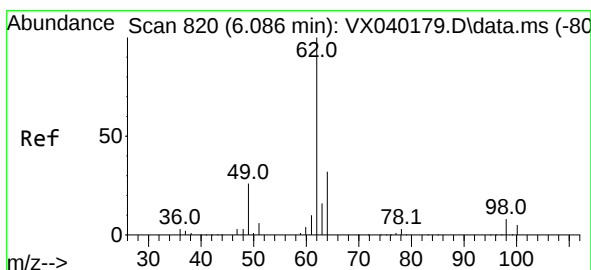
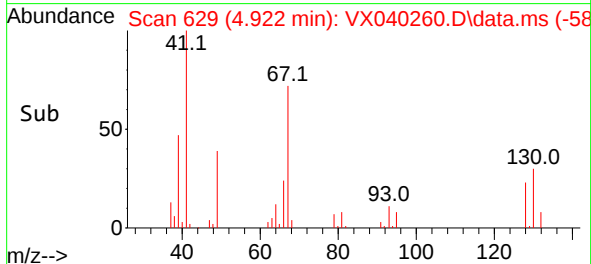
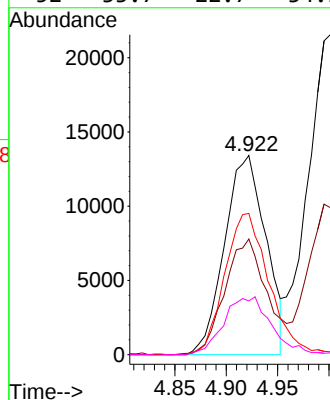
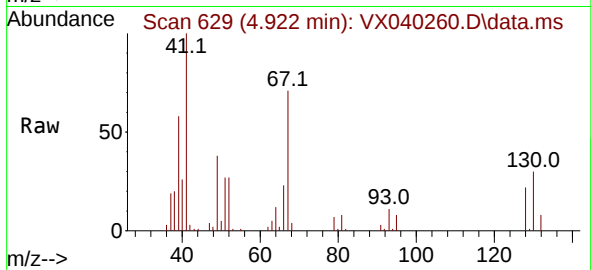
Tgt Ion: 41 Resp: 37470
Ion Ratio Lower Upper
41 100
39 59.3 45.2 67.8
67 76.1 52.6 78.8
52 33.7 22.7 34.1

Manual Integrations

APPROVED

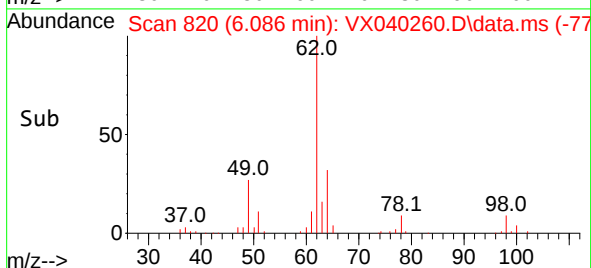
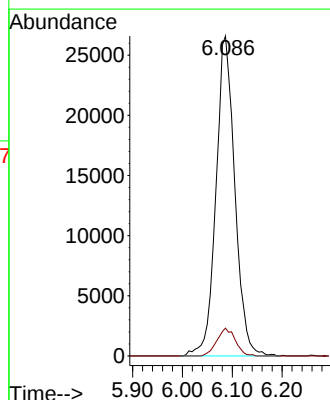
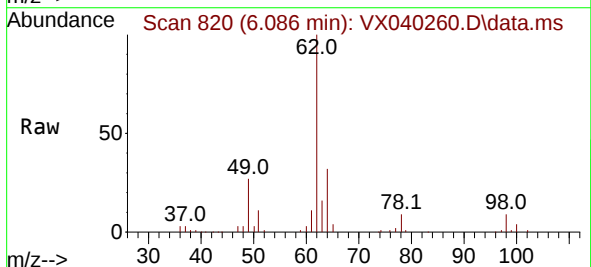
Reviewed By :John Carlone 02/16/2024

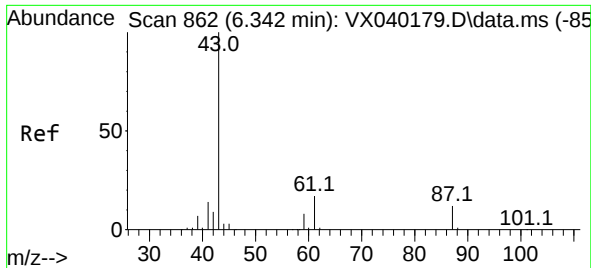
Supervised By :Mahesh Dadoda 02/16/2024



#42
1,2-Dichloroethane
Concen: 50.136 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

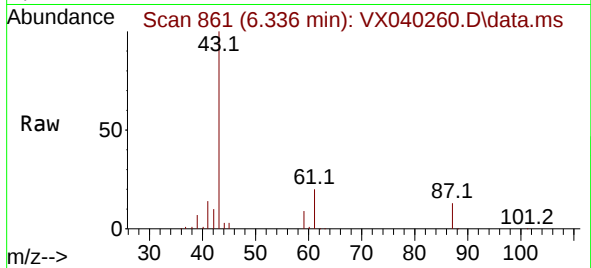
Tgt Ion: 62 Resp: 69912
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.619 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

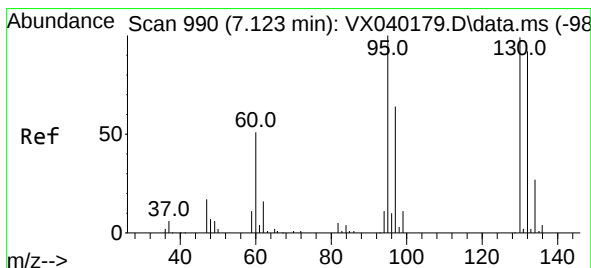
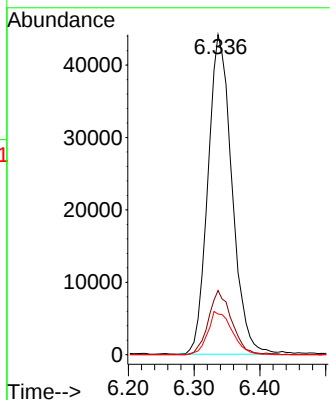
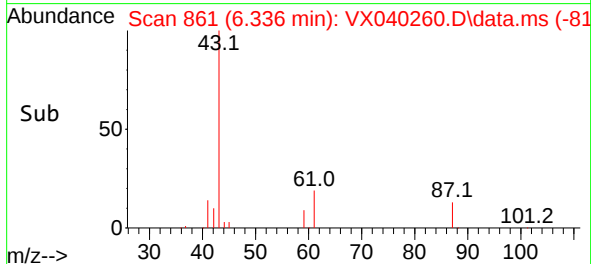
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11216
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 13.6 9.8 14.6

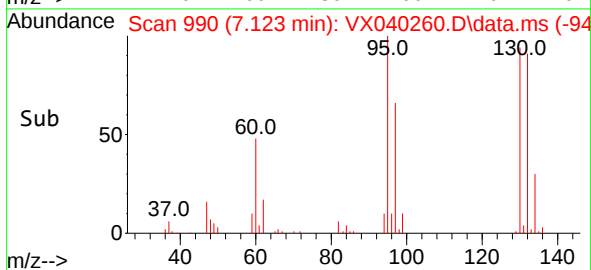
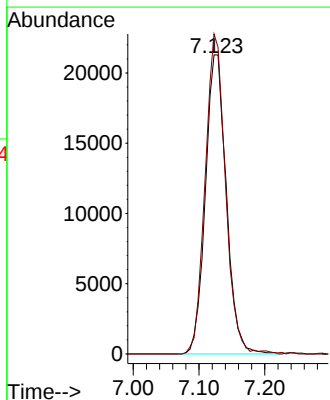
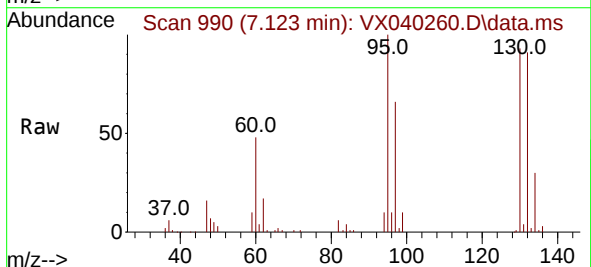
Manual Integrations
APPROVED

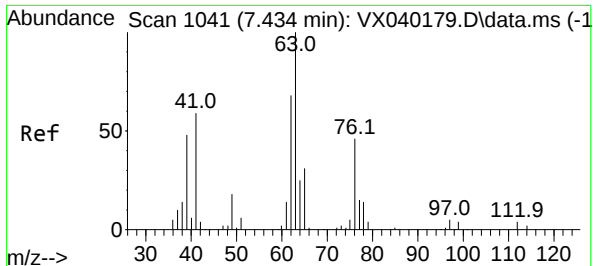
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#44
Trichloroethene
Concen: 47.957 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:130 Resp: 47193
Ion Ratio Lower Upper
130 100
95 107.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.019 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4830

Ion Ratio Lower Upper

63 100

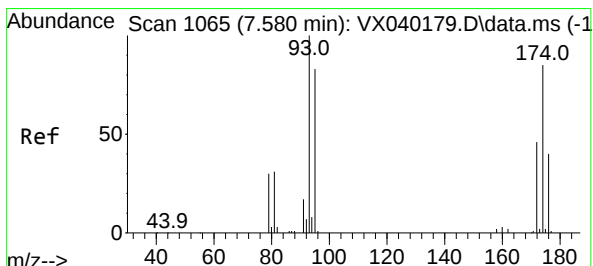
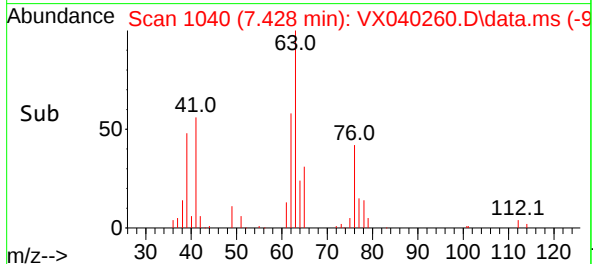
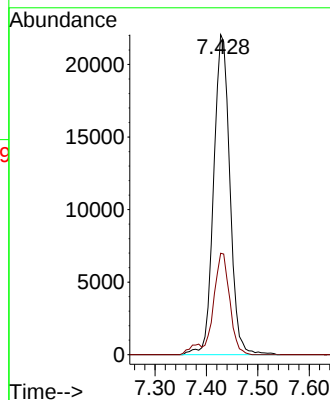
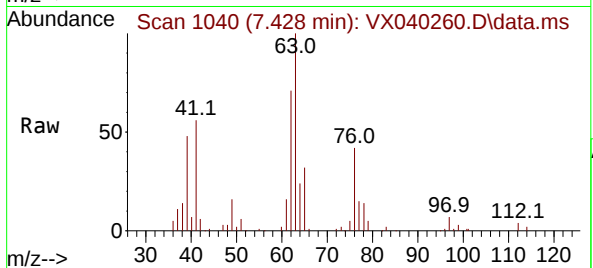
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#46

Dibromomethane

Concen: 51.803 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

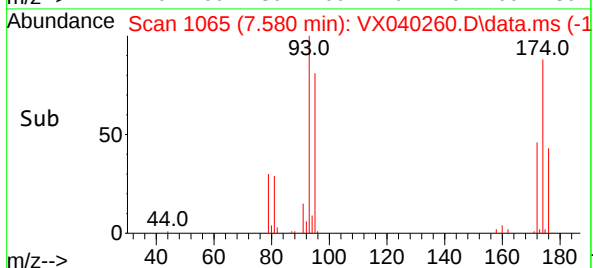
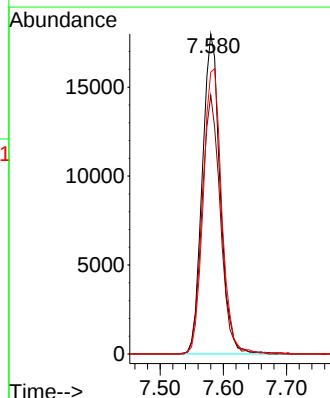
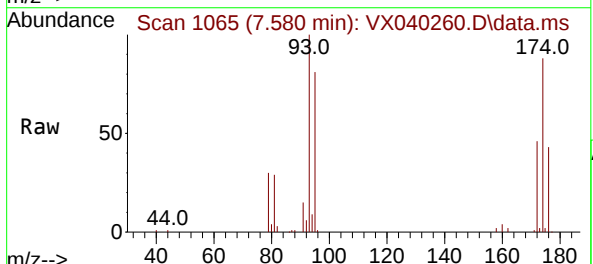
Tgt Ion: 93 Resp: 35427

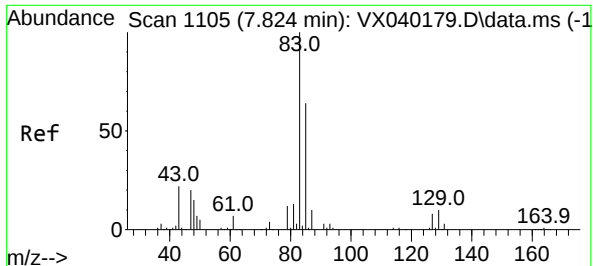
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 92.4 69.4 104.0





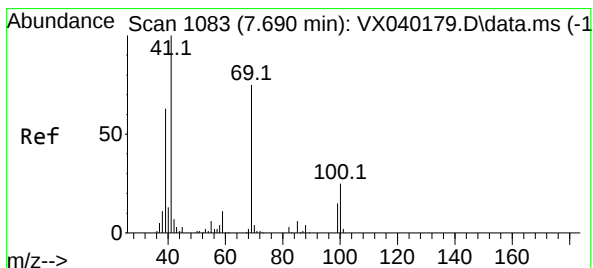
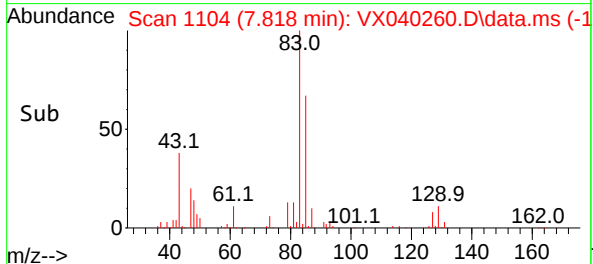
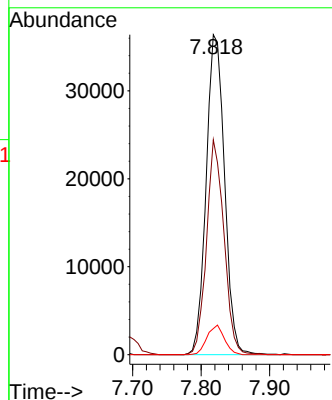
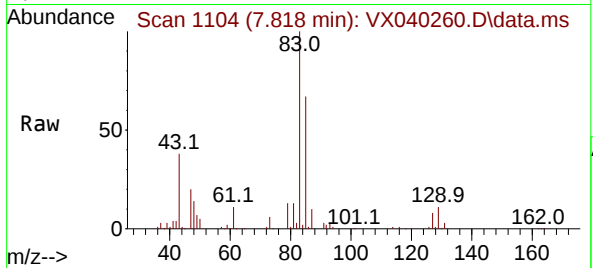
#47
Bromodichloromethane
Concen: 51.619 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 68019
Ion Ratio Lower Upper
83 100
85 67.2 49.8 74.6
127 8.2 7.1 10.7

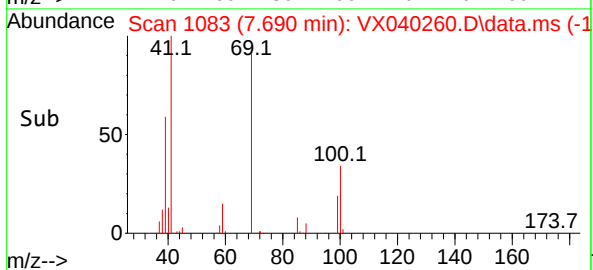
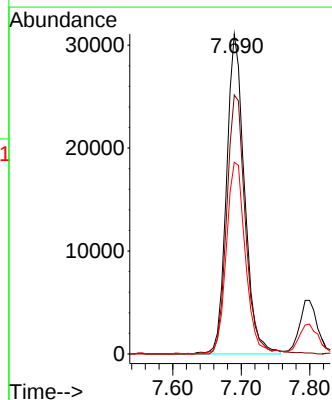
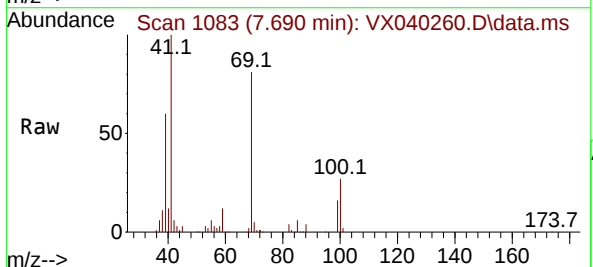
Manual Integrations
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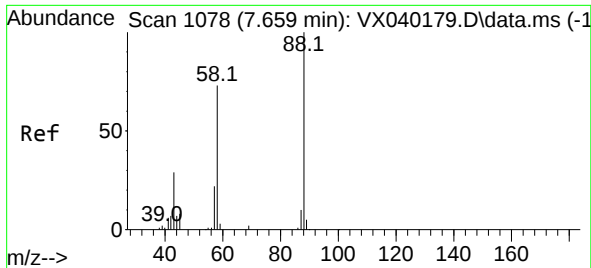
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#48
Methyl methacrylate
Concen: 49.823 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

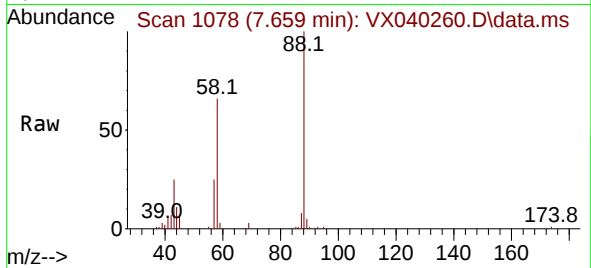
Tgt Ion: 41 Resp: 56492
Ion Ratio Lower Upper
41 100
69 84.3 59.2 88.8
39 63.8 47.7 71.5





#49
1,4-Dioxane
Concen: 875.481 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

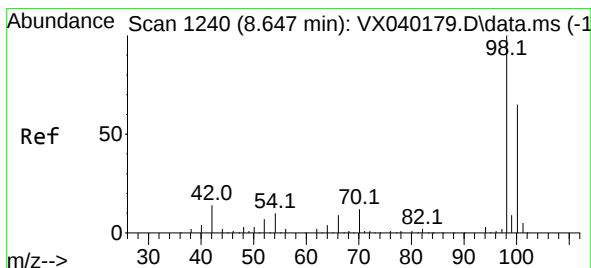
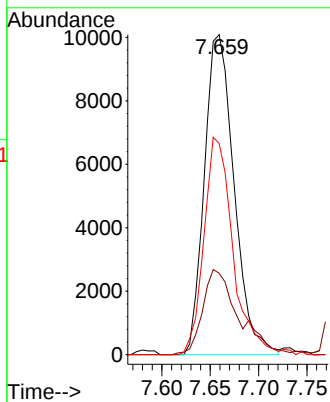
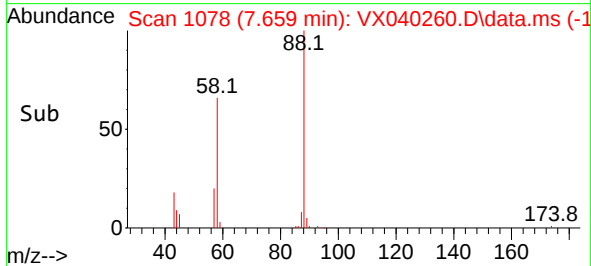
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2159
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0
58 66.5 60.1 90.1

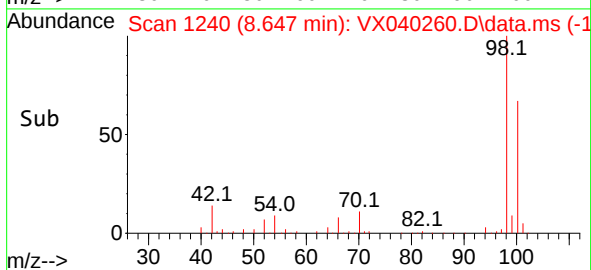
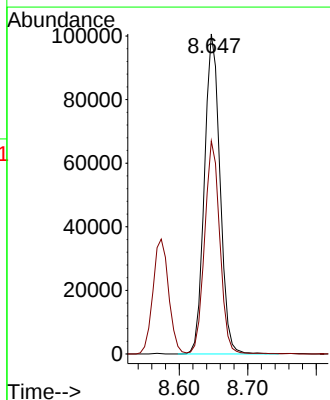
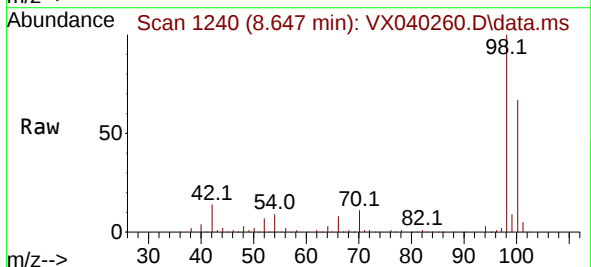
Manual Integrations
APPROVED

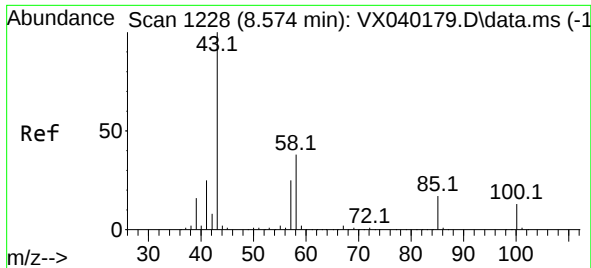
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#50
Toluene-d8
Concen: 46.790 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 98 Resp: 159398
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





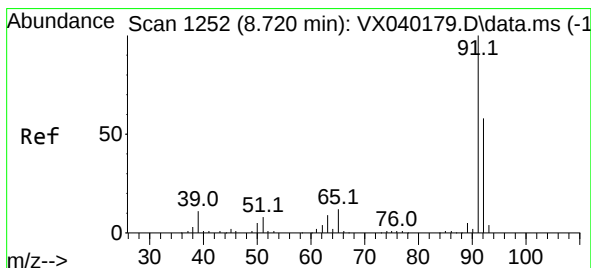
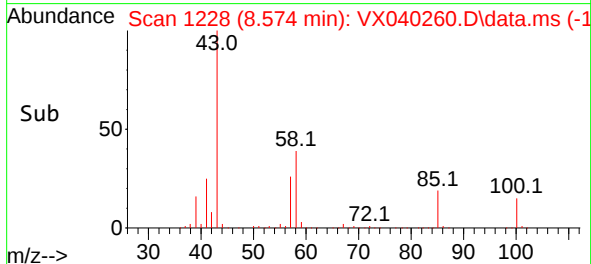
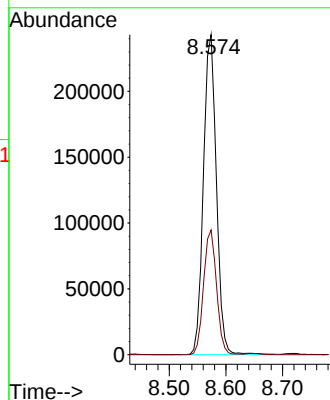
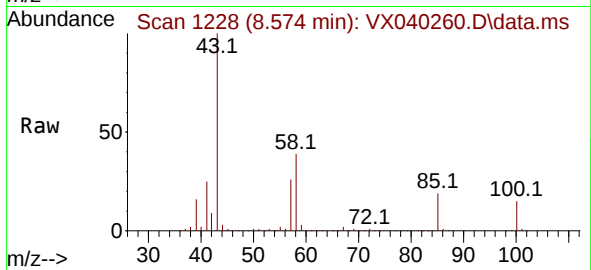
#51
4-Methyl-2-Pentanone
Concen: 255.405 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 386404
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

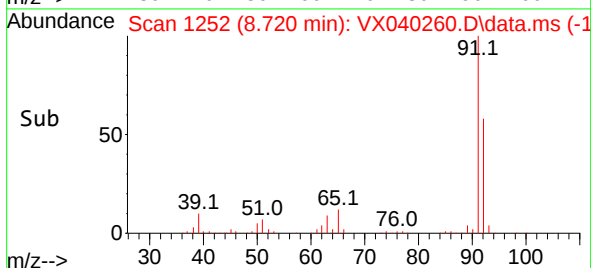
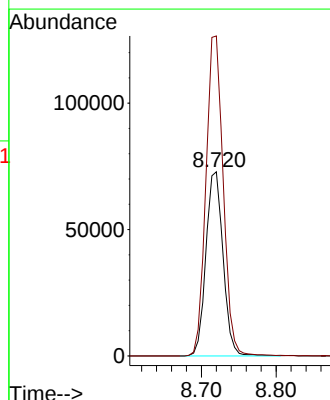
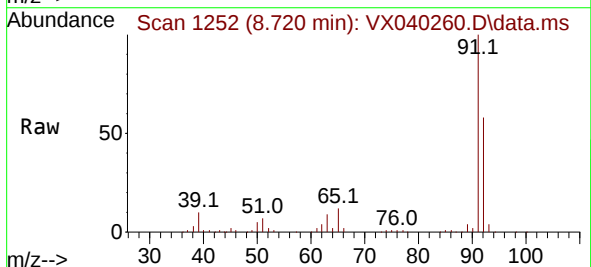
Manual Integrations
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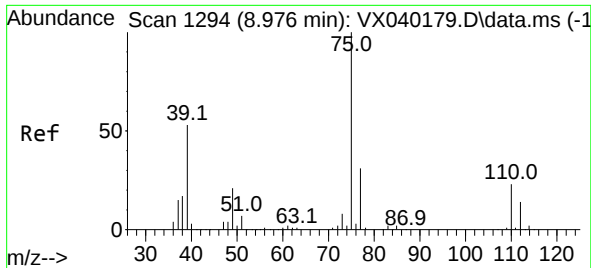
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#52
Toluene
Concen: 49.629 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 92 Resp: 115972
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.044 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7364

Ion Ratio Lower Upper

75 100

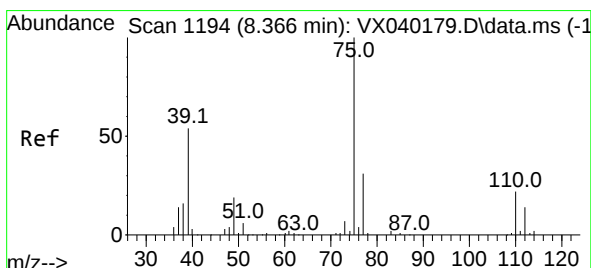
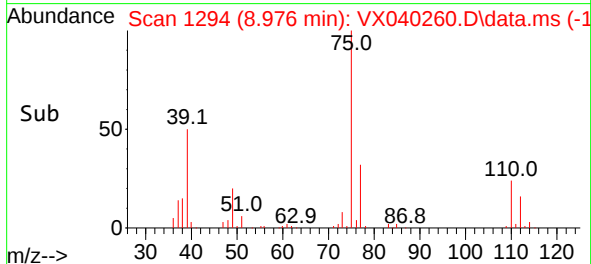
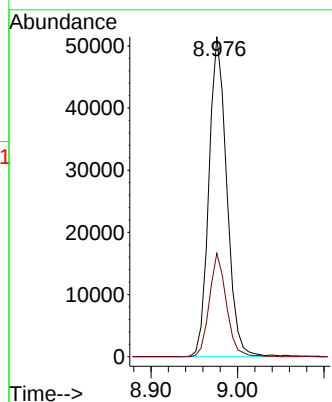
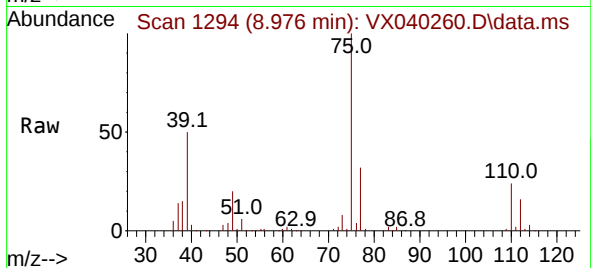
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#54

cis-1,3-Dichloropropene

Concen: 52.597 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

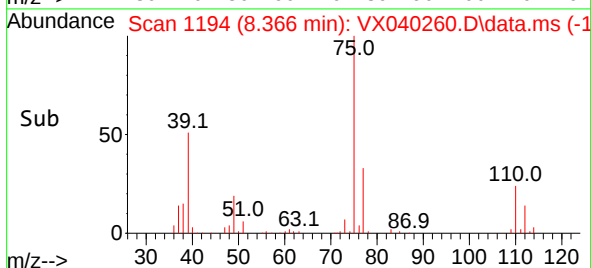
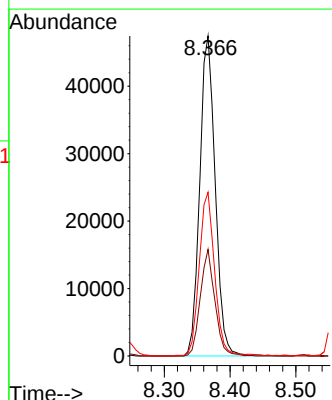
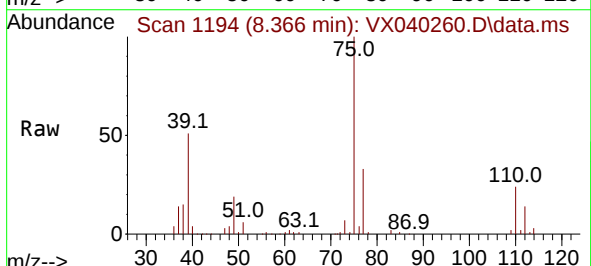
Tgt Ion: 75 Resp: 77675

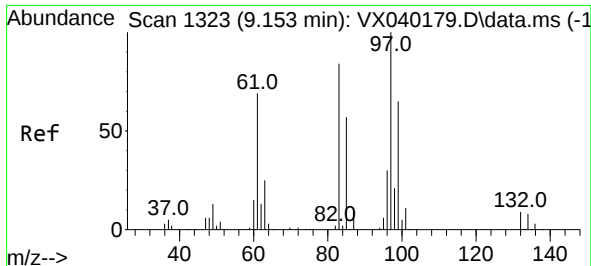
Ion Ratio Lower Upper

75 100

77 33.3 25.3 37.9

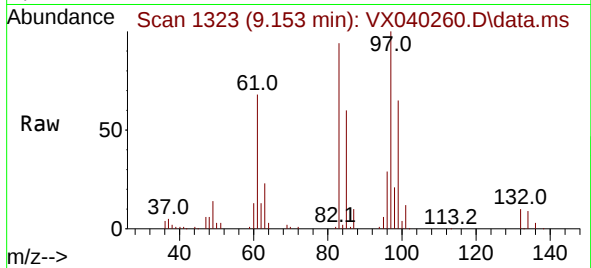
39 51.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.025 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

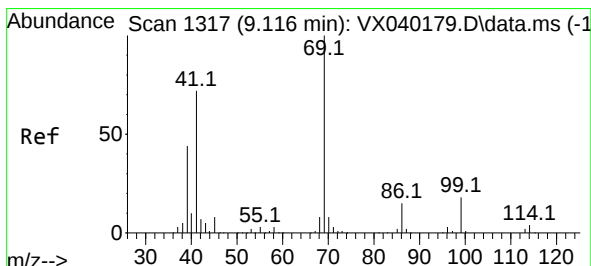
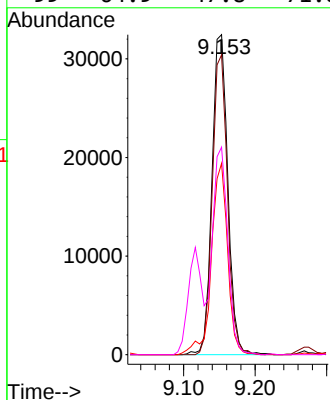
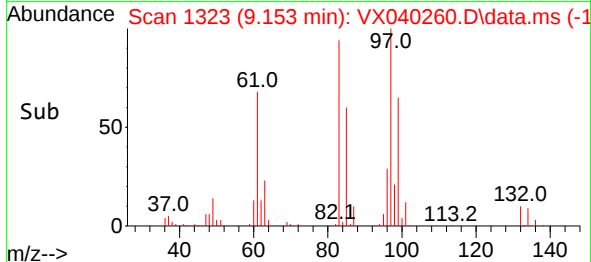


Tgt Ion: 97 Resp: 4985

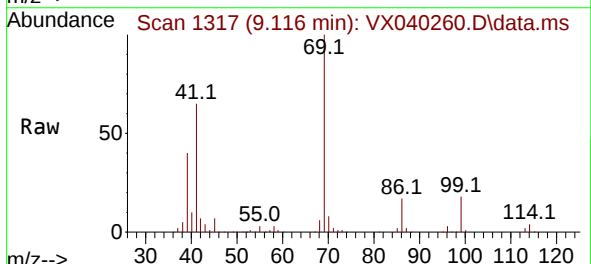
Ion	Ratio	Lower	Upper
97	100		
83	93.7	65.8	98.8
85	59.7	41.6	62.4
99	64.9	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

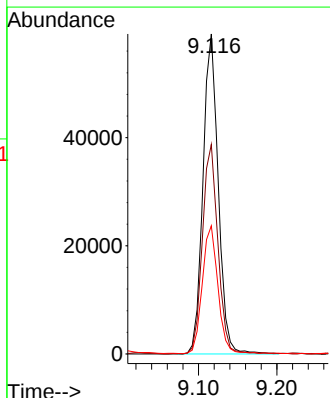
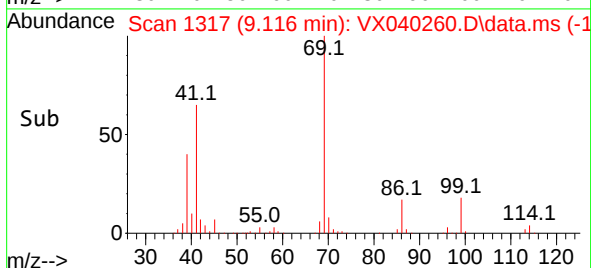


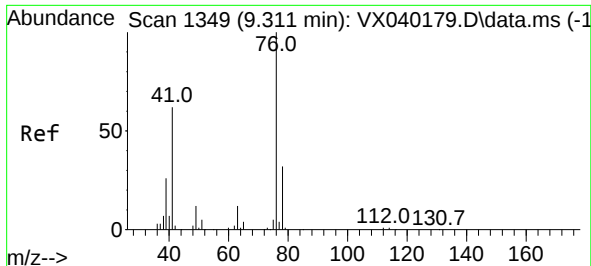
#56
Ethyl methacrylate
Concen: 53.643 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



Tgt Ion: 69 Resp: 80038

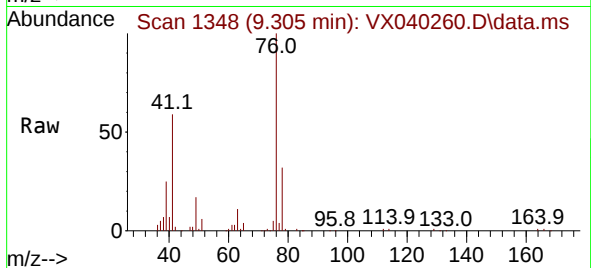
Ion	Ratio	Lower	Upper
69	100		
41	66.6	56.8	85.2
39	41.0	32.0	48.0





#57
1,3-Dichloropropane
Concen: 51.690 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

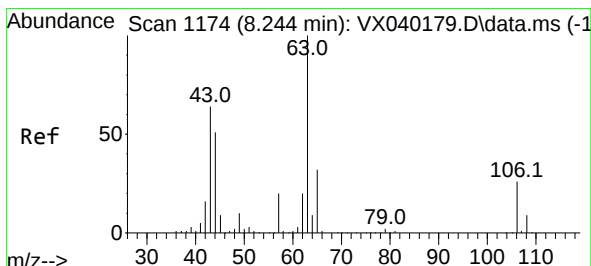
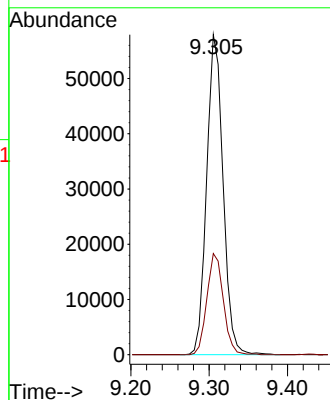
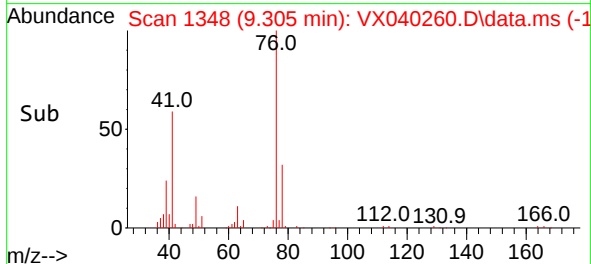
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



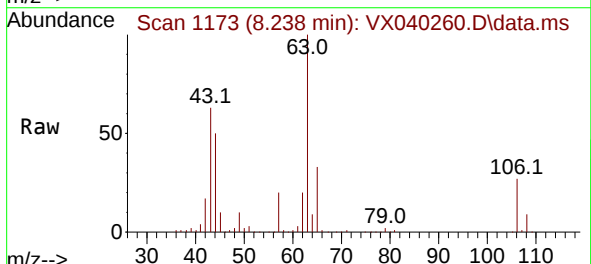
Tgt Ion: 76 Resp: 8408
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

Manual Integrations
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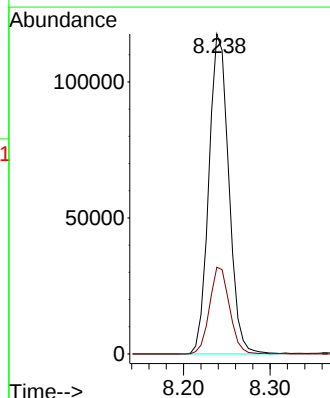
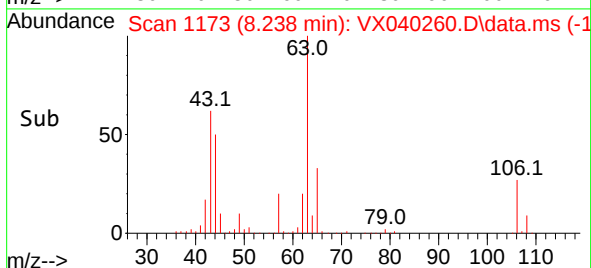
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

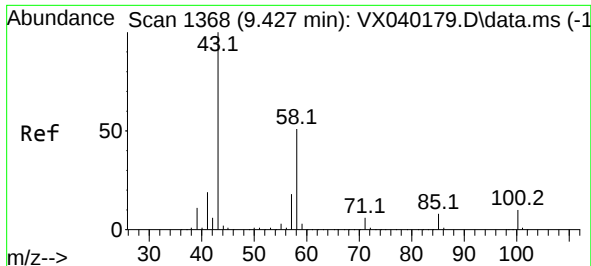


#58
2-Chloroethyl Vinyl ether
Concen: 266.095 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



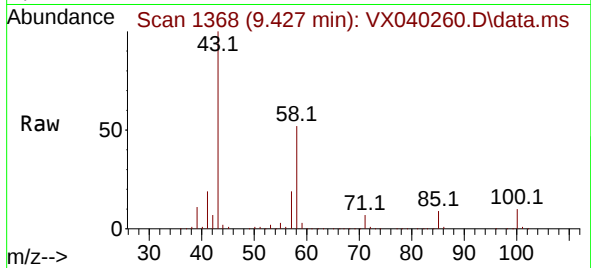
Tgt Ion: 63 Resp: 187818
Ion Ratio Lower Upper
63 100
106 27.3 22.5 33.7





#59
2-Hexanone
Concen: 256.154 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

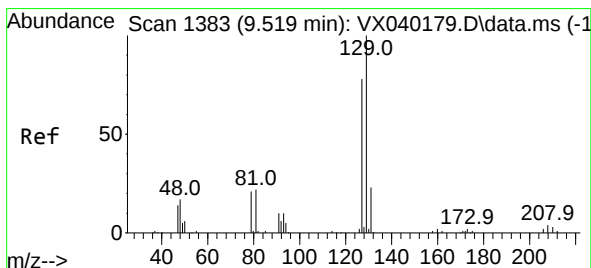
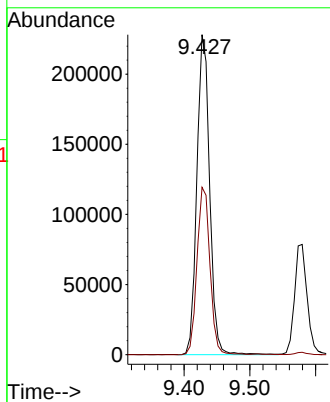
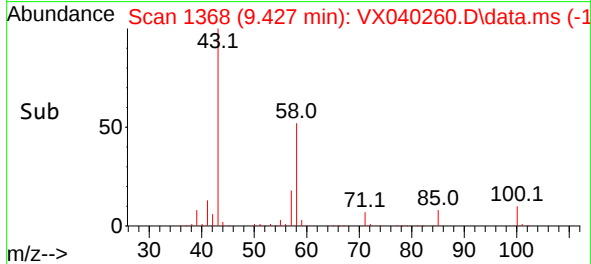
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 307258
Ion Ratio Lower Upper
43 100
58 53.2 26.2 78.5

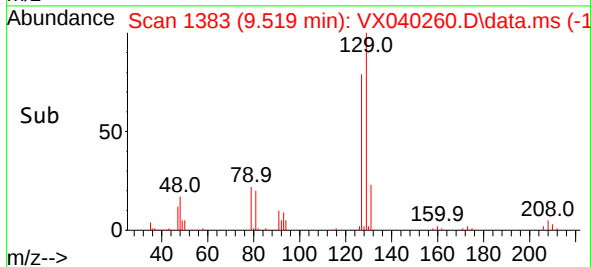
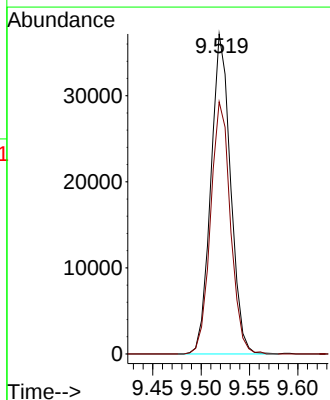
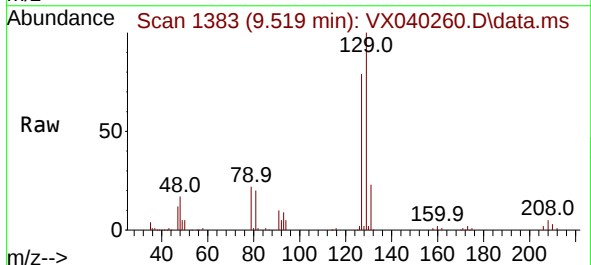
Manual Integrations
APPROVED

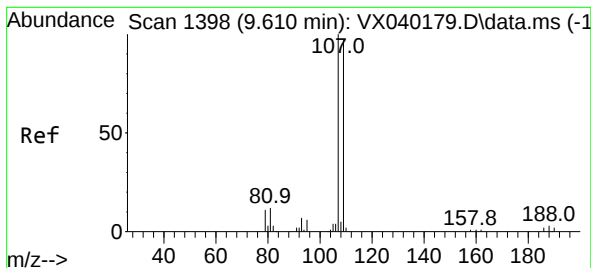
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#60
Dibromochloromethane
Concen: 51.803 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

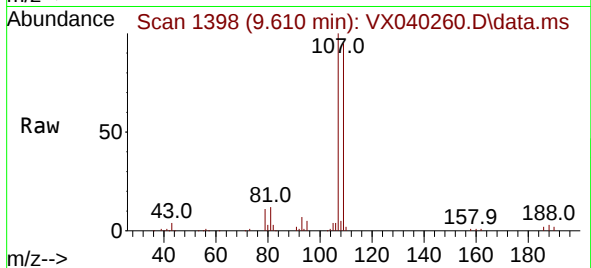
Tgt Ion:129 Resp: 52602
Ion Ratio Lower Upper
129 100
127 79.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.461 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

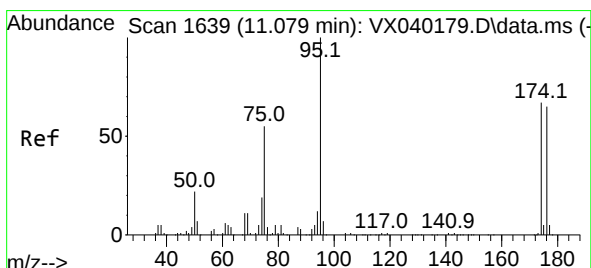
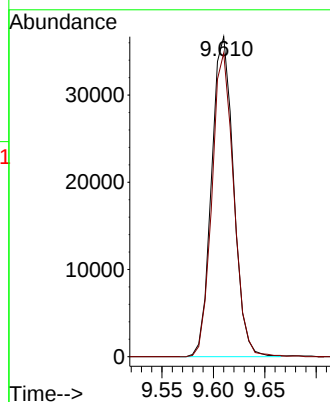
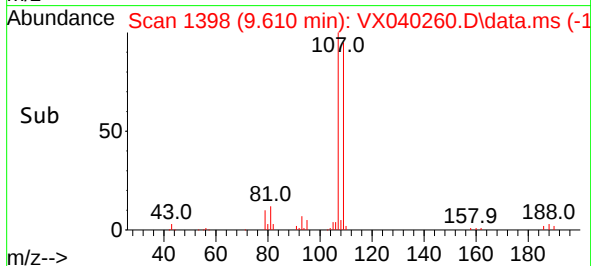
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



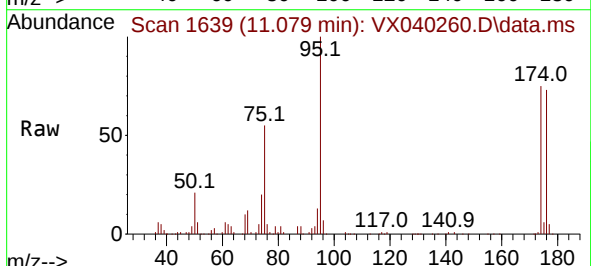
Tgt Ion:107 Resp: 54518
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

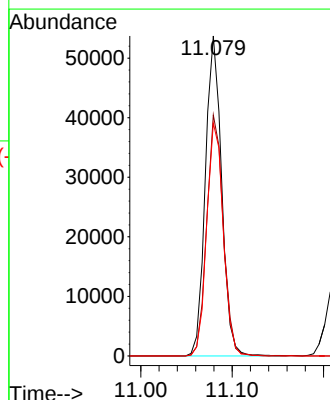
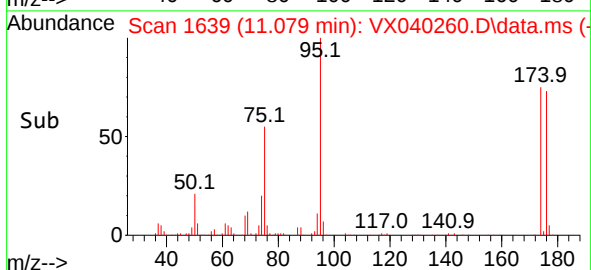
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

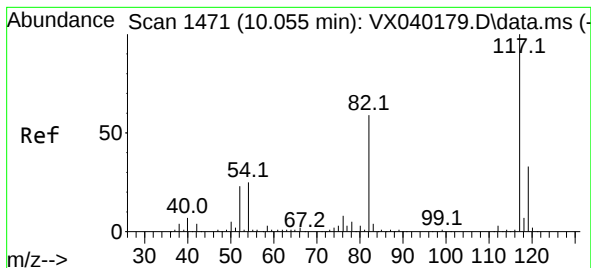


#62
4-Bromofluorobenzene
Concen: 47.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



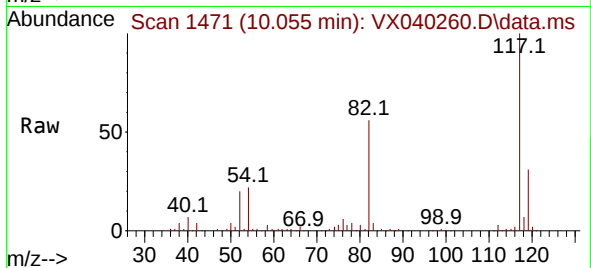
Tgt Ion: 95 Resp: 66146
Ion Ratio Lower Upper
95 100
174 76.4 0.0 135.6
176 74.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

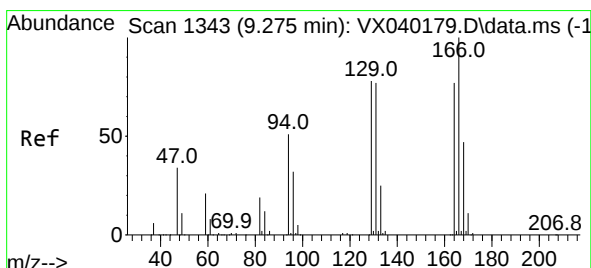
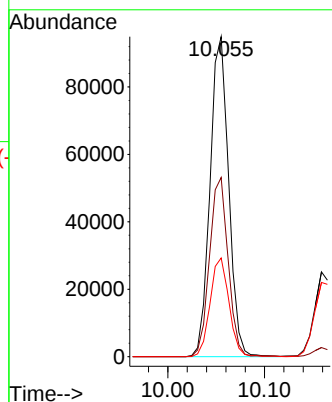
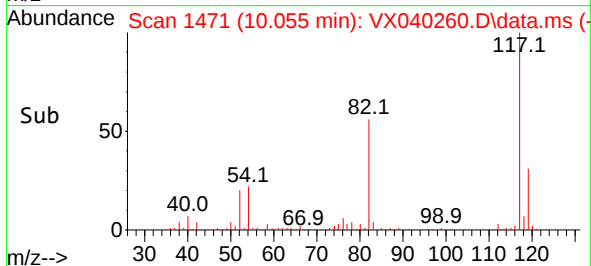
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 126870
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 30.8 25.5 38.3

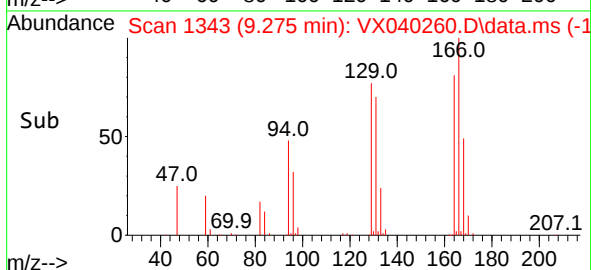
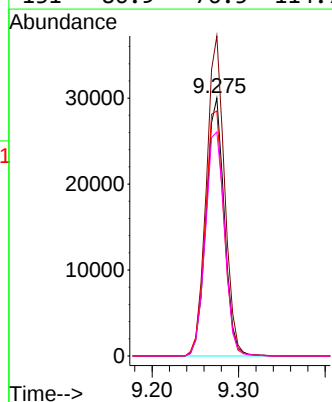
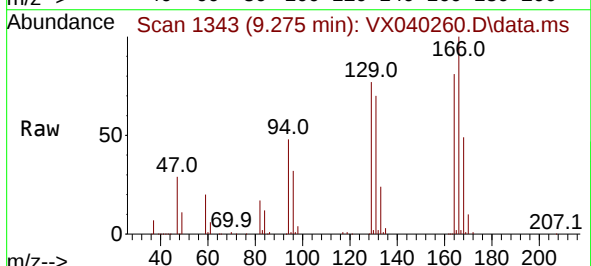
Manual Integrations
APPROVED

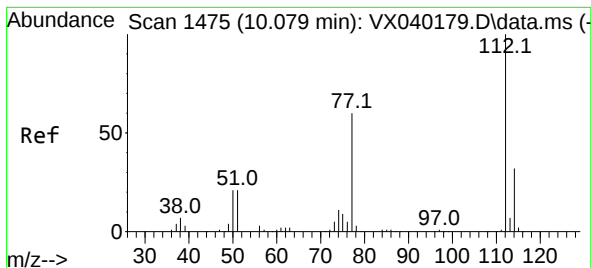
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#64
Tetrachloroethene
Concen: 48.970 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:164 Resp: 43537
Ion Ratio Lower Upper
164 100
166 124.1 102.7 154.1
129 95.0 80.4 120.6
131 86.9 76.5 114.7





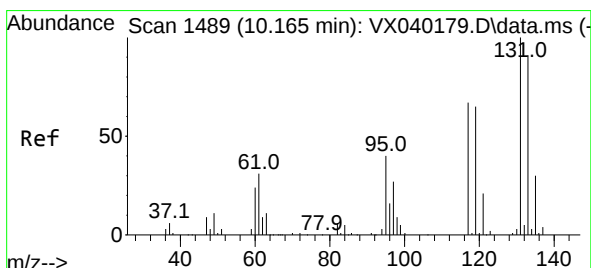
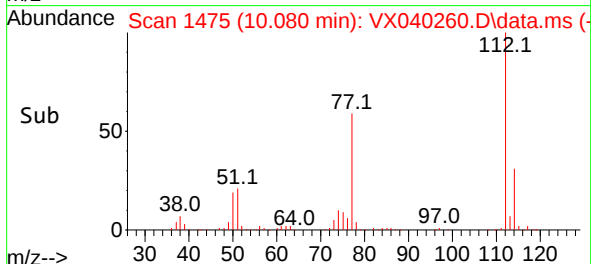
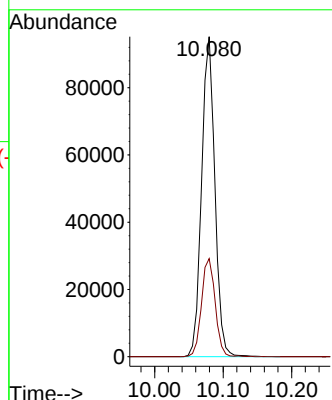
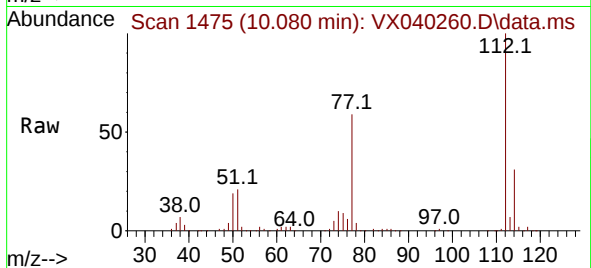
#65
Chlorobenzene
Concen: 48.490 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 128392
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5

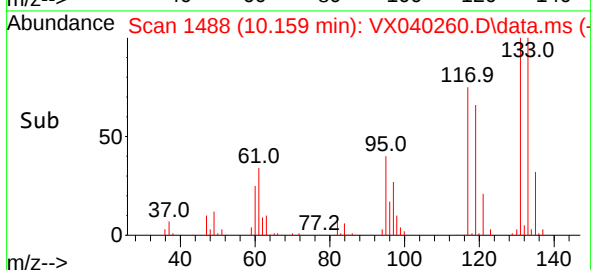
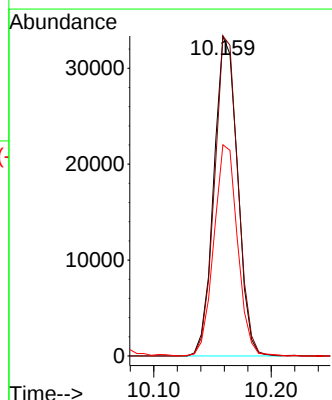
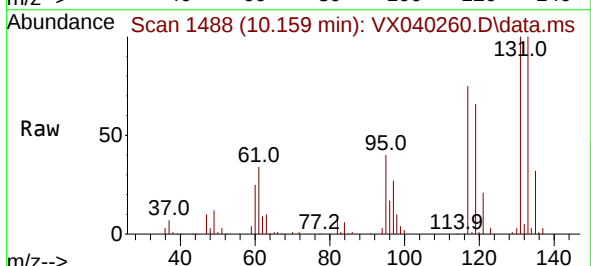
Manual Integrations
APPROVED

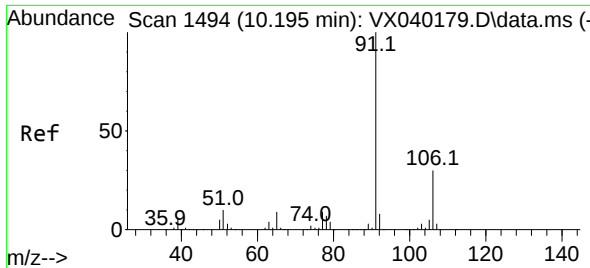
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.882 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

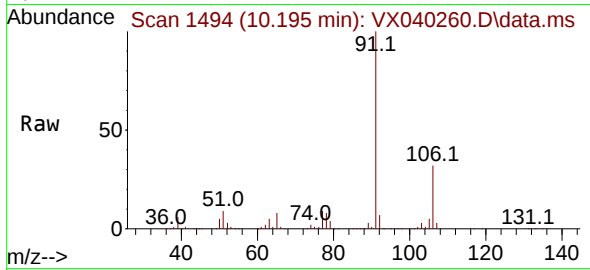
Tgt Ion:131 Resp: 46661
Ion Ratio Lower Upper
131 100
133 99.1 47.1 141.4
119 66.2 32.2 96.6





#67
Ethyl Benzene
Concen: 50.169 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

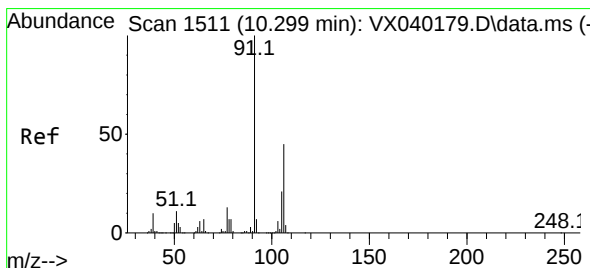
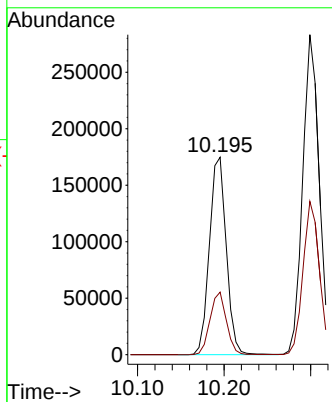
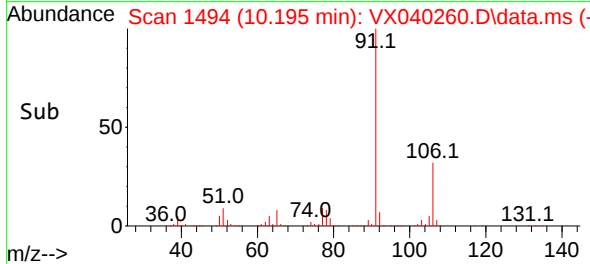
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 236589
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

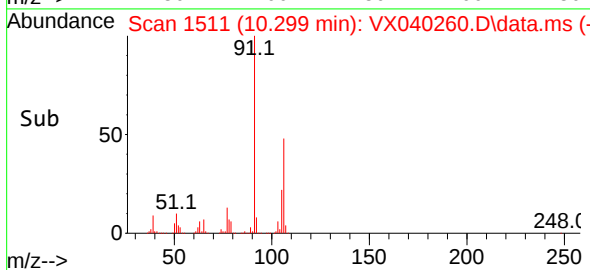
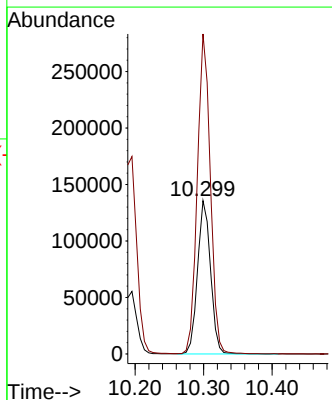
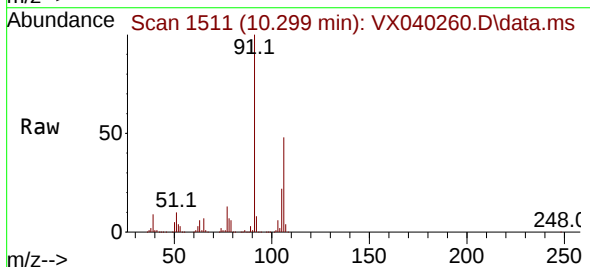
Manual Integrations
APPROVED

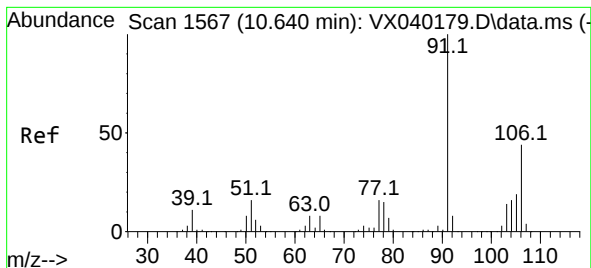
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#68
m/p-Xylenes
Concen: 100.864 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:106 Resp: 179641
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3





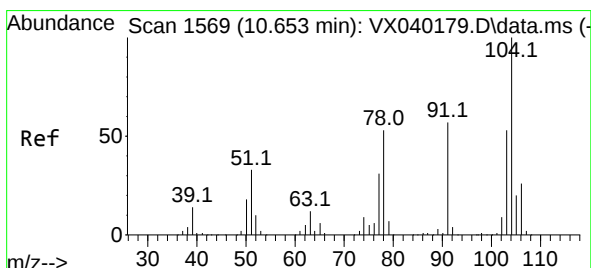
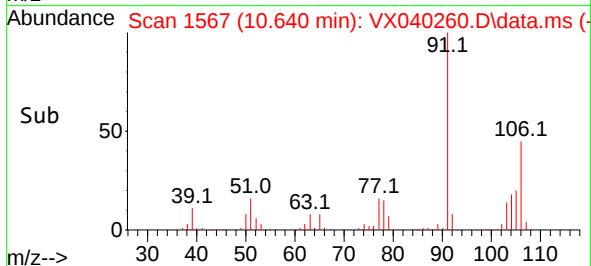
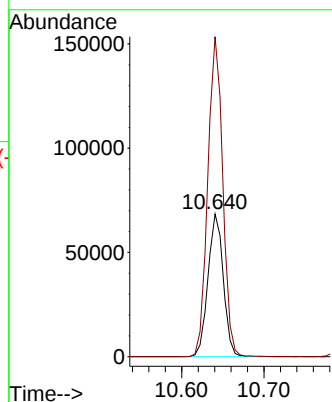
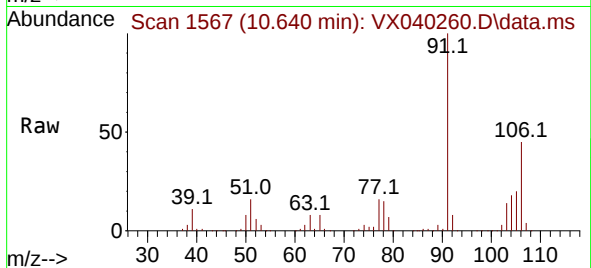
#69
o-Xylene
Concen: 51.111 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 88460
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8

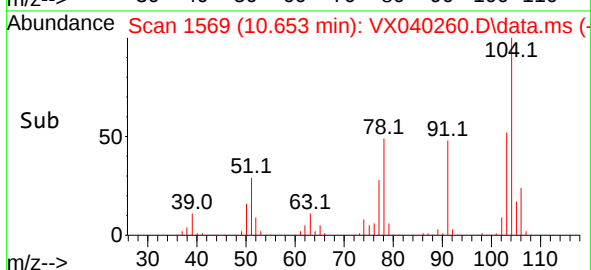
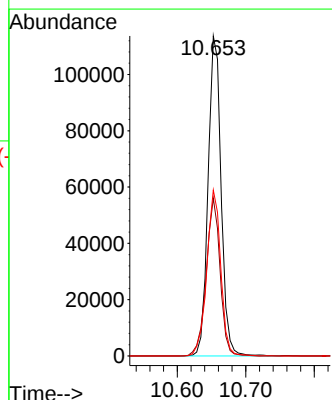
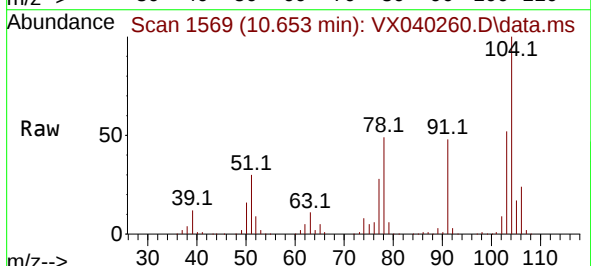
Manual Integrations
APPROVED

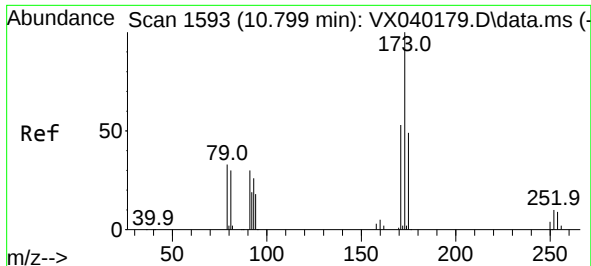
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#70
Styrene
Concen: 52.296 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

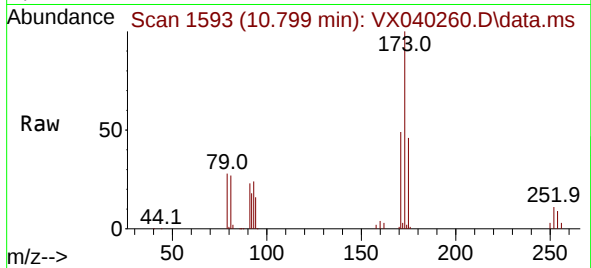
Tgt Ion:104 Resp: 150481
Ion Ratio Lower Upper
104 100
78 52.5 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 47.121 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

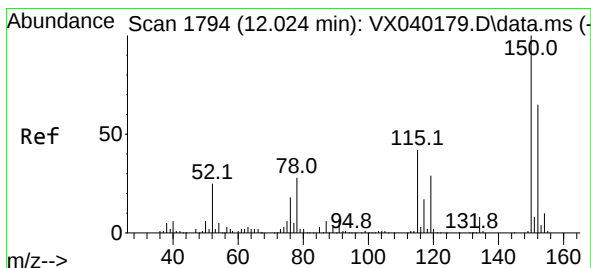
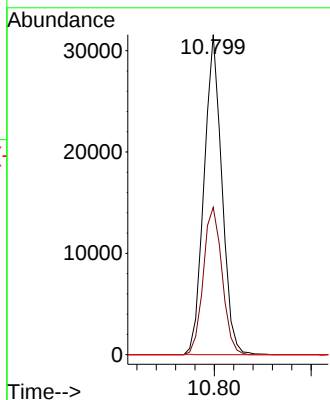
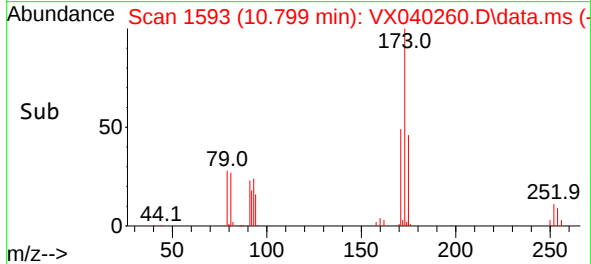
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 40495
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

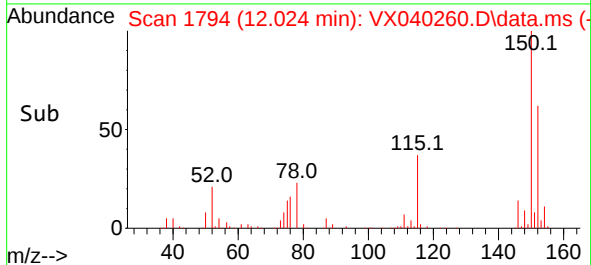
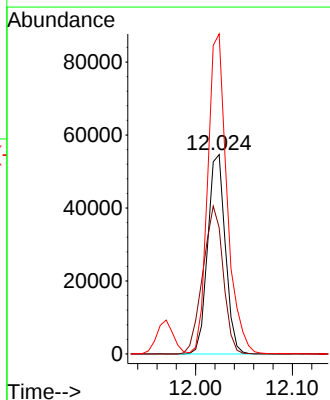
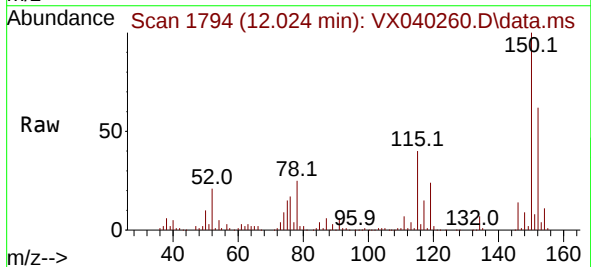
Manual Integrations
APPROVED

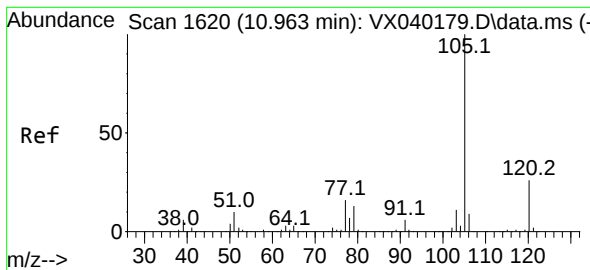
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:152 Resp: 69112
Ion Ratio Lower Upper
152 100
115 85.6 43.3 129.9
150 175.1 0.0 345.0





#73
Isopropylbenzene
Concen: 49.822 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

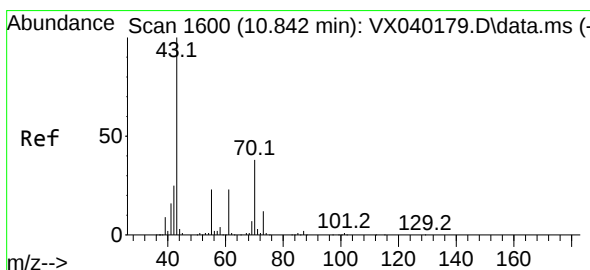
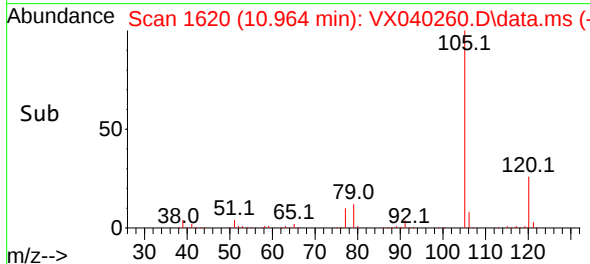
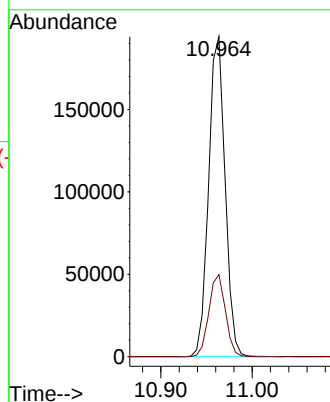
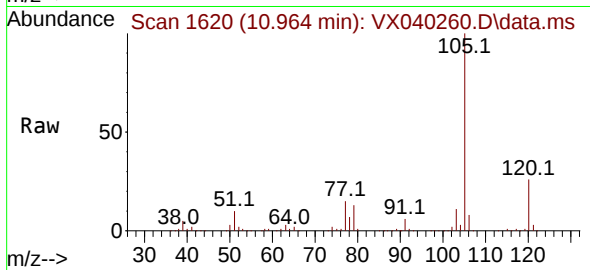
Tgt Ion:105 Resp: 24252
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

APPROVED

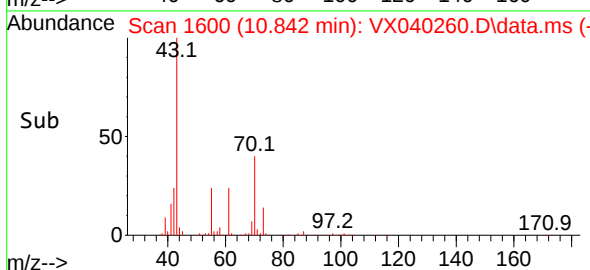
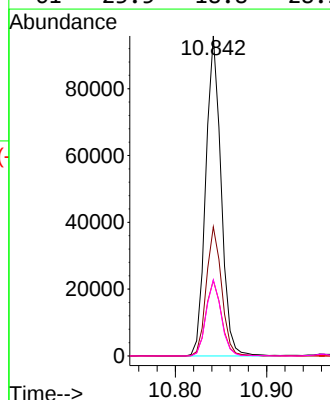
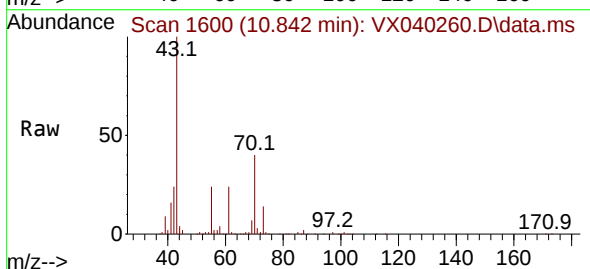
Reviewed By :John Carlone 02/16/2024

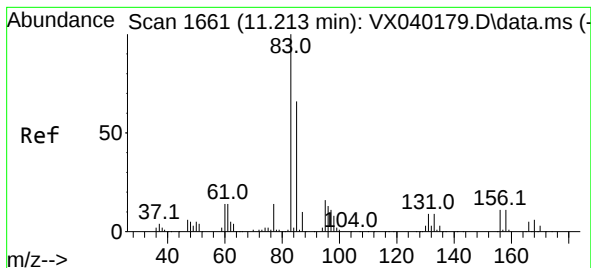
Supervised By :Mahesh Dadoda 02/16/2024



#74
N-ethyl acetate
Concen: 53.271 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion: 43 Resp: 111152
Ion Ratio Lower Upper
43 100
70 40.2 32.9 49.3
55 24.1 19.3 28.9
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.225 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

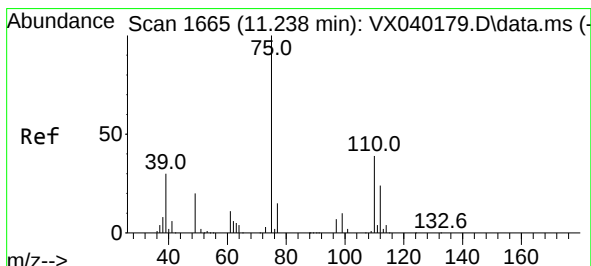
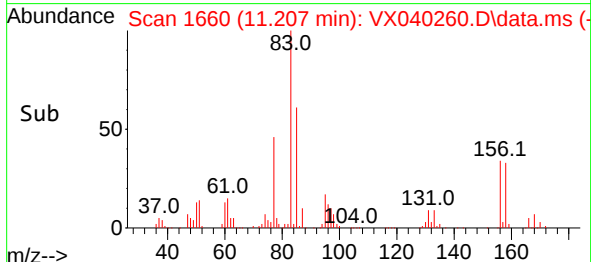
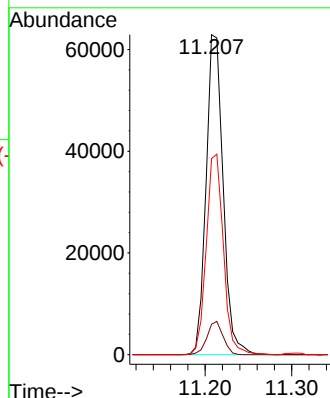
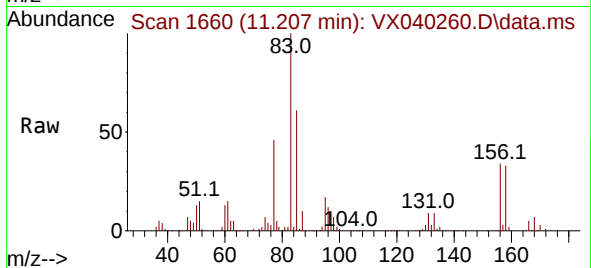
Tgt Ion: 83 Resp: 8608
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 15.8
 85 63.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#76

1,2,3-Trichloropropane

Concen: 51.302 ug/l m

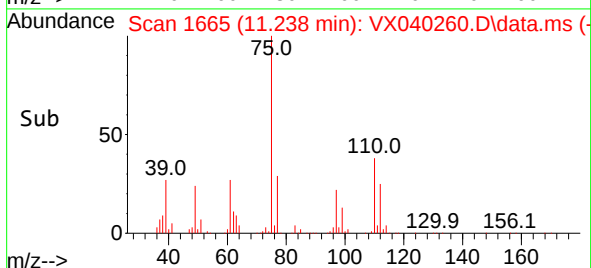
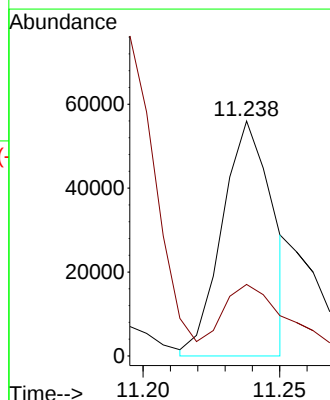
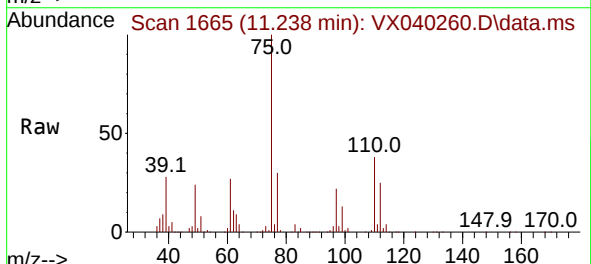
RT: 11.238 min Scan# 1665

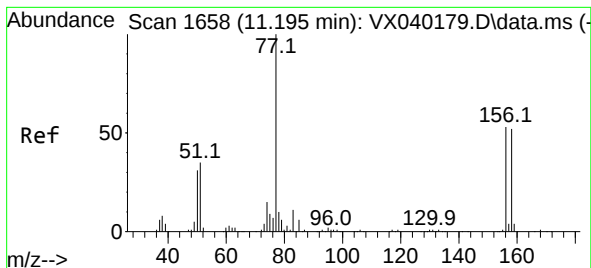
Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Tgt Ion: 75 Resp: 71800
 Ion Ratio Lower Upper
 75 100
 77 40.7 19.1 57.5





#77

Bromobenzene

Concen: 50.707 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

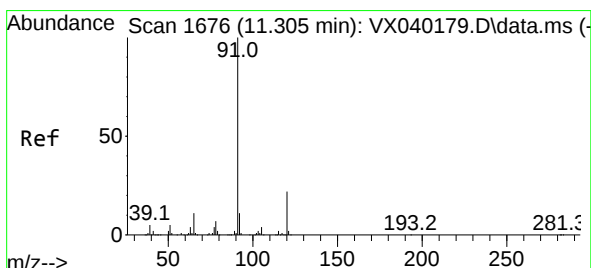
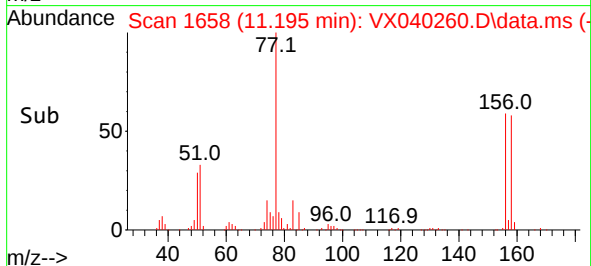
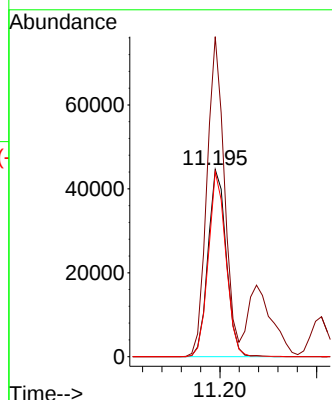
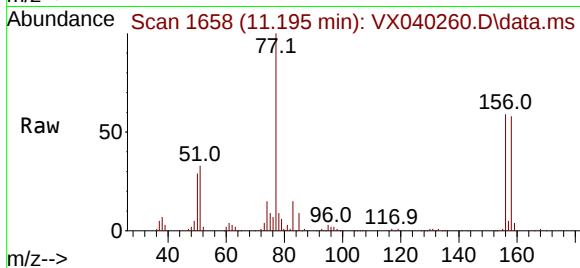
Tgt Ion:	156	Resp:	58298
Ion Ratio	Lower	Upper	
156	100		
77	164.3	88.4	265.3
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#78

n-propylbenzene

Concen: 49.917 ug/l

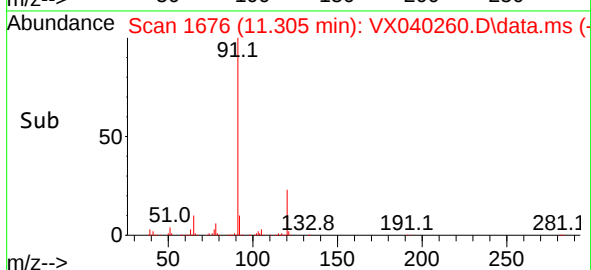
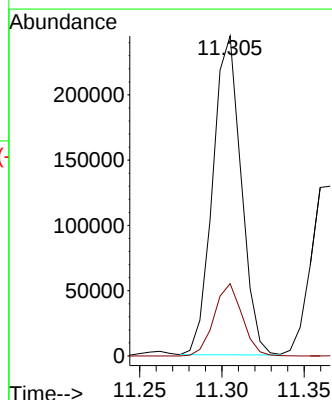
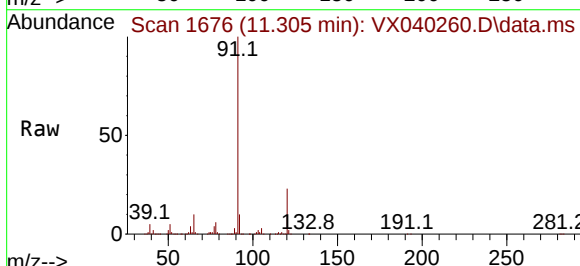
RT: 11.305 min Scan# 1676

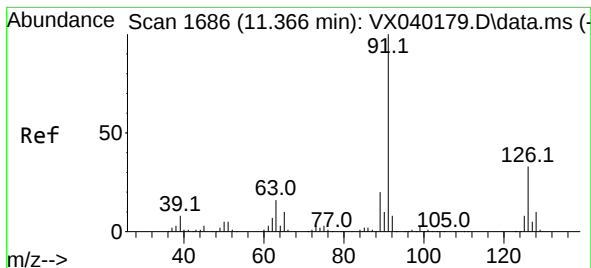
Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Tgt Ion:	91	Resp:	294179
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





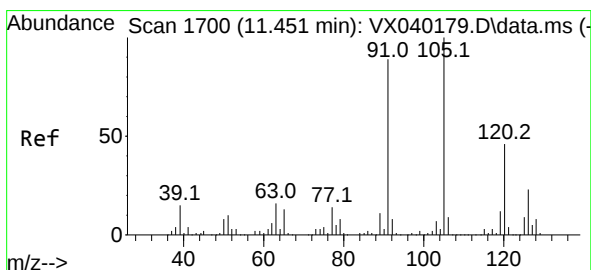
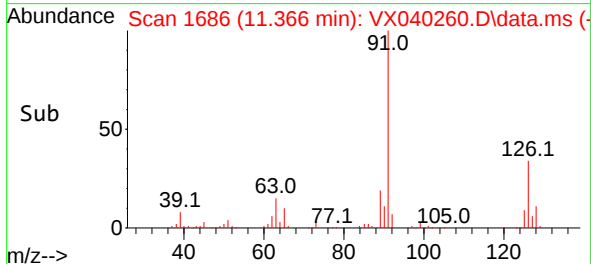
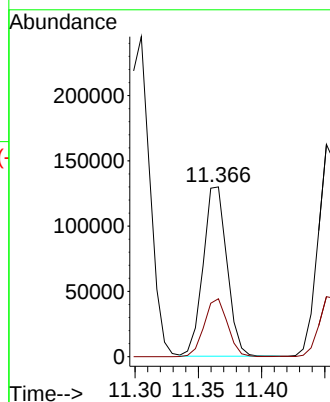
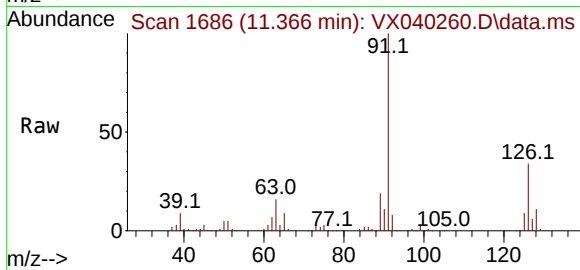
#79
2-Chlorotoluene
Concen: 47.797 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 170090
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

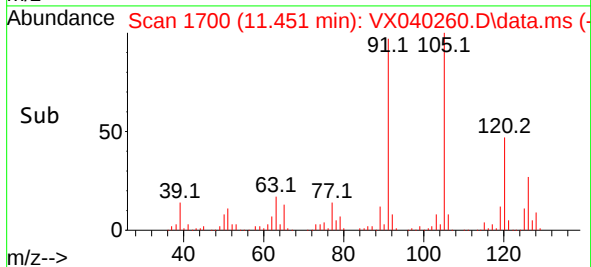
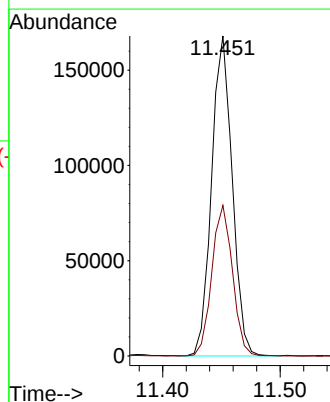
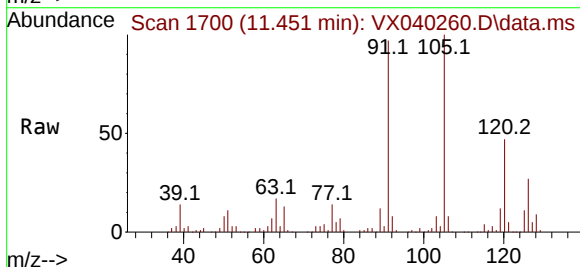
Manual Integrations
APPROVED

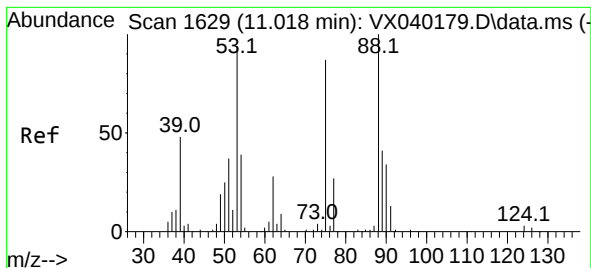
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.007 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Tgt Ion:105 Resp: 204933
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





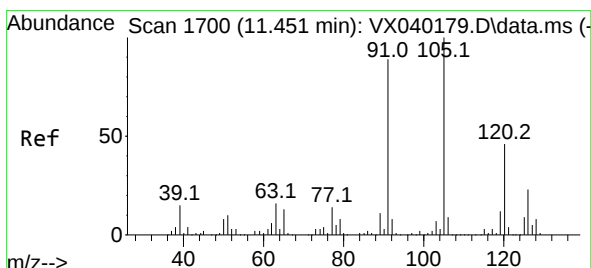
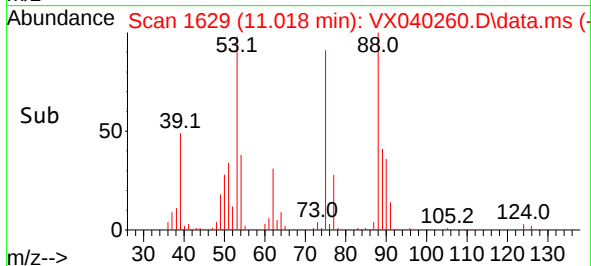
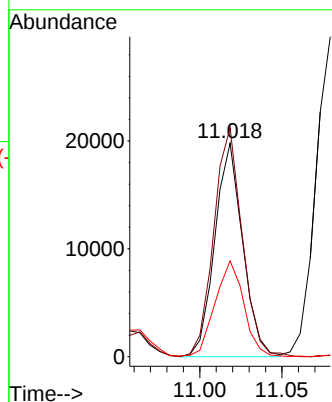
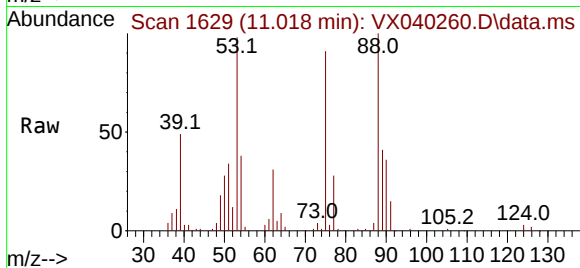
#81
trans-1,4-Dichloro-2-butene
Concen: 47.095 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2336
Ion Ratio Lower Upper
75 100
53 109.2 90.5 135.7
89 46.2 36.9 55.3

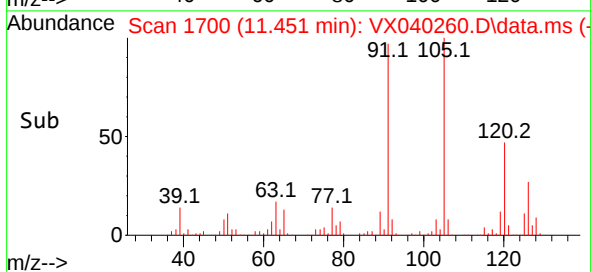
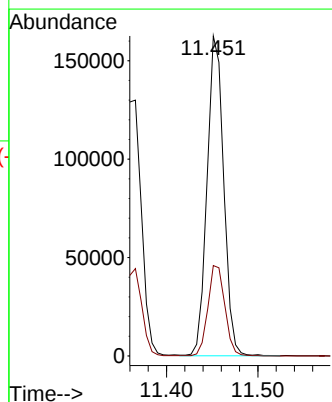
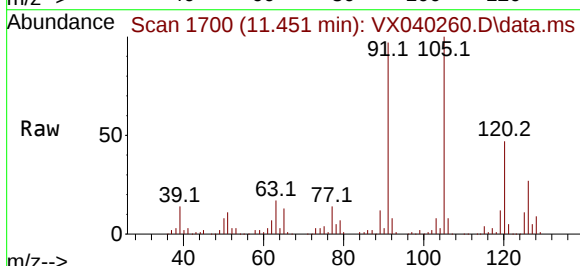
Manual Integrations
APPROVED

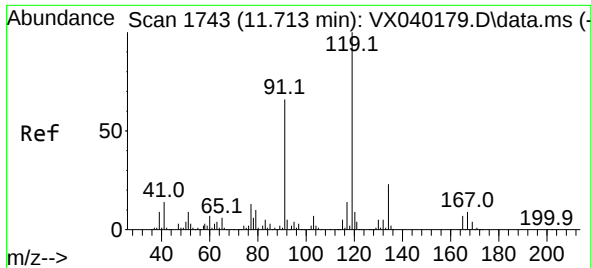
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#82
4-Chlorotoluene
Concen: 48.596 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

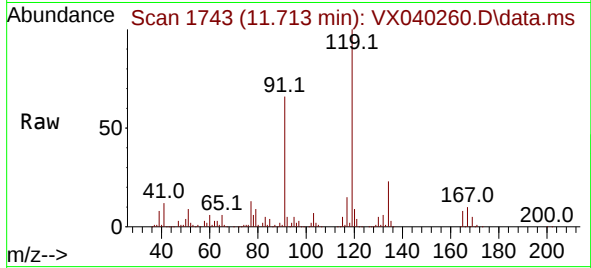
Tgt Ion: 91 Resp: 204906
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.405 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

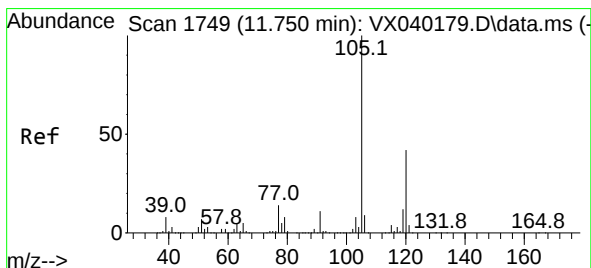
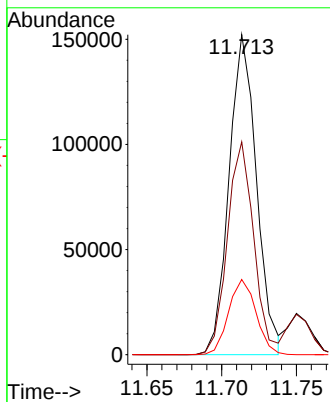
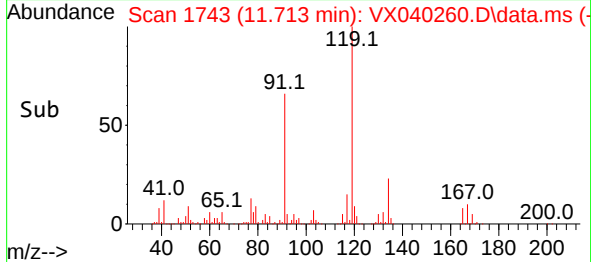
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



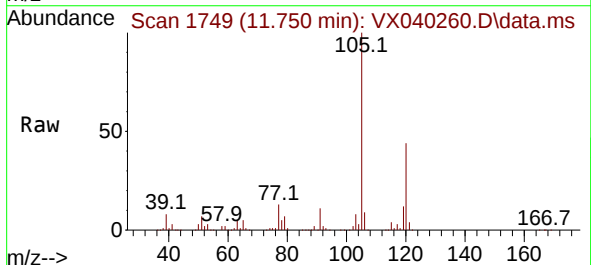
Tgt Ion:119 Resp: 19448
Ion Ratio Lower Upper
119 100
91 64.0 31.2 93.6
134 23.5 11.7 35.0

Manual Integrations
APPROVED

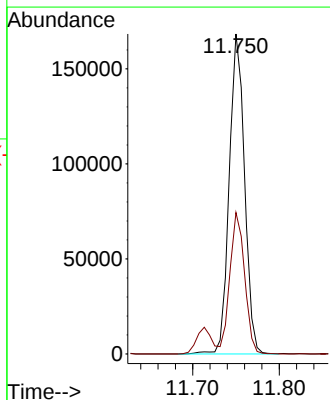
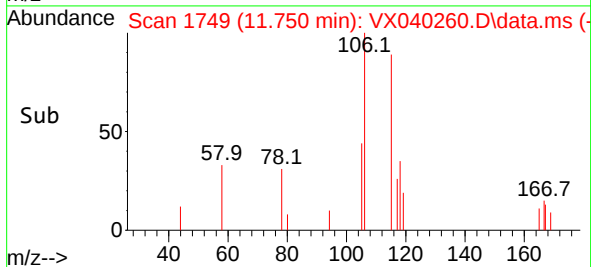
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

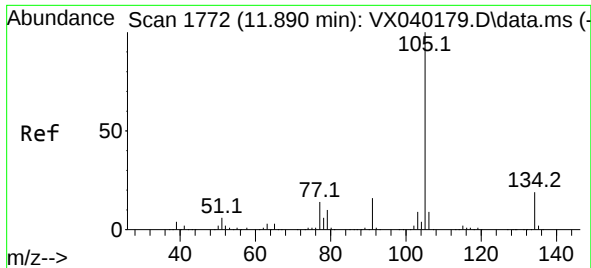


#84
1,2,4-Trimethylbenzene
Concen: 49.870 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



Tgt Ion:105 Resp: 206765
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





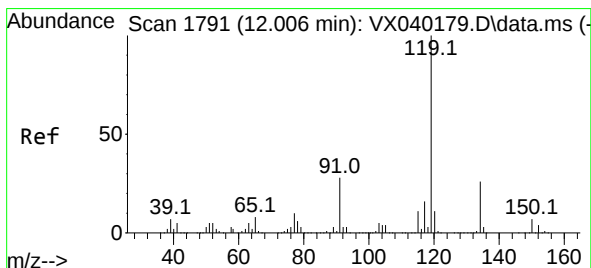
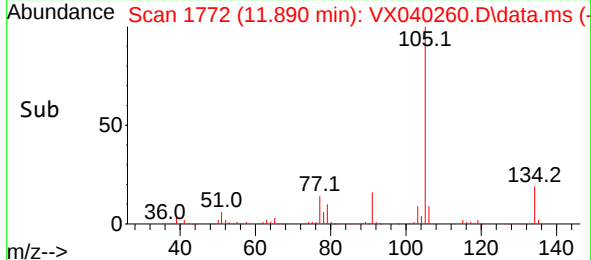
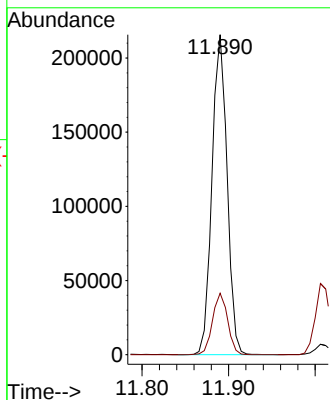
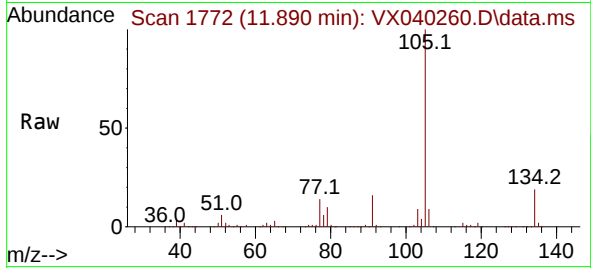
#85
 sec-Butylbenzene
 Concen: 50.557 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040260.D
 Acq: 15 Feb 2024 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 261050
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

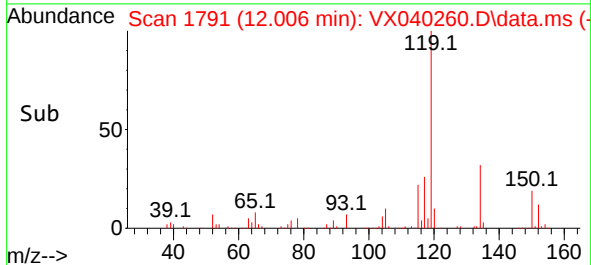
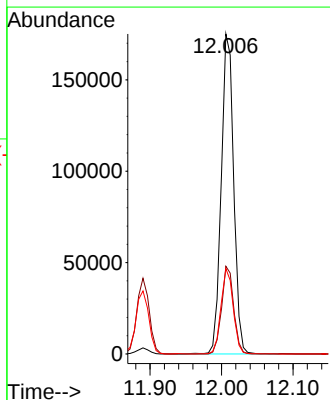
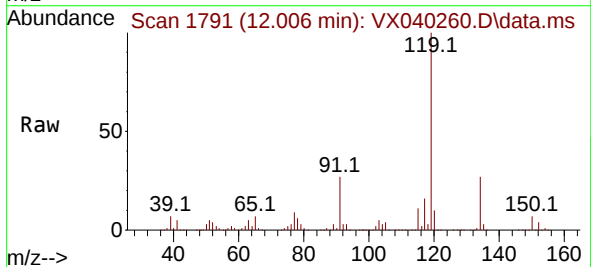
Manual Integrations
 APPROVED

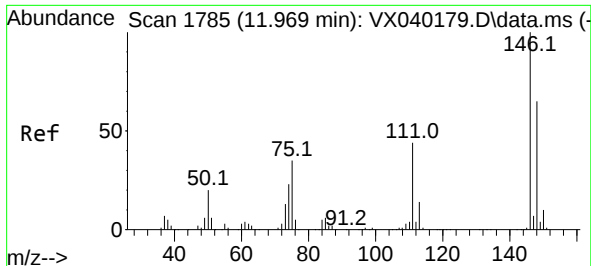
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#86
 p-Isopropyltoluene
 Concen: 50.088 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040260.D
 Acq: 15 Feb 2024 18:17

Tgt Ion:119 Resp: 212002
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.087 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040260.D

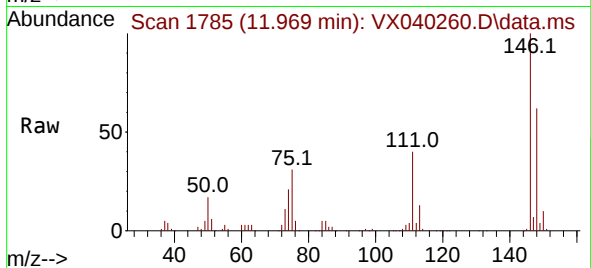
Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 111820

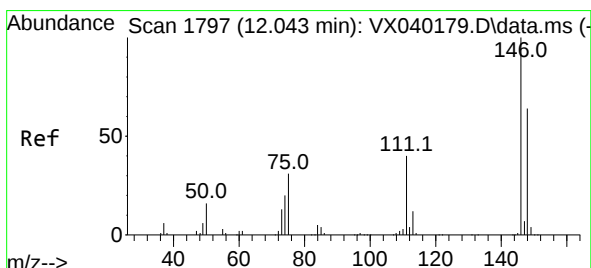
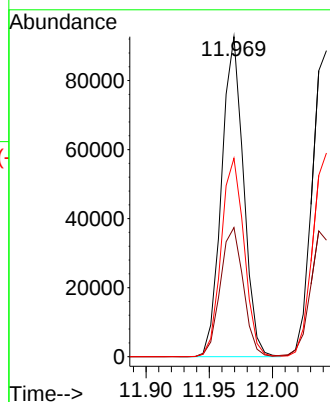
Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.1	66.1
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#88

1,4-Dichlorobenzene

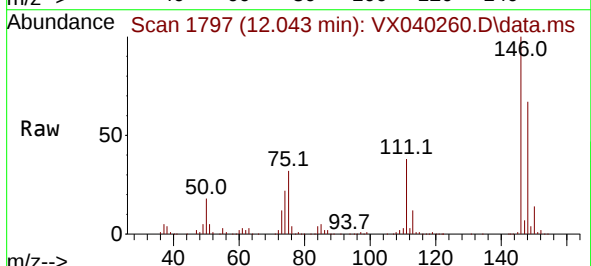
Concen: 46.535 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

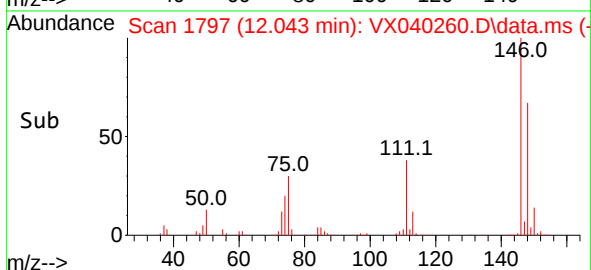
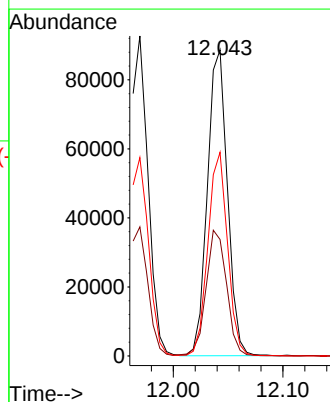
Lab File: VX040260.D

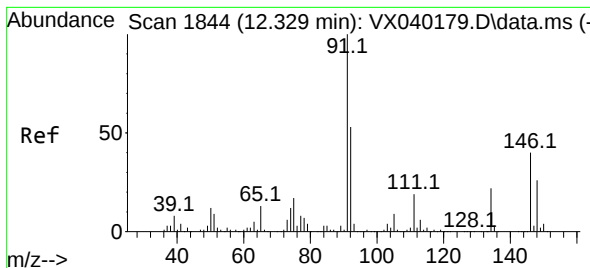
Acq: 15 Feb 2024 18:17



Tgt Ion:146 Resp: 112253

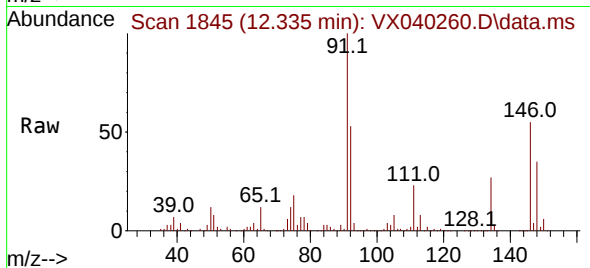
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.7
148	65.6	31.8	95.4





#89
n-Butylbenzene
Concen: 49.688 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

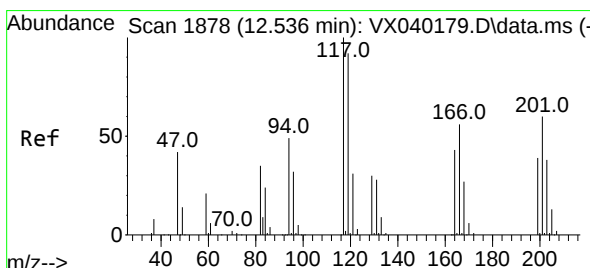
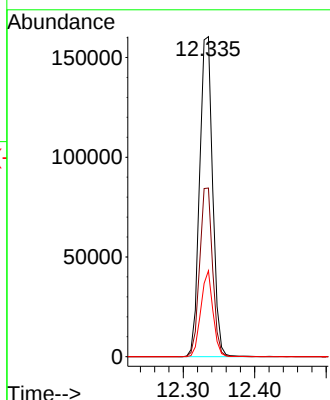
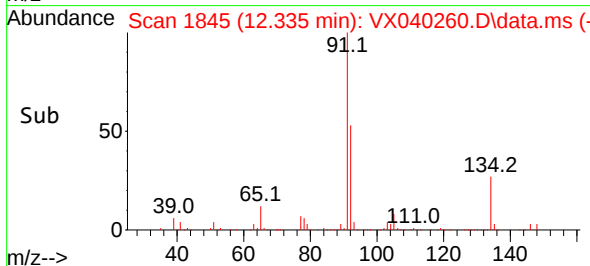
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 203010
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 24.9 12.6 37.8

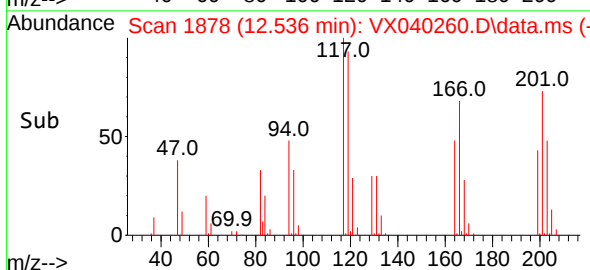
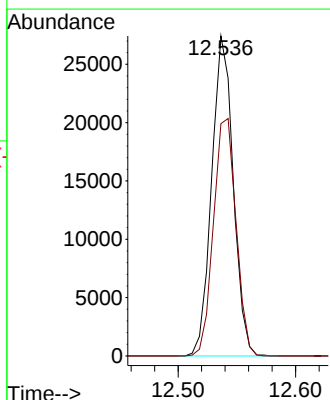
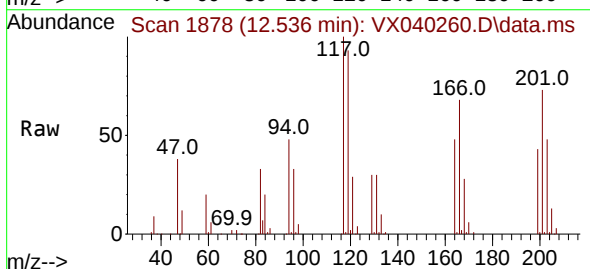
Manual Integrations
APPROVED

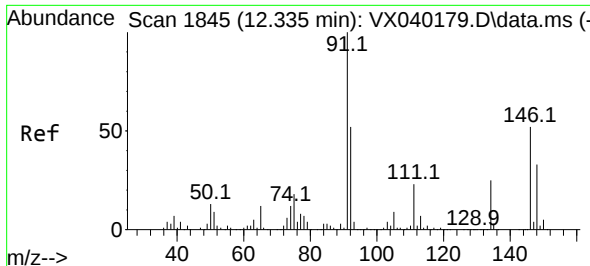
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#90
Hexachloroethane
Concen: 52.373 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

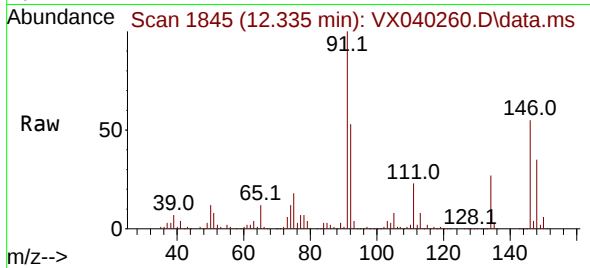
Tgt Ion:117 Resp: 34966
Ion Ratio Lower Upper
117 100
201 77.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.586 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

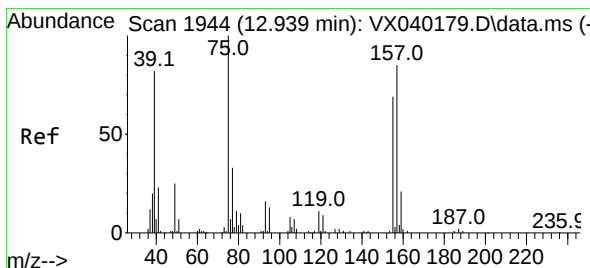
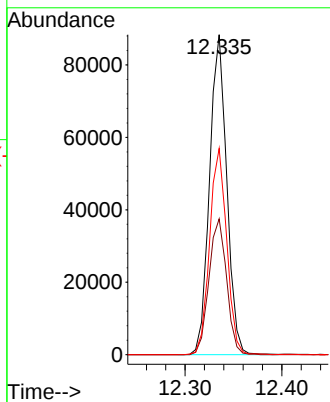
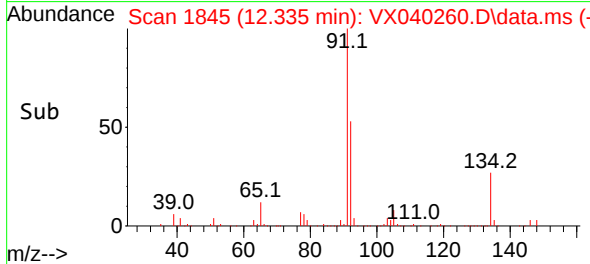
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



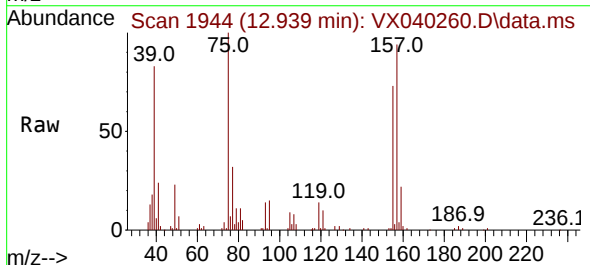
Tgt Ion:146 Resp: 109349
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
APPROVED

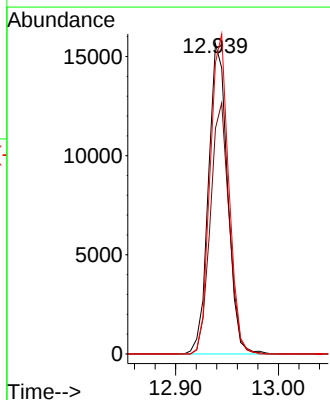
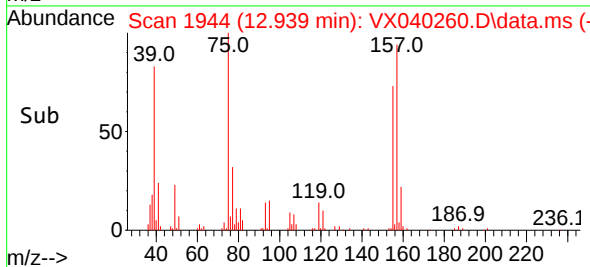
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

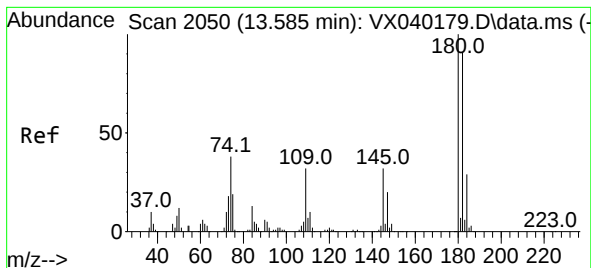


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.993 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



Tgt Ion: 75 Resp: 20179
Ion Ratio Lower Upper
75 100
155 79.5 36.1 108.5
157 100.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.897 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

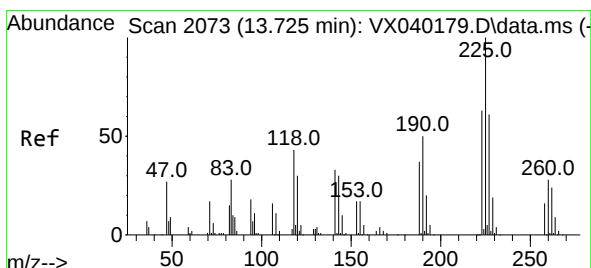
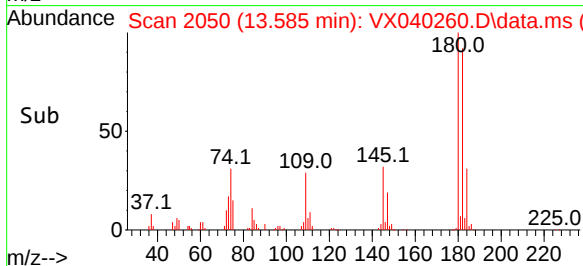
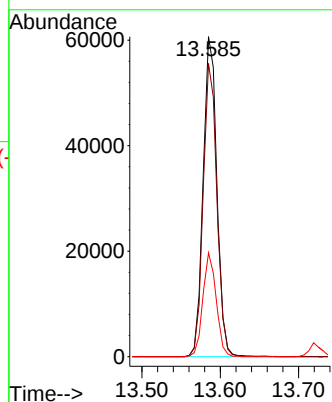
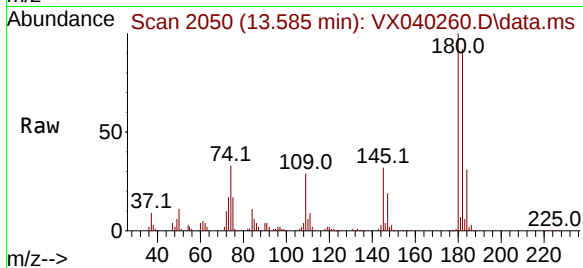
Tgt Ion:180	Resp:	7382
Ion Ratio	Lower	Upper
180	100	
182	91.3	48.3 144.8
145	31.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#94

Hexachlorobutadiene

Concen: 47.161 ug/l

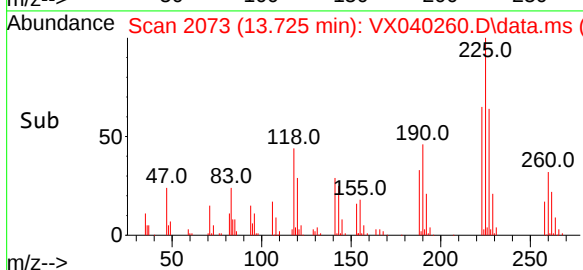
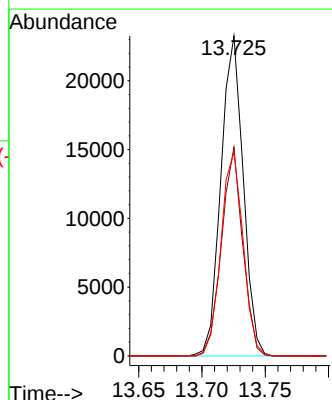
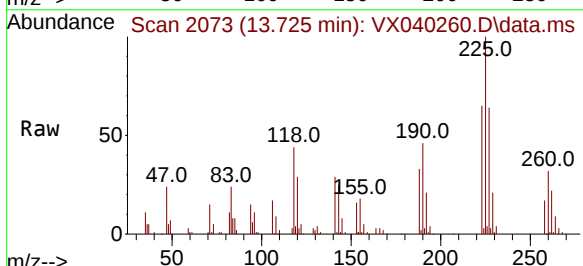
RT: 13.725 min Scan# 2073

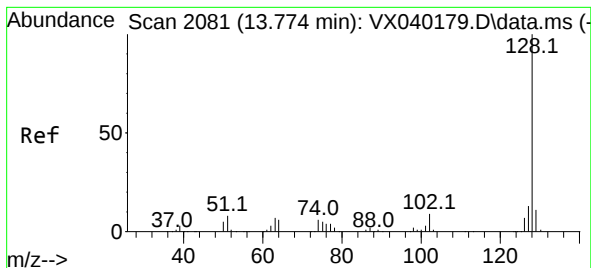
Delta R.T. 0.000 min

Lab File: VX040260.D

Acq: 15 Feb 2024 18:17

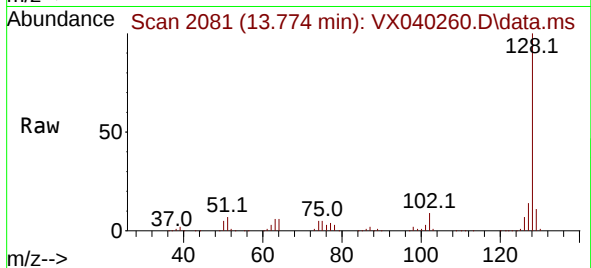
Tgt Ion:225	Resp:	28417
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.1 93.2
227	63.5	32.5 97.5





#95
Naphthalene
Concen: 49.898 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17

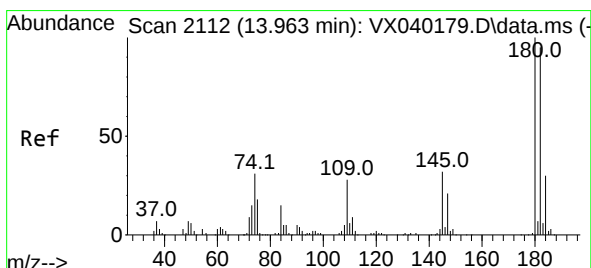
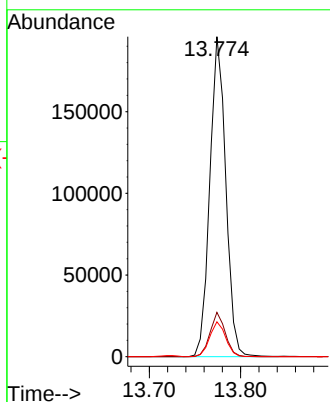
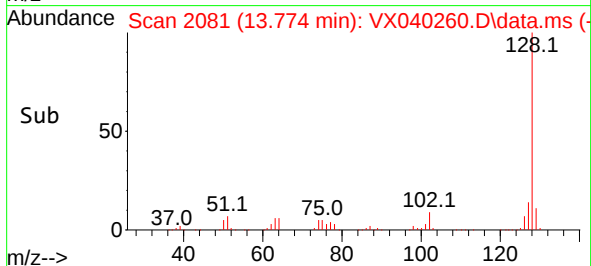
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



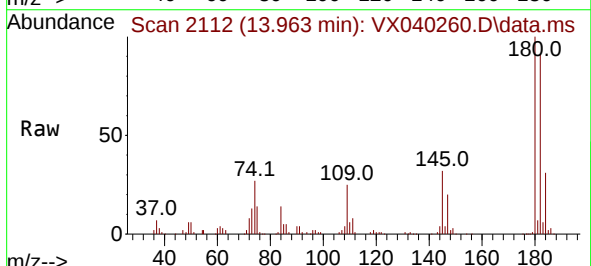
Tgt Ion:128 Resp: 237934
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.439 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040260.D
Acq: 15 Feb 2024 18:17



Tgt Ion:180 Resp: 72587
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.6
145 33.1 17.8 53.5

