

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037427.D
 Acq On : 31 Aug 2023 13:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/01/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 03:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93218	52.910	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.820%			
35) Dibromofluoromethane	5.385	113	79235	56.613	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.220%			
50) Toluene-d8	8.647	98	269971	53.177	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.360%			
62) 4-Bromofluorobenzene	11.079	95	117641	58.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	71842	50.608	ug/l	99
3) Chloromethane	1.301	50	70717	56.941	ug/l	99
4) Vinyl Chloride	1.374	62	70614	52.236	ug/l	99
5) Bromomethane	1.599	94	36873	54.759	ug/l	97
6) Chloroethane	1.679	64	46691	58.694	ug/l	97
7) Trichlorofluoromethane	1.886	101	111484	50.345	ug/l	99
8) Diethyl Ether	2.130	74	49048	57.251	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	67009	51.871	ug/l	97
10) Methyl Iodide	2.447	142	76243	48.560	ug/l	94
11) Tert butyl alcohol	2.959	59	104641	253.193	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	63172	50.216	ug/l	83
13) Acrolein	2.233	56	83463	265.464	ug/l	99
14) Allyl chloride	2.660	41	100835	51.786	ug/l #	90
15) Acrylonitrile	3.063	53	214205	290.384	ug/l	99
16) Acetone	2.380	43	193407	280.607	ug/l #	88
17) Carbon Disulfide	2.508	76	144151	45.049	ug/l	98
18) Methyl Acetate	2.703	43	143145	55.159	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	266452	55.847	ug/l	96
20) Methylene Chloride	2.788	84	84690	54.945	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	73105	51.120	ug/l	88
22) Diisopropyl ether	3.758	45	218822	54.765	ug/l #	87
23) Vinyl Acetate	3.721	43	848431	277.092	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	132839	53.016	ug/l	96
25) 2-Butanone	4.550	43	287103	276.646	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	108821	48.631	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	90842	53.884	ug/l	88
28) Bromochloromethane	4.898	49	61298	54.764	ug/l #	73
29) Tetrahydrofuran	5.001	42	180389	272.559	ug/l #	83
30) Chloroform	5.093	83	149872	53.284	ug/l	98
31) Cyclohexane	5.471	56	100110	50.534	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	124803	49.514	ug/l	96
36) 1,1-Dichloropropene	5.690	75	97537	49.052	ug/l	97
37) Ethyl Acetate	4.709	43	109728	54.022	ug/l #	93
38) Carbon Tetrachloride	5.672	117	106681	49.390	ug/l	94
39) Methylcyclohexane	7.379	83	121284	58.055	ug/l	90
40) Benzene	6.038	78	309014	54.186	ug/l	97

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Quant Time: Sep 01 03:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59015	55.890	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	118946	53.187	ug/l	94
43) Isopropyl Acetate	6.336	43	173970	53.948	ug/l #	90
44) Trichloroethene	7.123	130	83110	51.396	ug/l	95
45) 1,2-Dichloropropane	7.428	63	79537	56.564	ug/l	98
46) Dibromomethane	7.580	93	62555	56.471	ug/l	93
47) Bromodichloromethane	7.818	83	118592	55.894	ug/l	99
48) Methyl methacrylate	7.690	41	86663	55.106	ug/l #	82
49) 1,4-Dioxane	7.659	88	47986	1132.970	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	554094	282.966	ug/l	89
52) Toluene	8.720	92	202743	53.807	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128964	57.086	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	137757	56.427	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	90927	59.263	ug/l	98
56) Ethyl methacrylate	9.116	69	139711	58.134	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	150196	58.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	310551	269.270	ug/l	92
59) 2-Hexanone	9.427	43	430158	288.106	ug/l	86
60) Dibromochloromethane	9.519	129	96504	59.076	ug/l	100
61) 1,2-Dibromoethane	9.610	107	96995	57.740	ug/l	98
64) Tetrachloroethene	9.275	164	66613	44.676	ug/l	97
65) Chlorobenzene	10.080	112	228334	52.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	86456	54.227	ug/l	99
67) Ethyl Benzene	10.195	91	394931	51.956	ug/l	99
68) m/p-Xylenes	10.299	106	310461	105.764	ug/l	97
69) o-Xylene	10.640	106	155111	53.558	ug/l	98
70) Styrene	10.653	104	267159	56.001	ug/l	96
71) Bromoform	10.799	173	69322	58.127	ug/l #	98
73) Isopropylbenzene	10.964	105	396243	47.318	ug/l	98
74) N-amyl acetate	10.842	43	158319	48.656	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	148255	52.570	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	121992m	49.720	ug/l	
77) Bromobenzene	11.195	156	100967	49.369	ug/l	92
78) n-propylbenzene	11.305	91	460242	49.358	ug/l	99
79) 2-Chlorotoluene	11.366	91	286936	48.153	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	347645	49.767	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	43459	49.472	ug/l	87
82) 4-Chlorotoluene	11.451	91	333265	48.450	ug/l	97
83) tert-Butylbenzene	11.713	119	346446	52.004	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	353019	50.004	ug/l	97
85) sec-Butylbenzene	11.890	105	425920	54.735	ug/l	98
86) p-Isopropyltoluene	12.006	119	371739	55.495	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	195269	50.998	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	199121	50.334	ug/l	99
89) n-Butylbenzene	12.329	91	324342	58.401	ug/l	99
90) Hexachloroethane	12.536	117	63153	56.484	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	198309	52.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33853	51.661	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	130525	59.496	ug/l	97
94) Hexachlorobutadiene	13.725	225	53602	63.245	ug/l	98
95) Naphthalene	13.774	128	453003	47.139	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	126735	58.145	ug/l	98

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VSTDCCC050

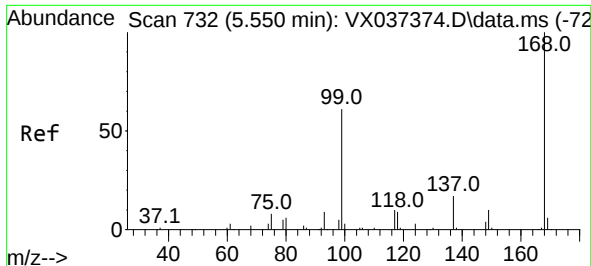
Manual Integrations
APPROVED

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Quant Time: Sep 01 03:10:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

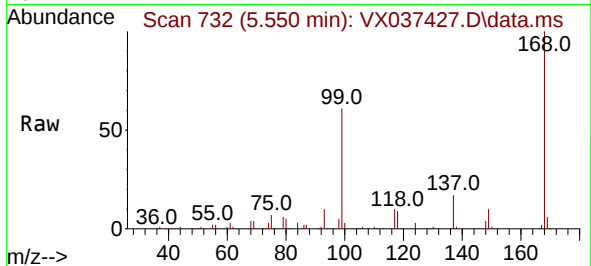
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037427.D
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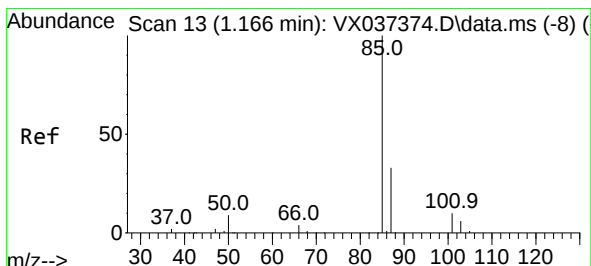
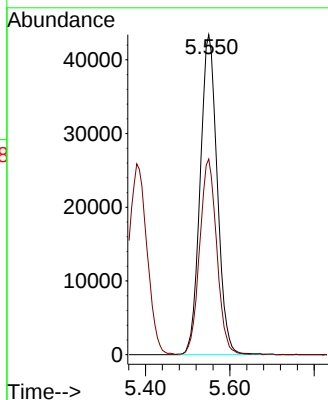
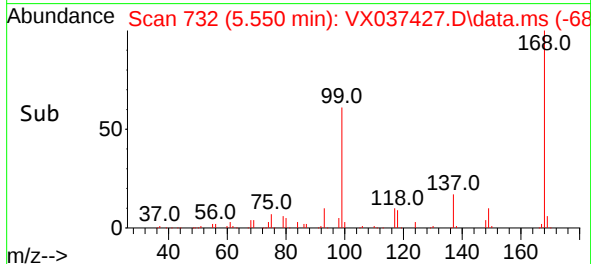
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



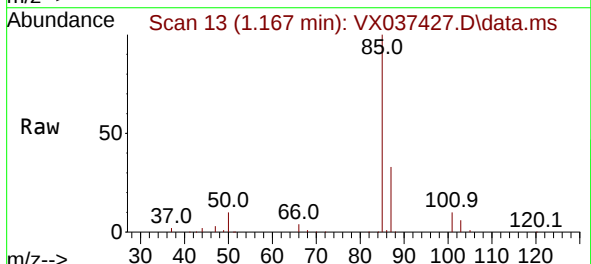
Tgt Ion:168 Resp: 12220
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0

Manual Integrations
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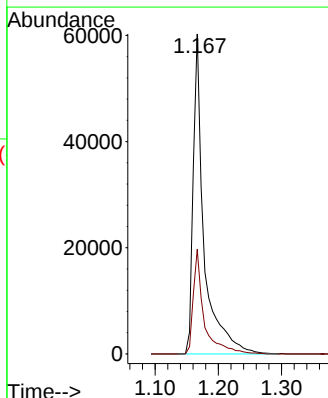
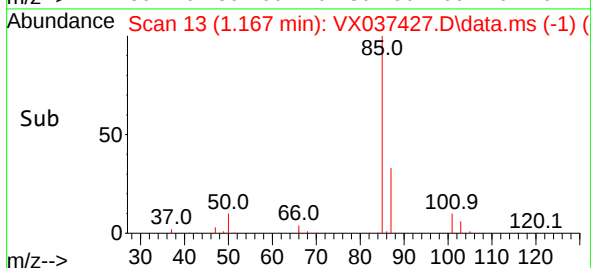
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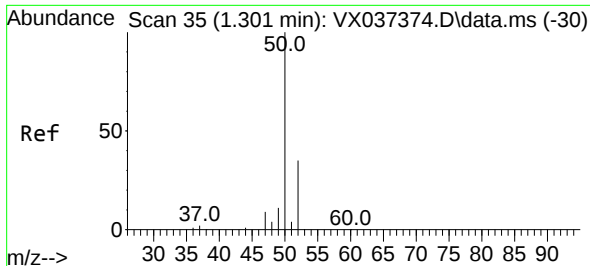


#2
Dichlorodifluoromethane
Concen: 50.608 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



Tgt Ion: 85 Resp: 71842
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





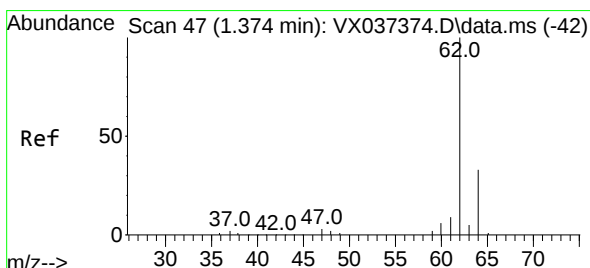
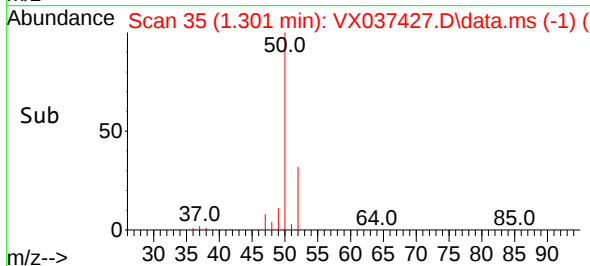
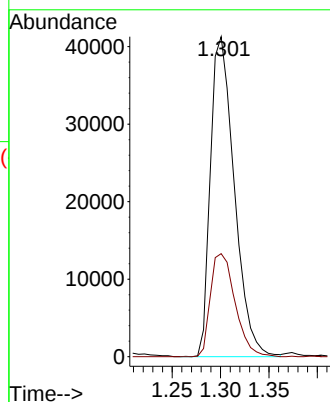
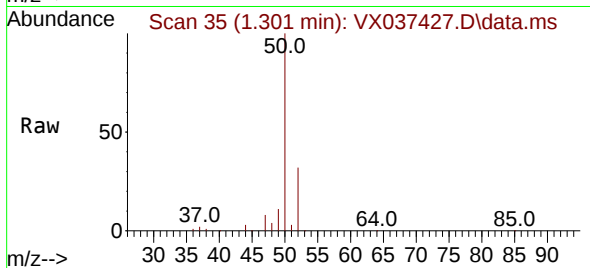
#3
Chloromethane
Concen: 56.941 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
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Tgt Ion: 50 Resp: 7071
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

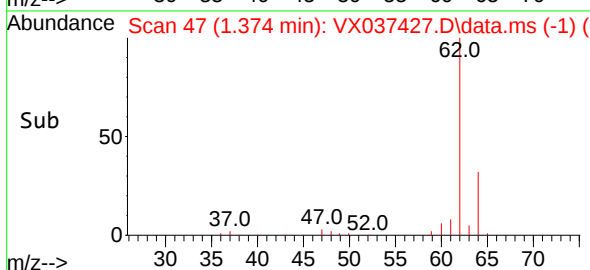
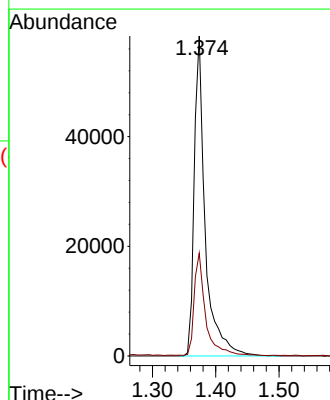
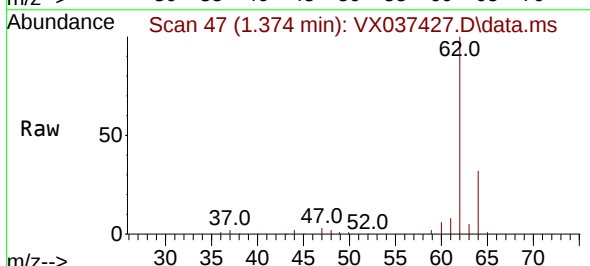
Manual Integrations
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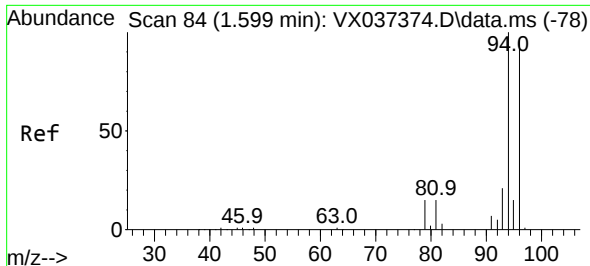
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#4
Vinyl Chloride
Concen: 52.236 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

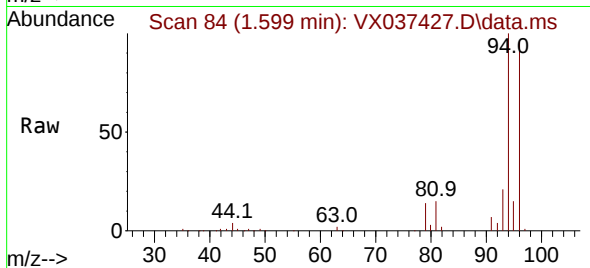
Tgt Ion: 62 Resp: 70614
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 54.759 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

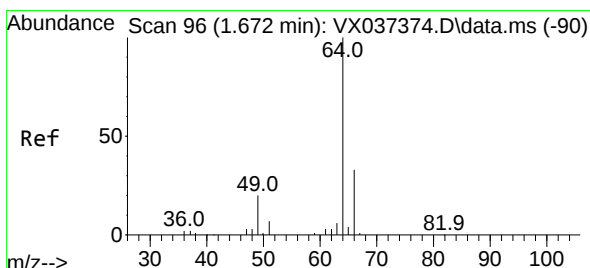
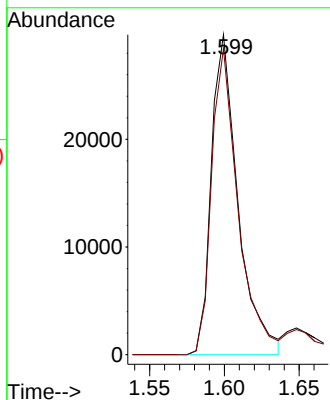
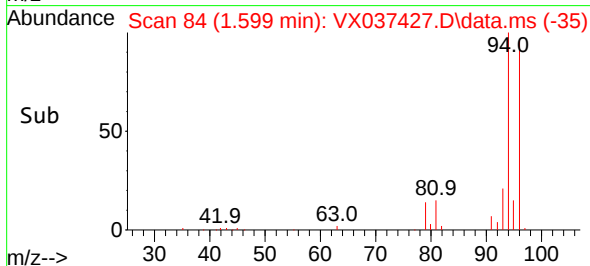
Instrument :
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Tgt Ion: 94 Resp: 3687
Ion Ratio Lower Upper
94 100
96 95.7 74.6 111.8

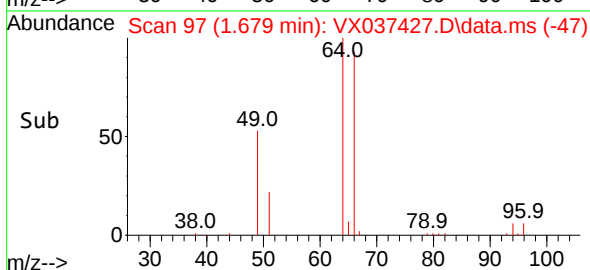
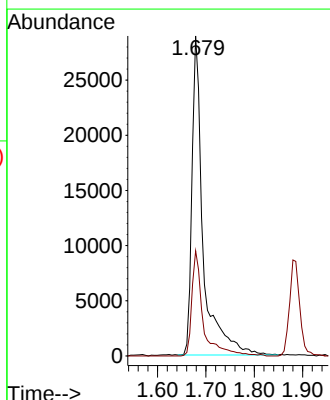
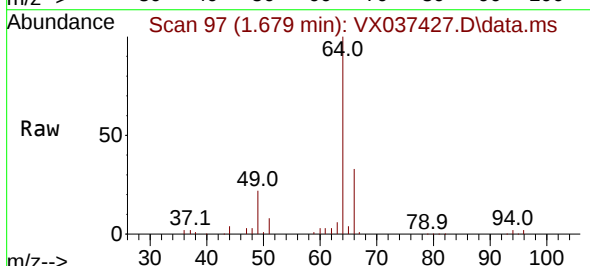
Manual Integrations
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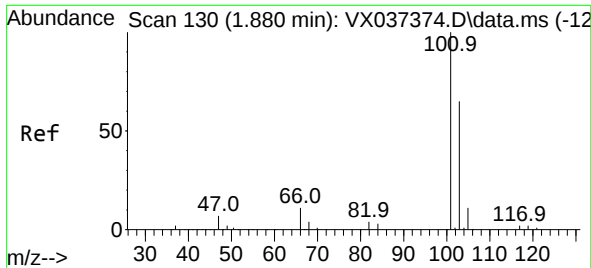
Reviewed By :John Carlone 09/01/2023
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#6
Chloroethane
Concen: 58.694 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

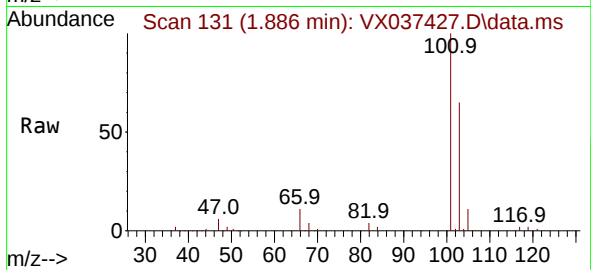
Tgt Ion: 64 Resp: 46691
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 50.345 ug/l
 RT: 1.886 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VX037427.D
 Acq: 31 Aug 2023 13:43

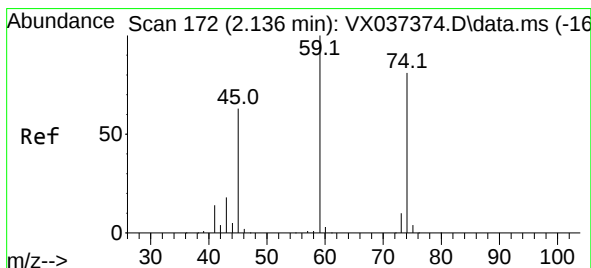
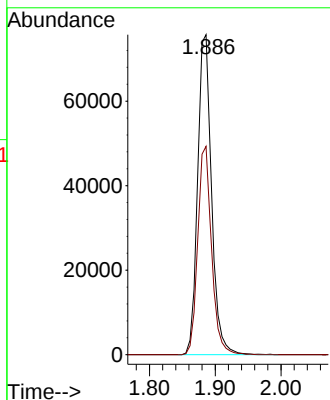
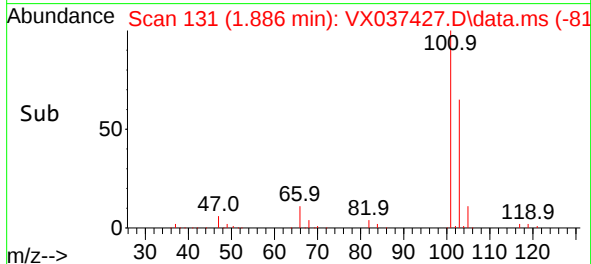
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 111484
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

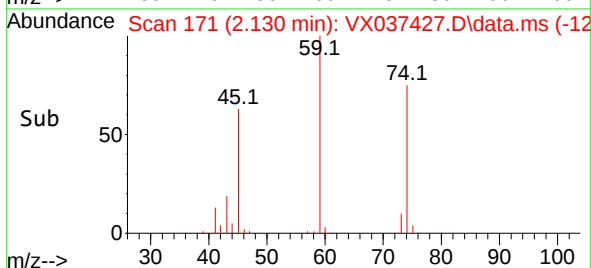
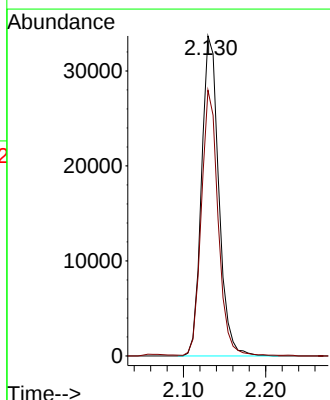
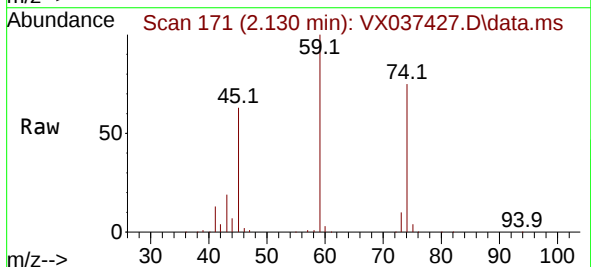
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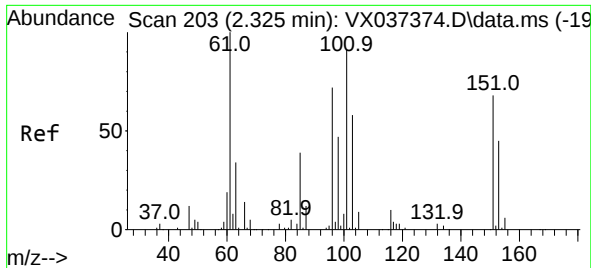
Reviewed By :John Carlone 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#8
 Diethyl Ether
 Concen: 57.251 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX037427.D
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Tgt Ion: 74 Resp: 49048
 Ion Ratio Lower Upper
 74 100
 45 81.4 53.3 159.8





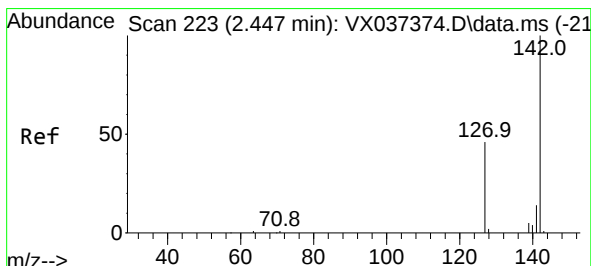
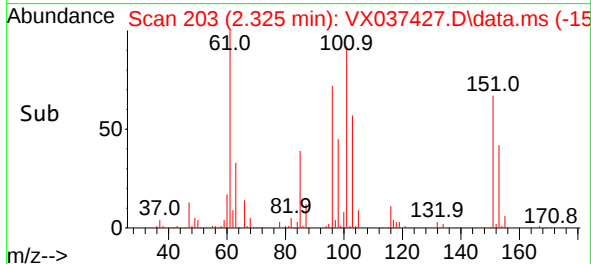
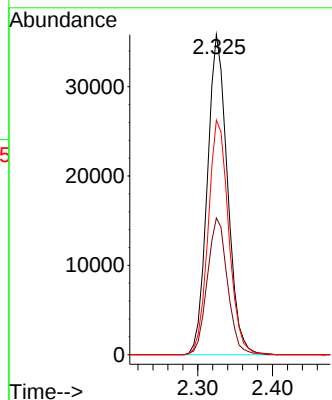
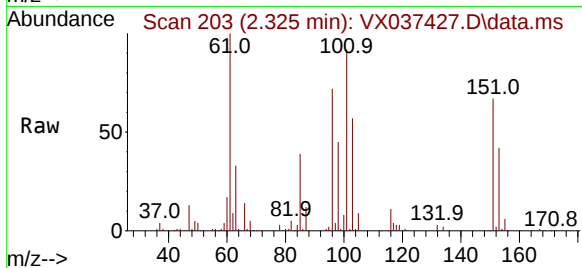
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.871 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 67009
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 74.6 58.6 87.8

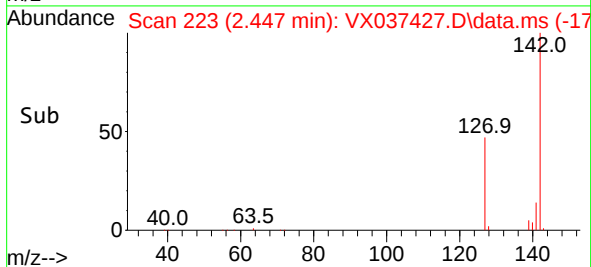
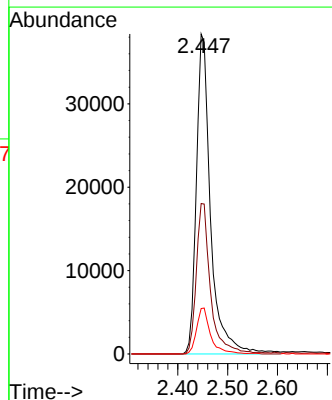
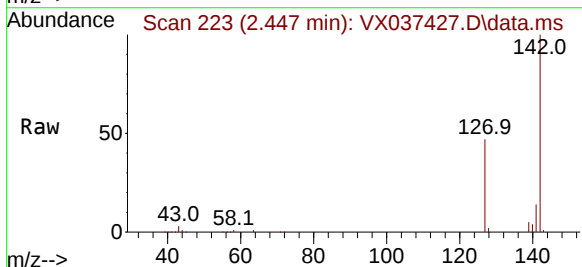
Manual Integrations
APPROVED

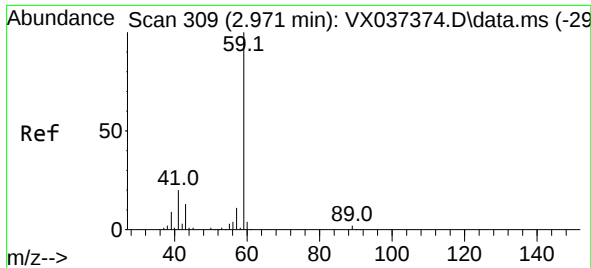
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
Methyl Iodide
Concen: 48.560 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion:142 Resp: 76243
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.0 11.6 17.4





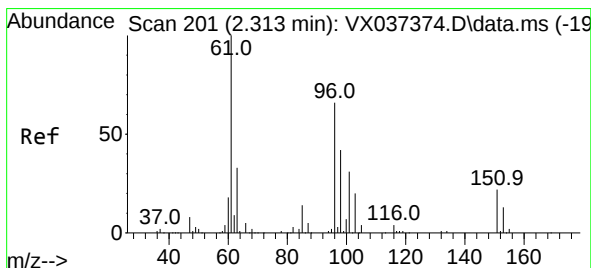
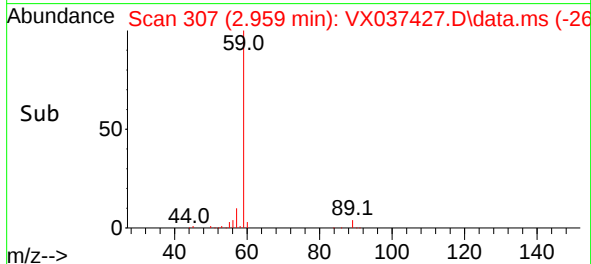
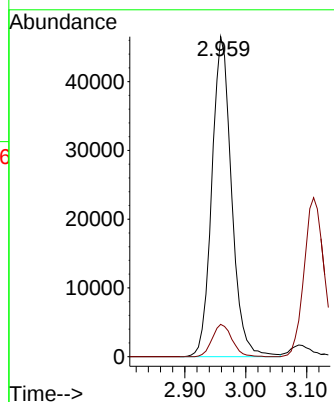
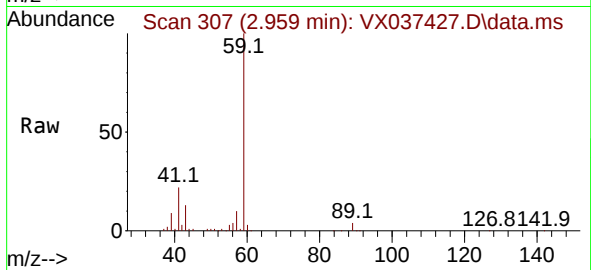
#11
Tert butyl alcohol
Concen: 253.193 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10464
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

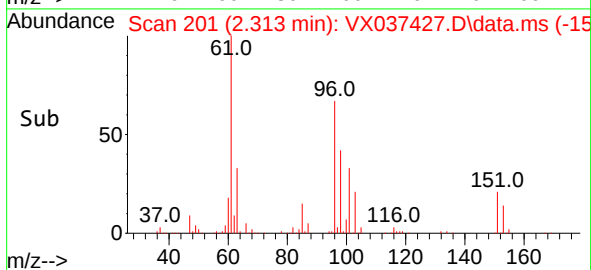
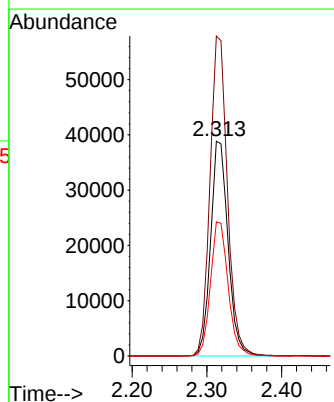
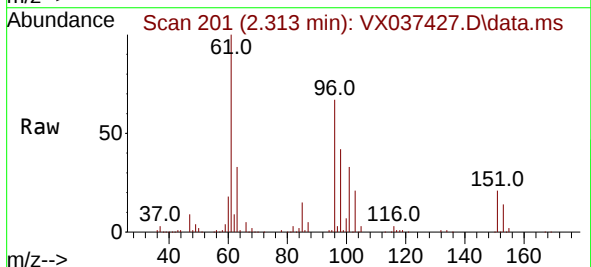
Manual Integrations
APPROVED

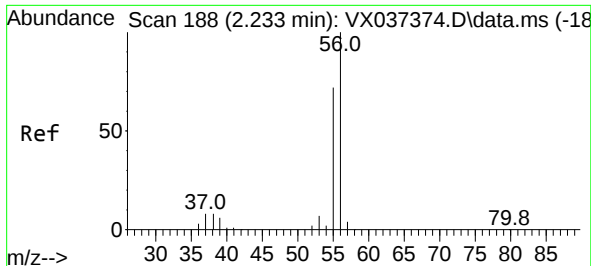
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#12
1,1-Dichloroethene
Concen: 50.216 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

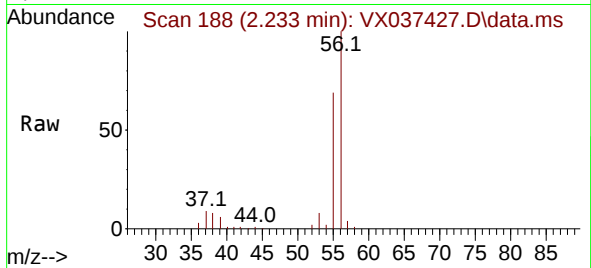
Tgt Ion: 96 Resp: 63172
Ion Ratio Lower Upper
96 100
61 149.0 144.6 216.8
98 62.4 50.4 75.6





#13
Acrolein
Concen: 265.464 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

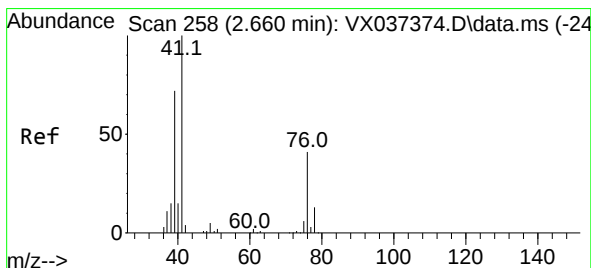
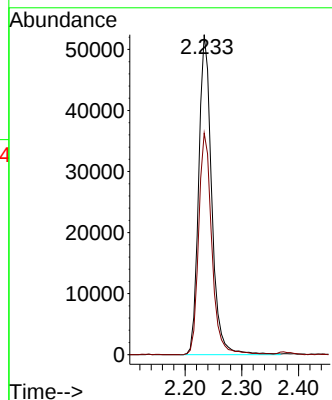
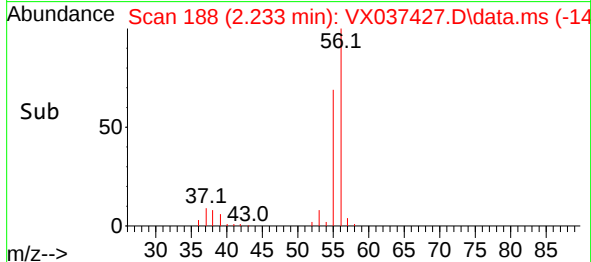
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8346
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

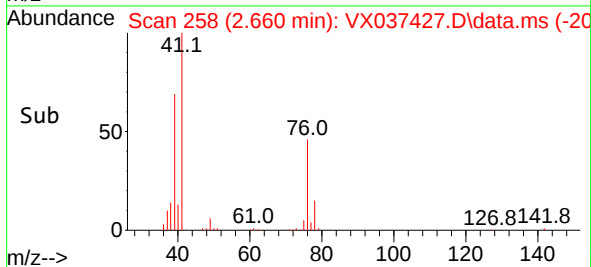
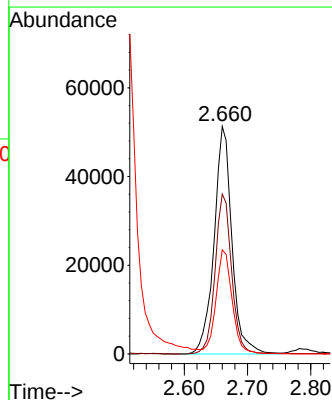
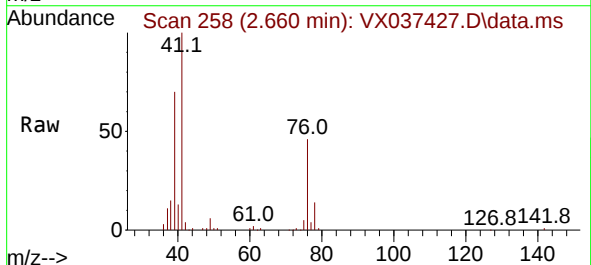
Manual Integrations
APPROVED

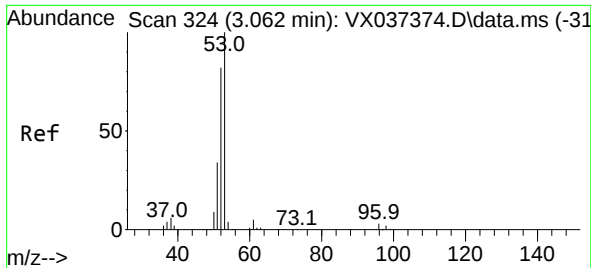
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Allyl chloride
Concen: 51.786 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

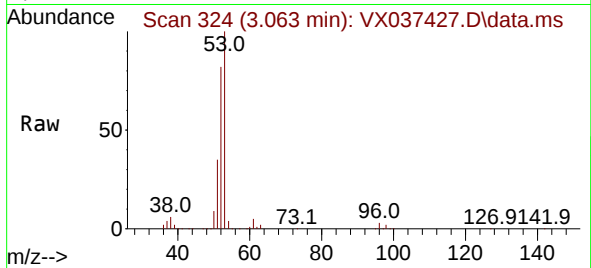
Tgt Ion: 41 Resp: 100835
Ion Ratio Lower Upper
41 100
39 64.9 55.8 83.6
76 41.6 24.3 36.5





#15
Acrylonitrile
Concen: 290.384 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

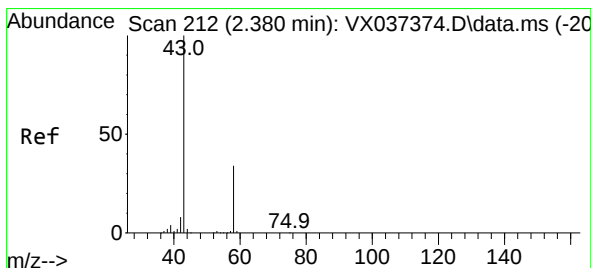
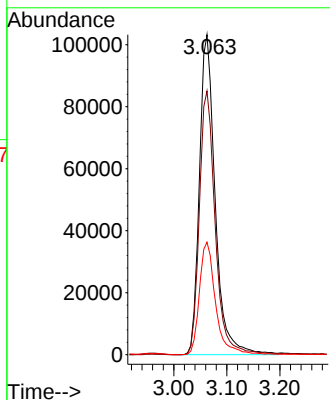
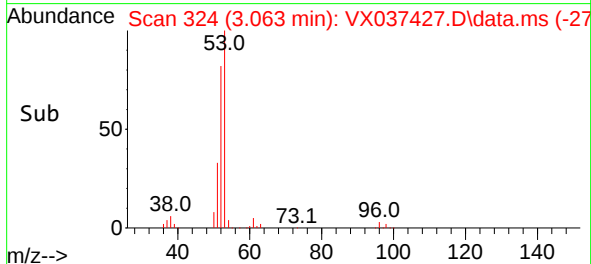
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 214209
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.2 29.8 44.6

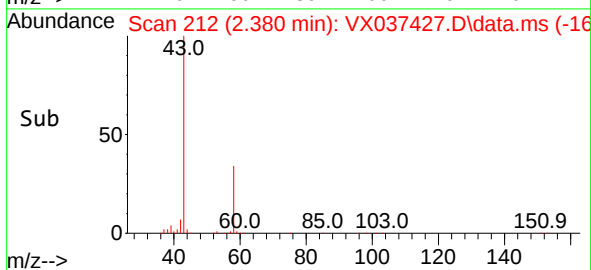
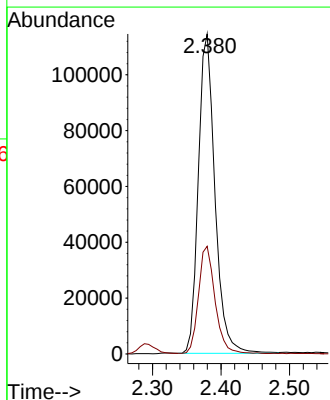
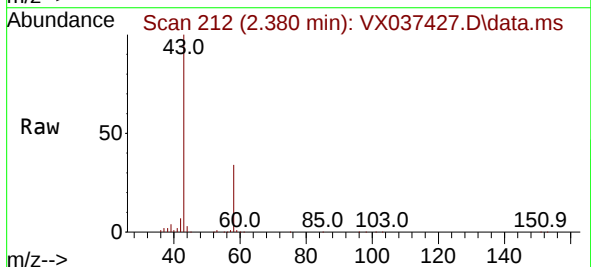
Manual Integrations
APPROVED

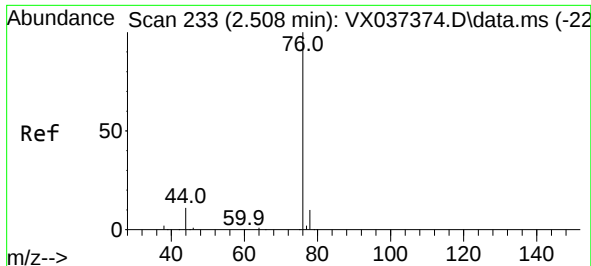
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#16
Acetone
Concen: 280.607 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion: 43 Resp: 193407
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9





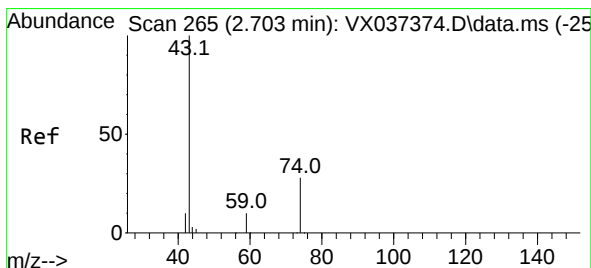
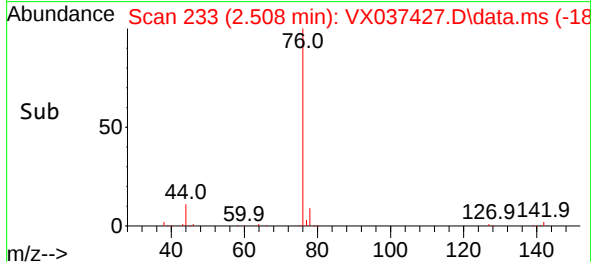
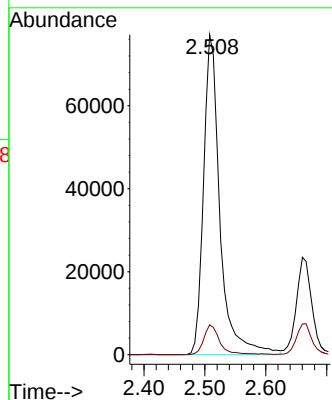
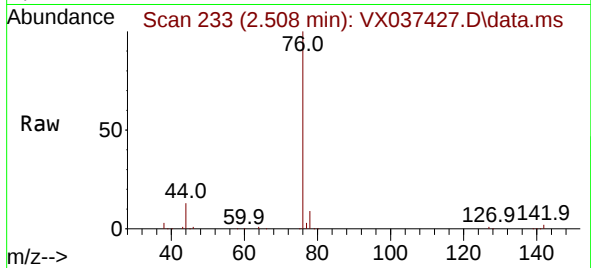
#17
Carbon Disulfide
Concen: 45.049 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14415
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

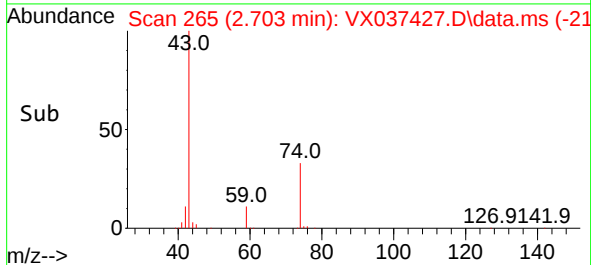
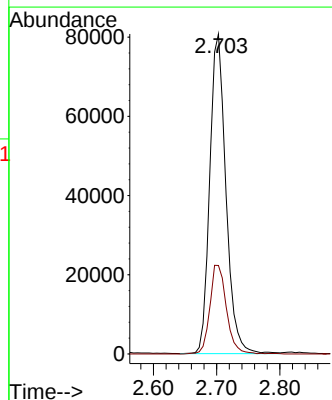
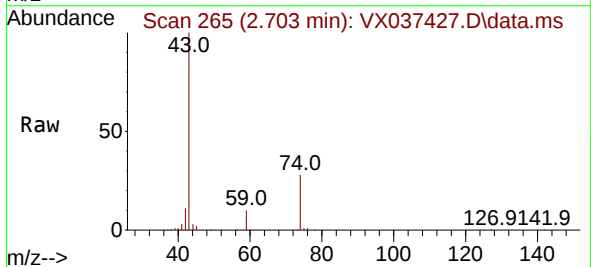
Manual Integrations
APPROVED

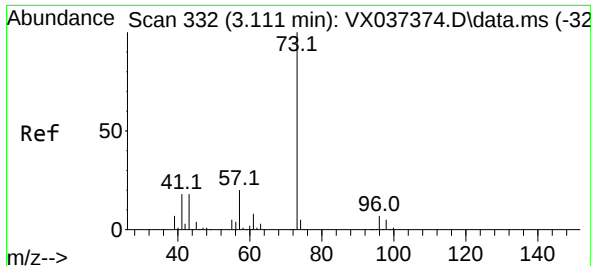
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#18
Methyl Acetate
Concen: 55.159 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

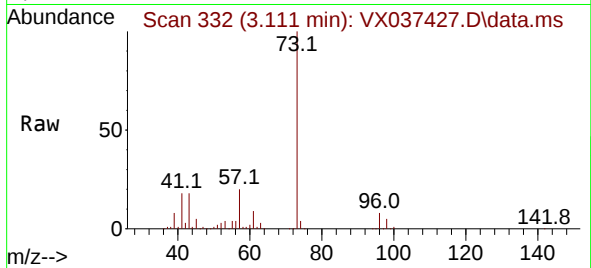
Tgt Ion: 43 Resp: 143145
Ion Ratio Lower Upper
43 100
74 28.6 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 55.847 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

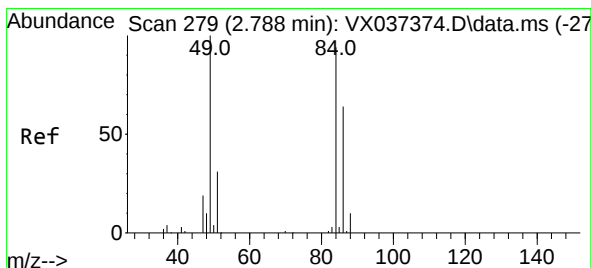
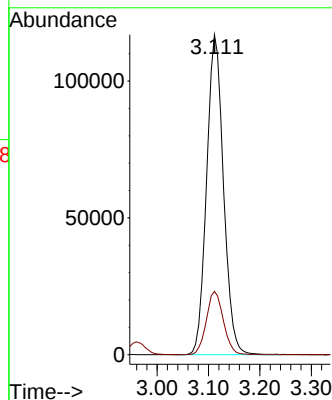
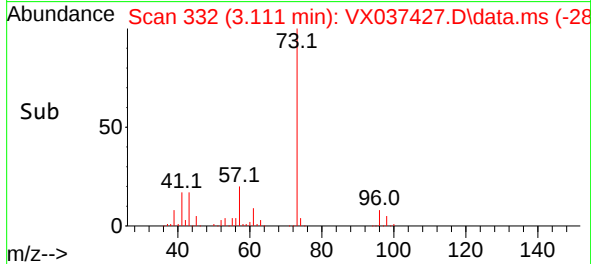
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 266452
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

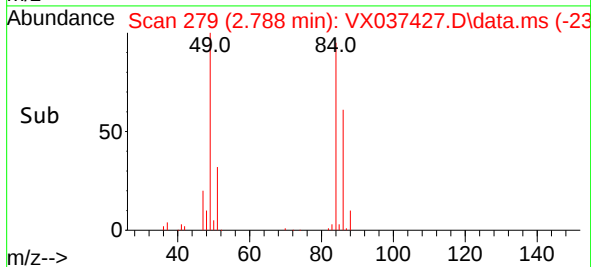
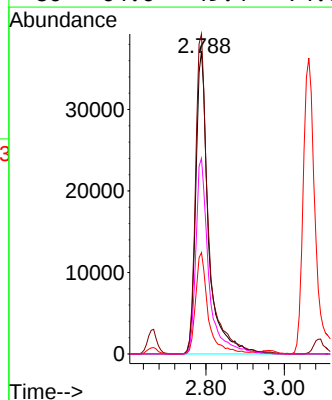
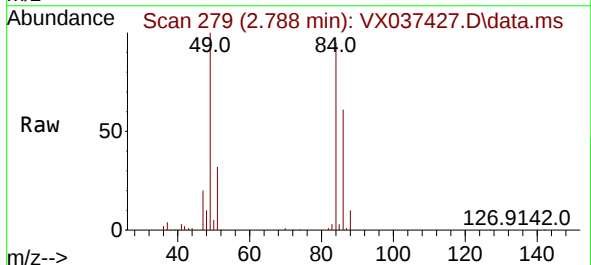
Manual Integrations
APPROVED

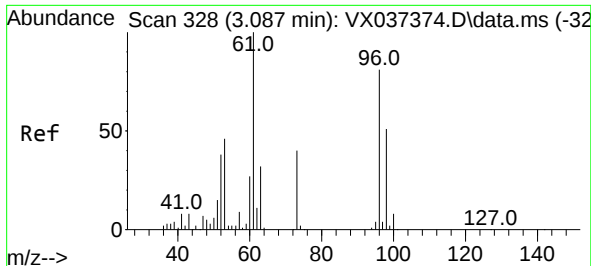
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#20
Methylene Chloride
Concen: 54.945 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion: 84 Resp: 84690
Ion Ratio Lower Upper
84 100
49 105.7 103.6 155.4
51 33.5 33.8 50.6#
86 64.6 49.4 74.0





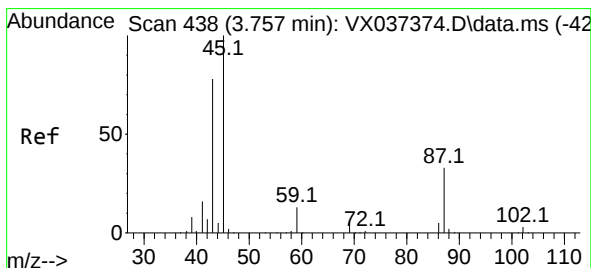
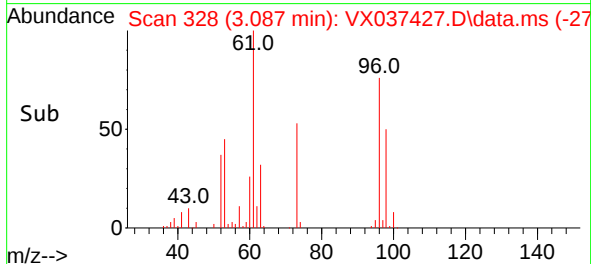
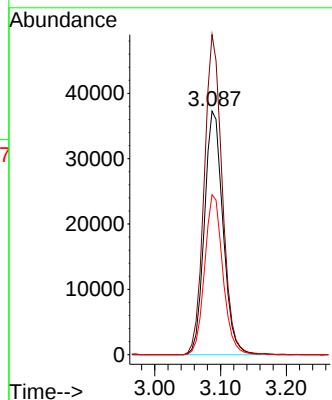
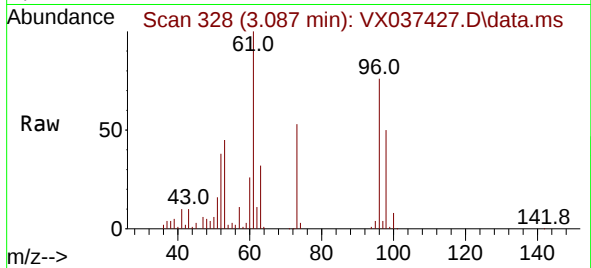
#21
trans-1,2-Dichloroethene
Concen: 51.120 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7310
Ion Ratio Lower Upper
96 100
61 131.4 119.2 178.8
98 65.7 48.7 73.1

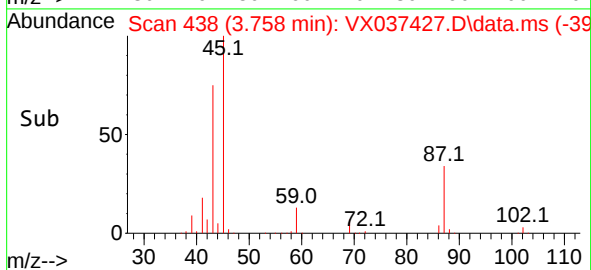
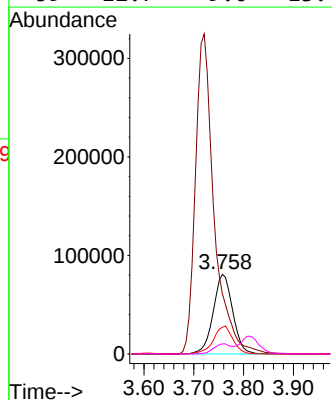
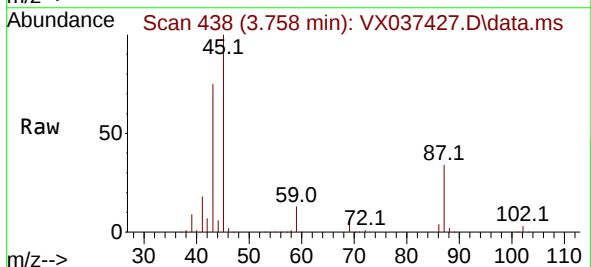
Manual Integrations
APPROVED

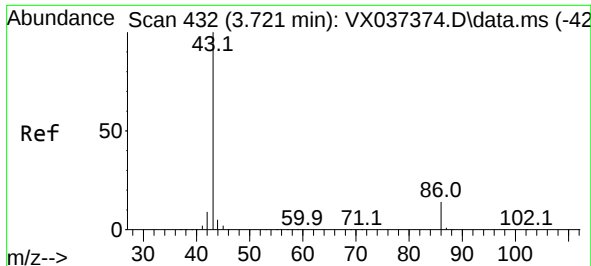
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#22
Diisopropyl ether
Concen: 54.765 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

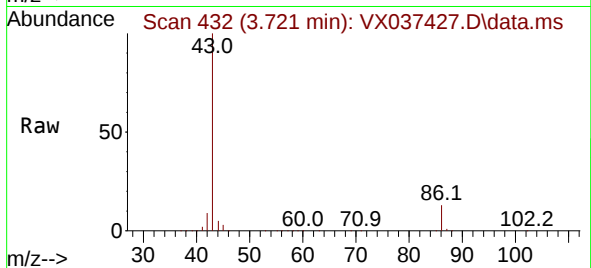
Tgt Ion: 45 Resp: 218822
Ion Ratio Lower Upper
45 100
43 75.1 69.7 104.5
87 33.6 20.8 31.2#
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 277.092 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037427.D
 Acq: 31 Aug 2023 13:43

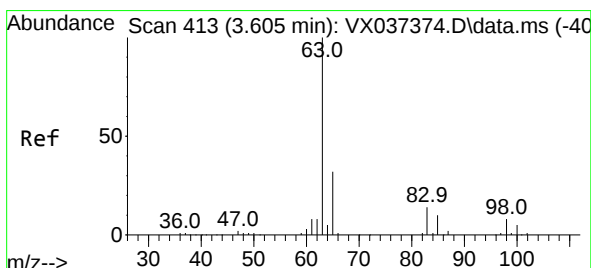
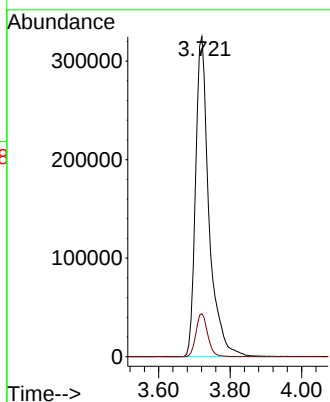
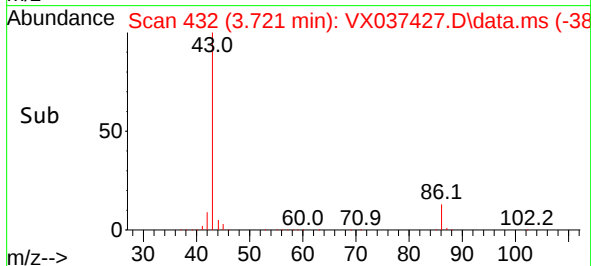
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



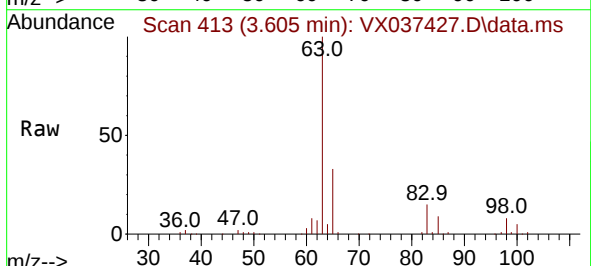
Tgt Ion: 43 Resp: 84843
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.8 11.8

Manual Integrations
 APPROVED

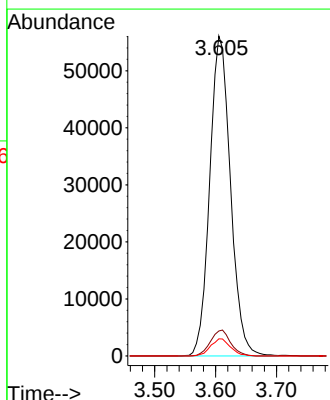
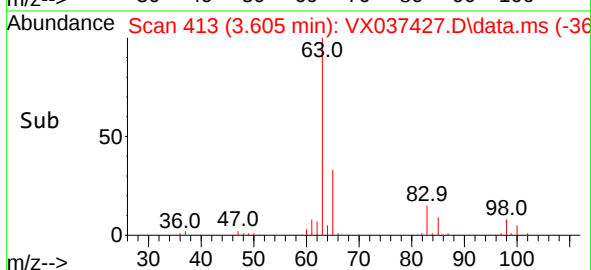
Reviewed By :John Carlone 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023

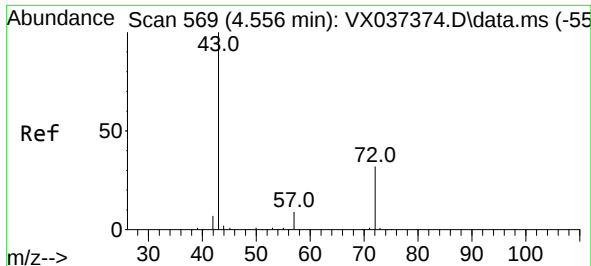


#24
 1,1-Dichloroethane
 Concen: 53.016 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037427.D
 Acq: 31 Aug 2023 13:43



Tgt Ion: 63 Resp: 132839
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.4 2.1 6.5





#25

2-Butanone

Concen: 276.646 ug/l

RT: 4.550 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 28710

Ion Ratio Lower Upper

43 100

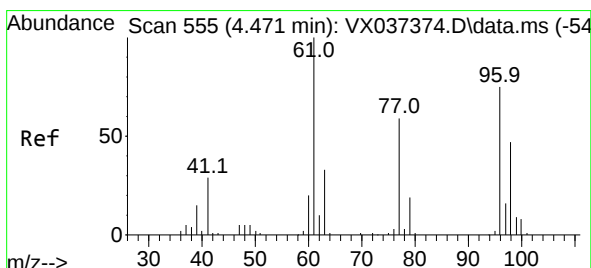
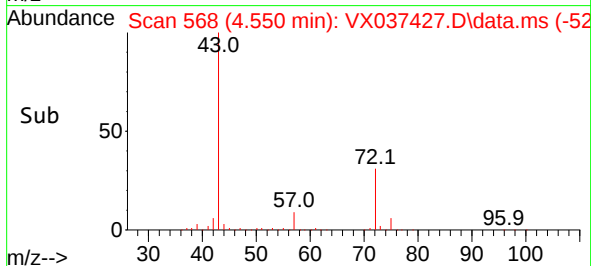
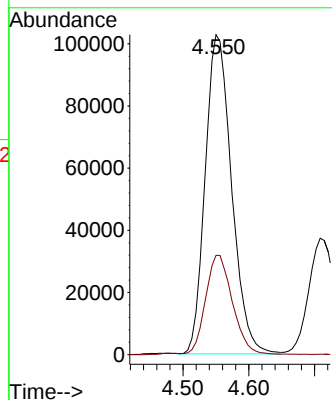
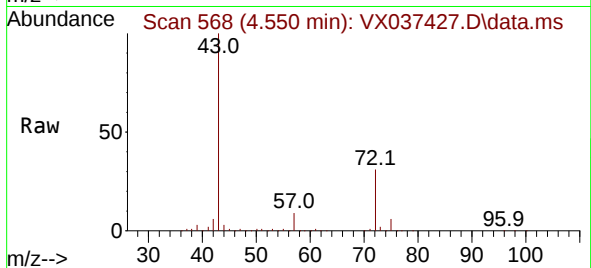
72 31.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#26

2,2-Dichloropropane

Concen: 48.631 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037427.D

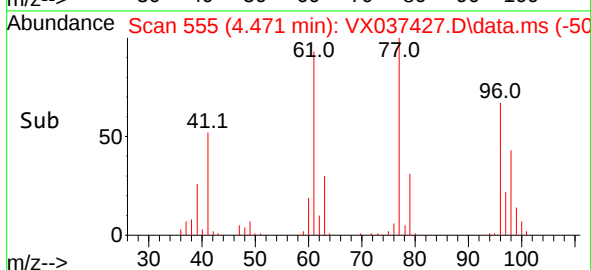
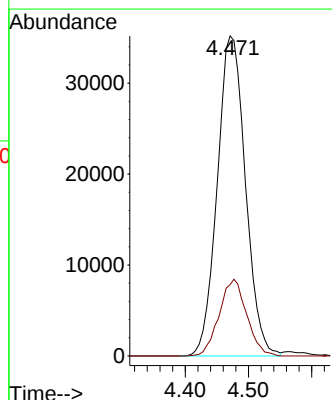
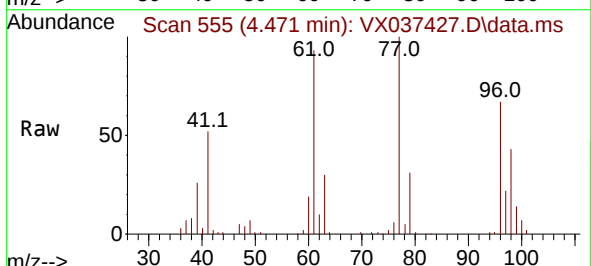
Acq: 31 Aug 2023 13:43

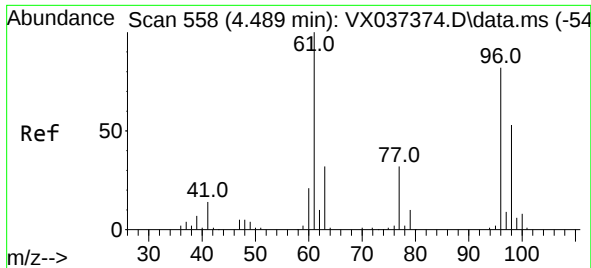
Tgt Ion: 77 Resp: 108821

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.884 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9084

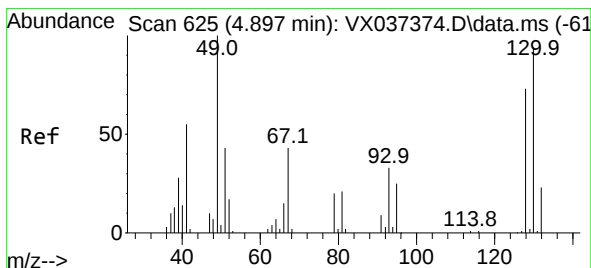
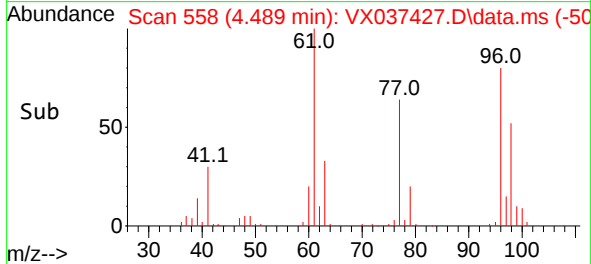
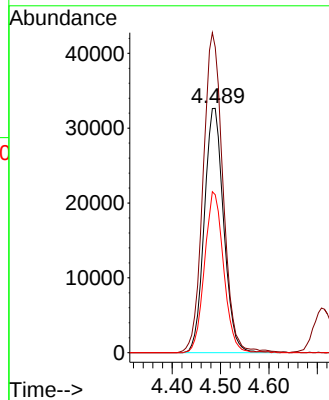
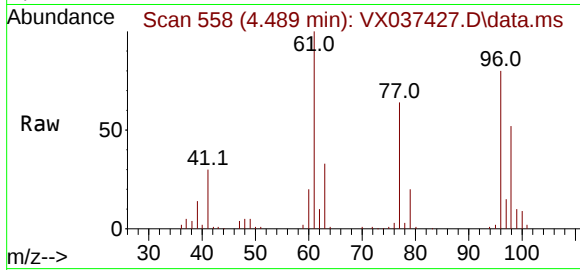
Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	312.2
98	64.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#28

Bromochloromethane

Concen: 54.764 ug/l

RT: 4.898 min Scan# 625

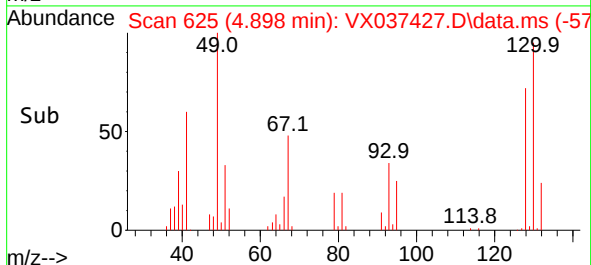
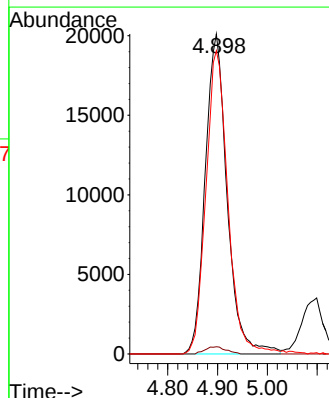
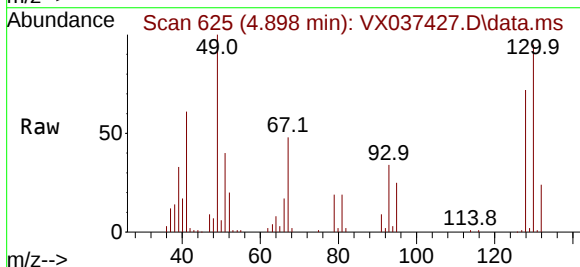
Delta R.T. -0.006 min

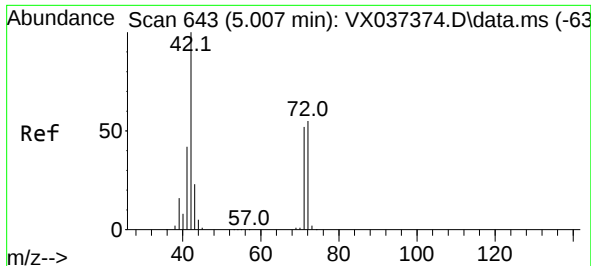
Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Tgt Ion: 49 Resp: 61298

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	95.1	57.5	86.3





#29

Tetrahydrofuran

Concen: 272.559 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 180389

Ion Ratio Lower Upper

42 100

72 54.6 34.2 51.4

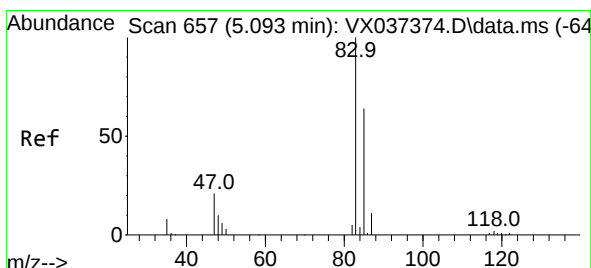
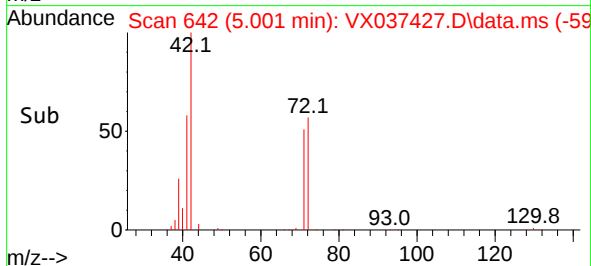
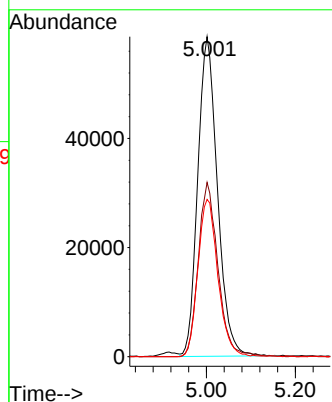
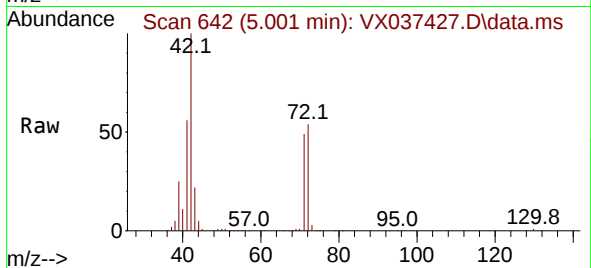
71 50.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#30

Chloroform

Concen: 53.284 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037427.D

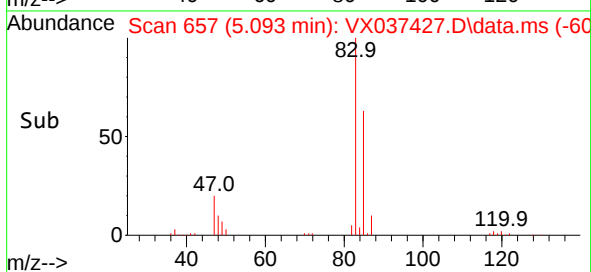
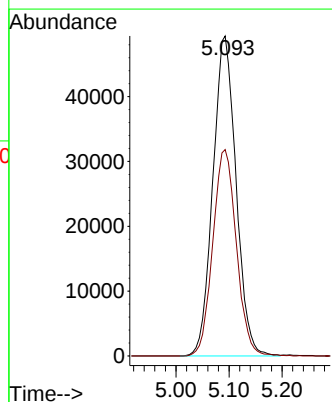
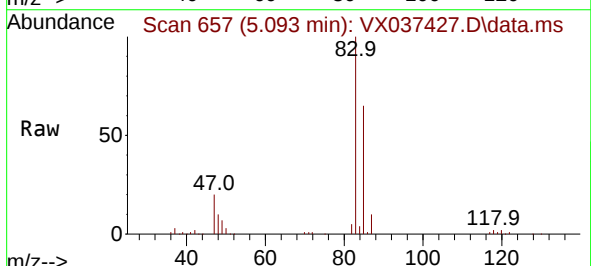
Acq: 31 Aug 2023 13:43

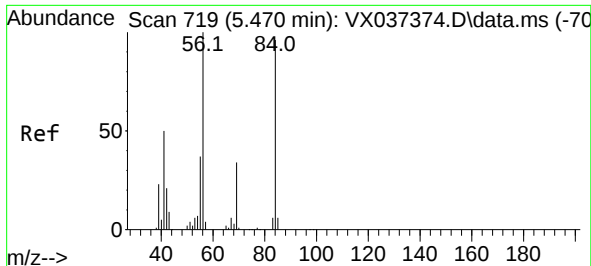
Tgt Ion: 83 Resp: 149872

Ion Ratio Lower Upper

83 100

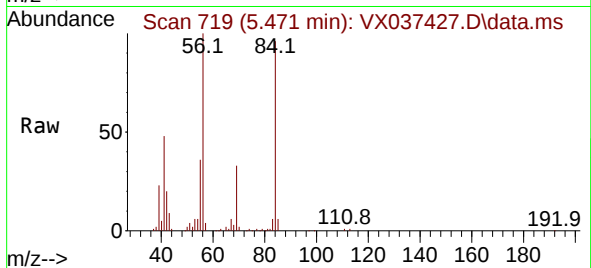
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 50.534 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

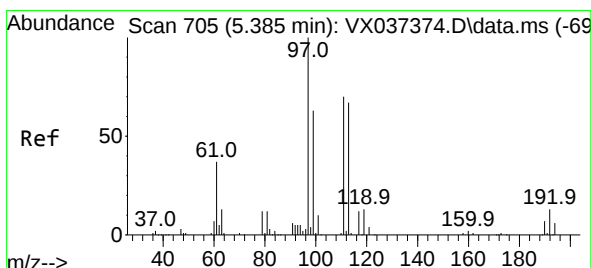
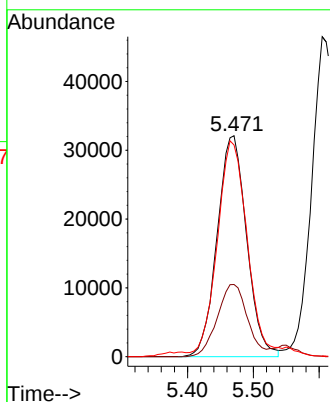
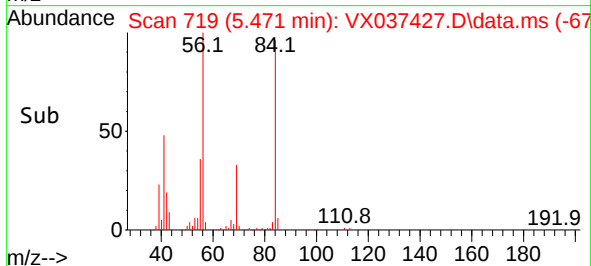
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 100110
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 93.7 65.9 98.9

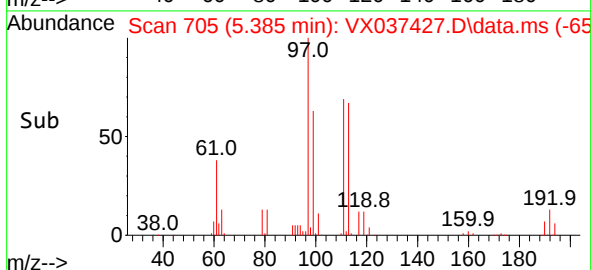
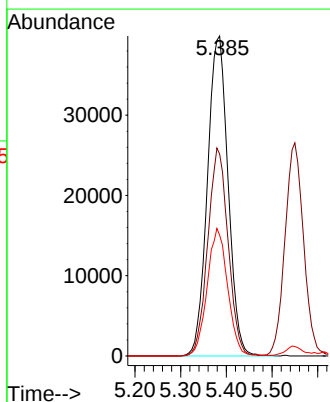
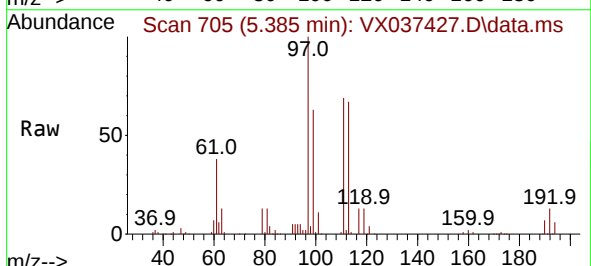
Manual Integrations
APPROVED

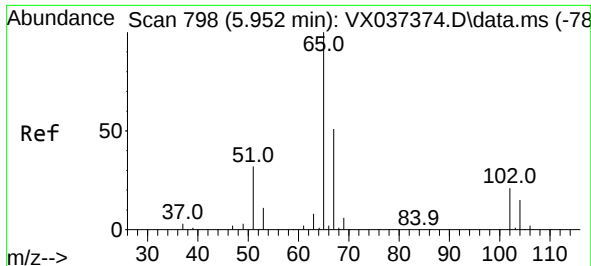
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#32
1,1,1-Trichloroethane
Concen: 49.514 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion: 97 Resp: 124803
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 39.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.910 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 93218

Ion Ratio Lower Upper

65 100

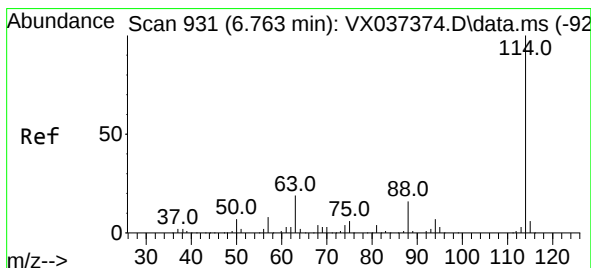
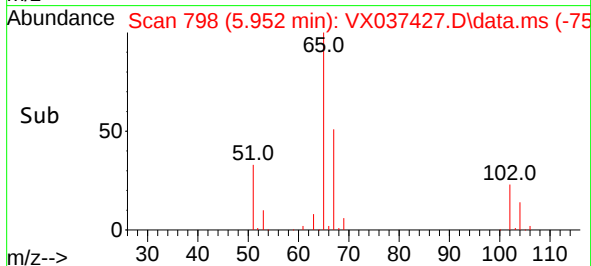
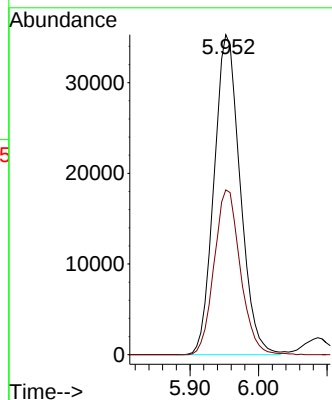
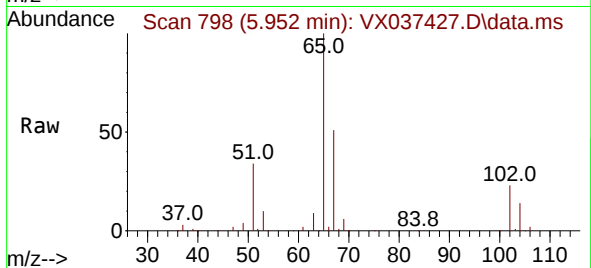
67 51.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

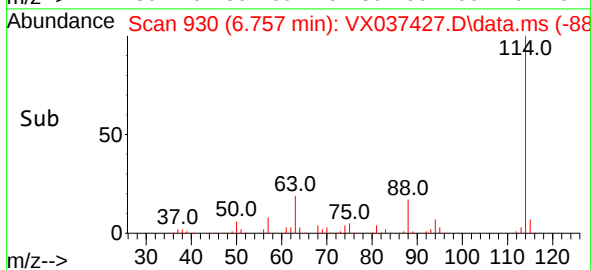
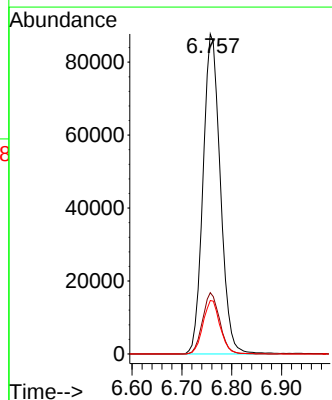
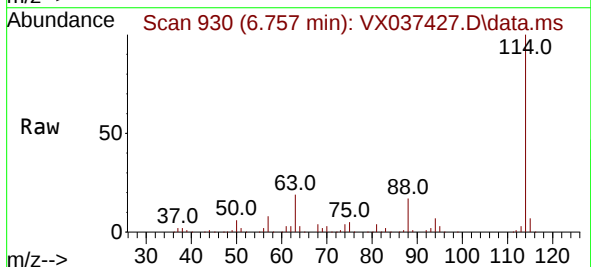
Tgt Ion:114 Resp: 211329

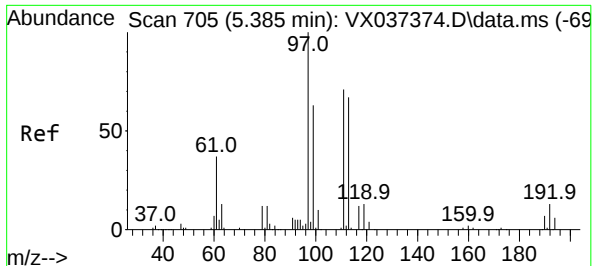
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 56.613 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

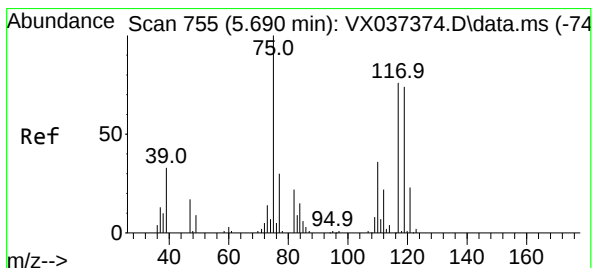
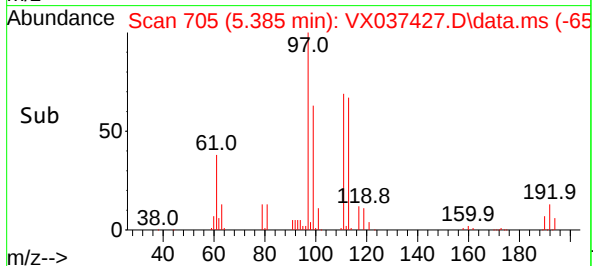
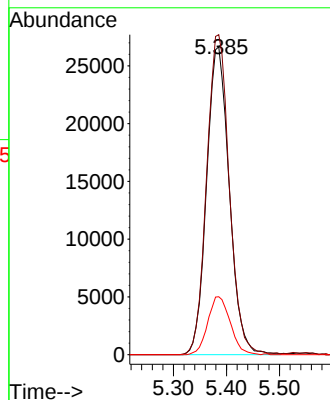
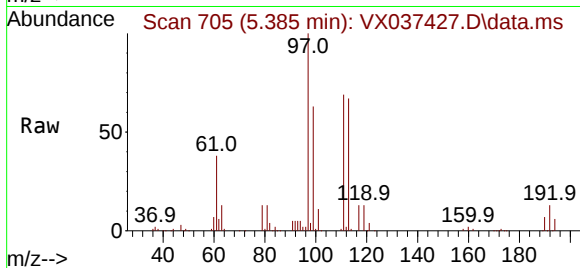
Tgt Ion:	113	Resp:	7923
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#36

1,1-Dichloropropene

Concen: 49.052 ug/l

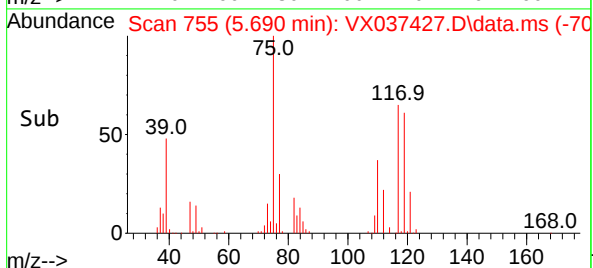
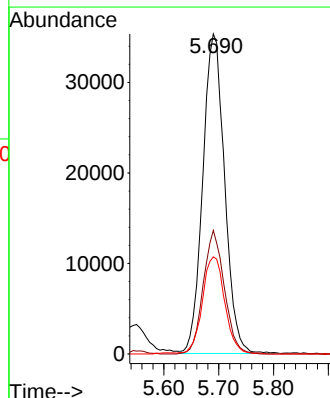
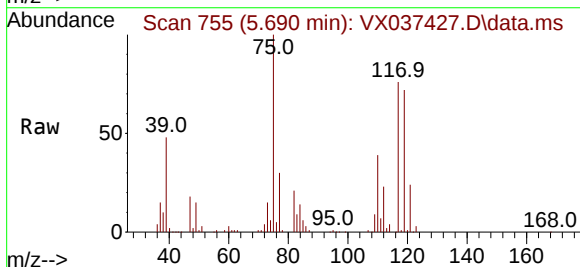
RT: 5.690 min Scan# 755

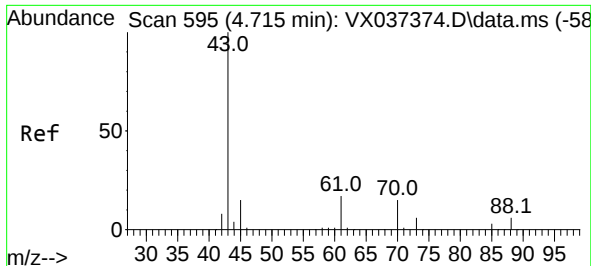
Delta R.T. -0.006 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Tgt Ion:	75	Resp:	97537
Ion	Ratio	Lower	Upper
75	100		
110	37.3	17.0	50.9
77	30.7	24.7	37.1





#37

Ethyl Acetate

Concen: 54.022 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX037427.D

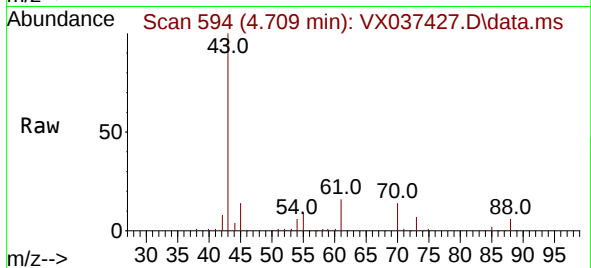
Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 109728

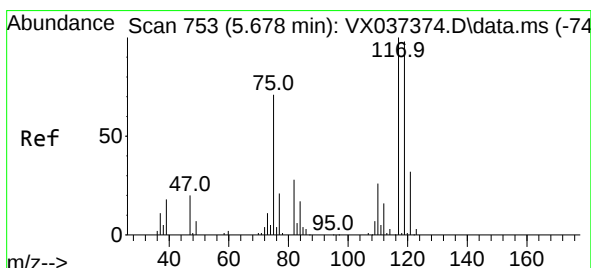
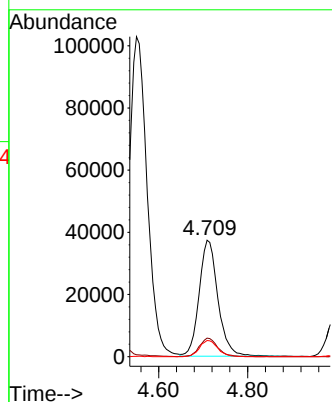
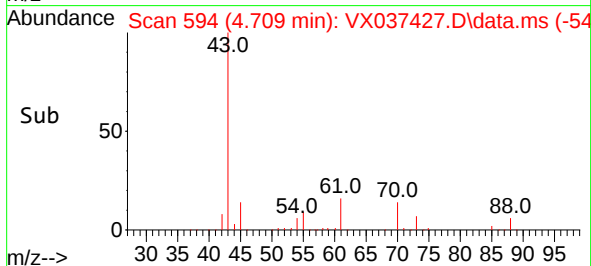
Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.6	16.0
70	13.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#38

Carbon Tetrachloride

Concen: 49.390 ug/l

RT: 5.672 min Scan# 752

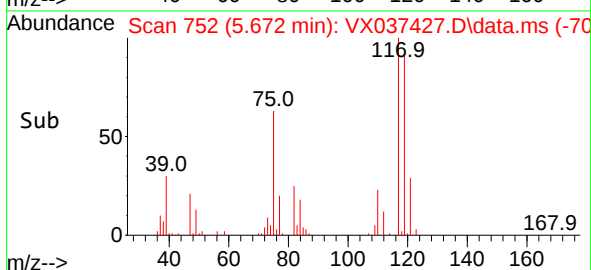
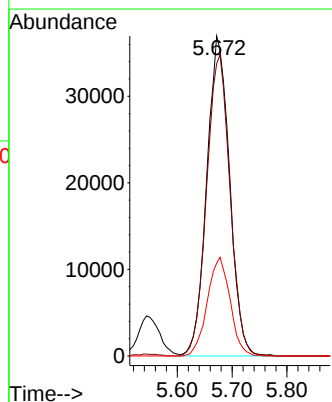
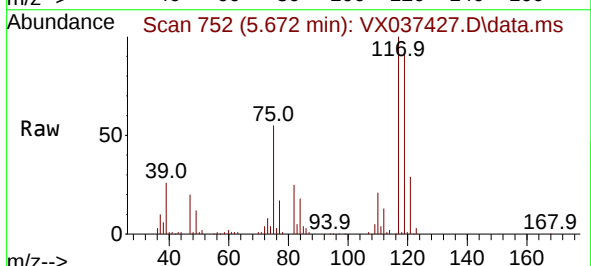
Delta R.T. 0.000 min

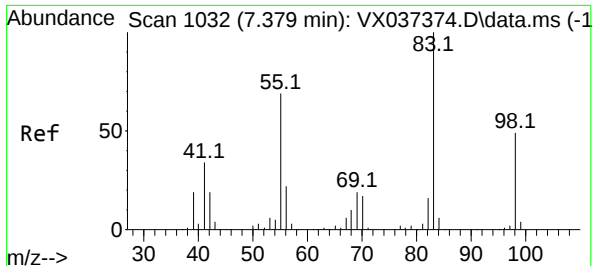
Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Tgt Ion:117 Resp: 106681

Ion	Ratio	Lower	Upper
117	100		
119	91.4	78.2	117.2
121	29.0	24.4	36.6





#39

Methylcyclohexane

Concen: 58.055 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 121284

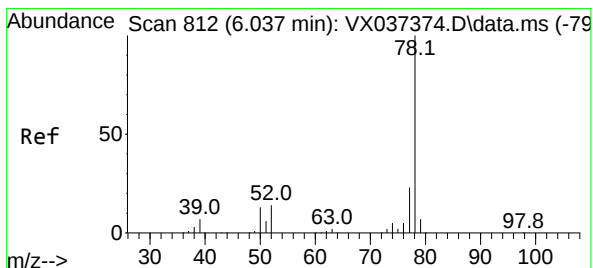
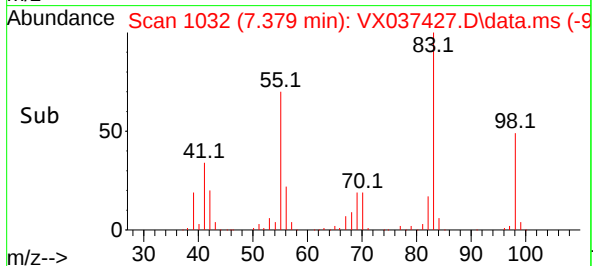
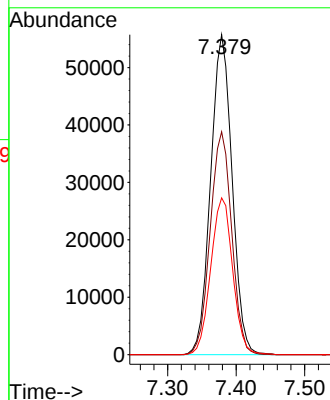
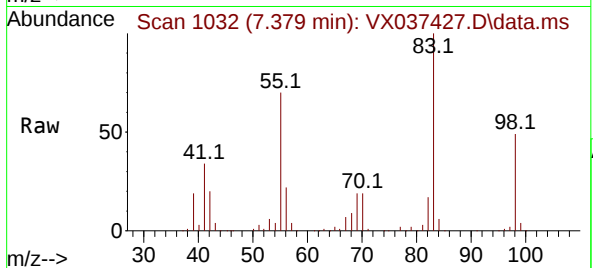
Ion	Ratio	Lower	Upper
83	100		
55	69.7	64.6	97.0
98	49.0	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#40

Benzene

Concen: 54.186 ug/l

RT: 6.038 min Scan# 812

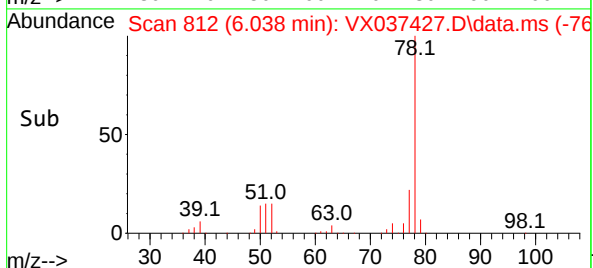
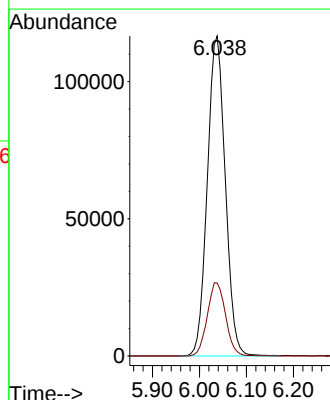
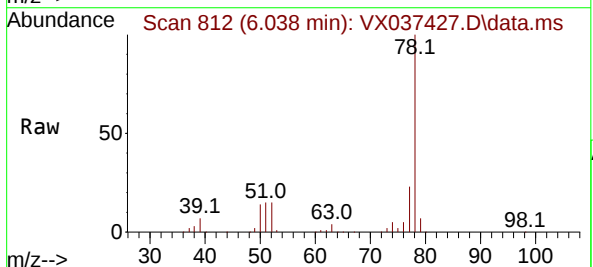
Delta R.T. 0.000 min

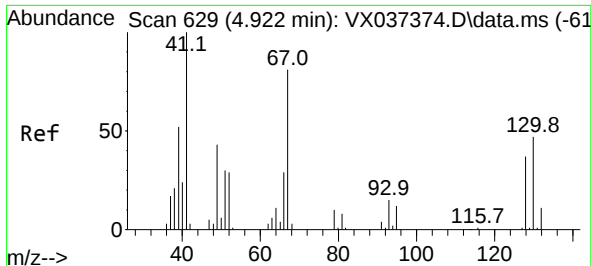
Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Tgt Ion: 78 Resp: 309014

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





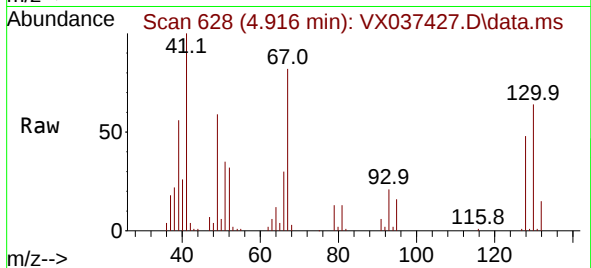
#41
Methacrylonitrile
Concen: 55.890 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



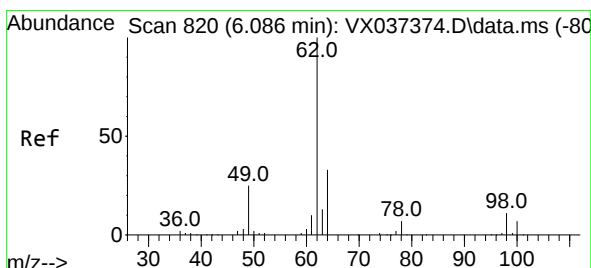
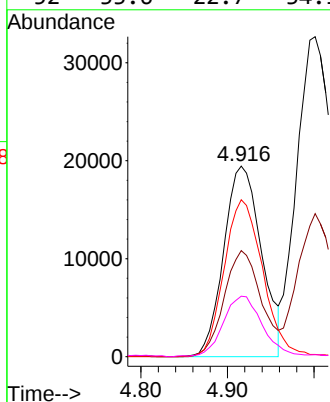
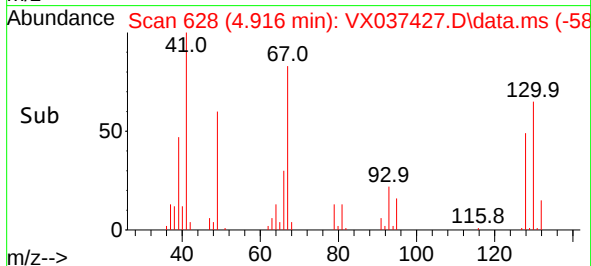
Tgt Ion:	41	Resp:	5901
Ion Ratio	100	Lower	Upper
39	54.5	45.2	67.8
67	84.8	52.6	78.8
52	33.6	22.7	34.1

Manual Integrations

APPROVED

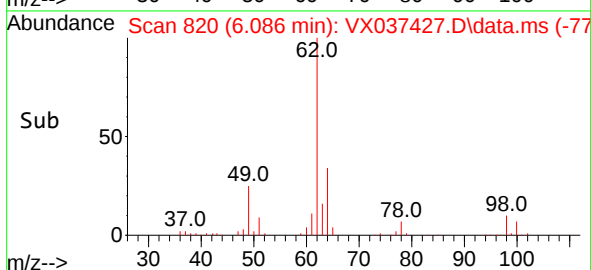
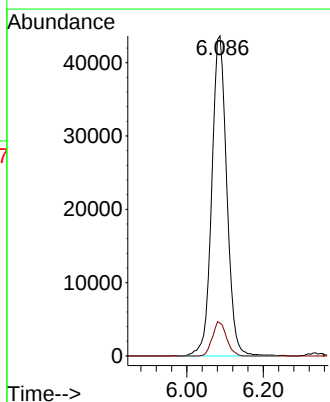
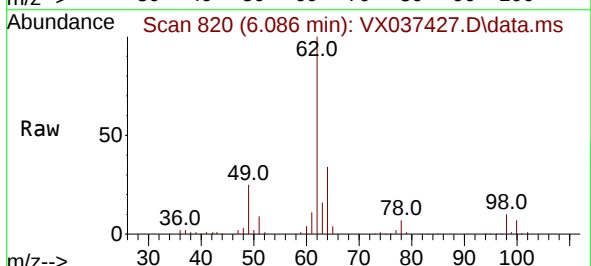
Reviewed By :John Carlone 09/01/2023

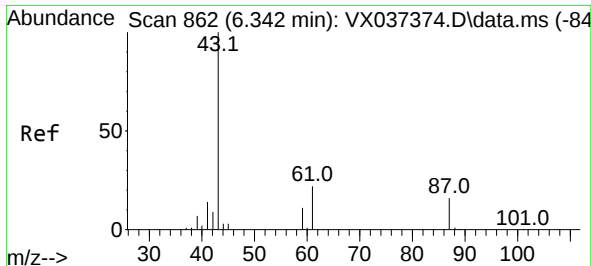
Supervised By :Mahesh Dadoda 09/01/2023



#42
1,2-Dichloroethane
Concen: 53.187 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion:	62	Resp:	118946
Ion Ratio	100	Lower	Upper
98	10.1	0.0	16.0





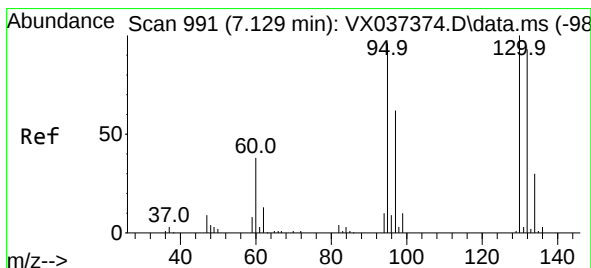
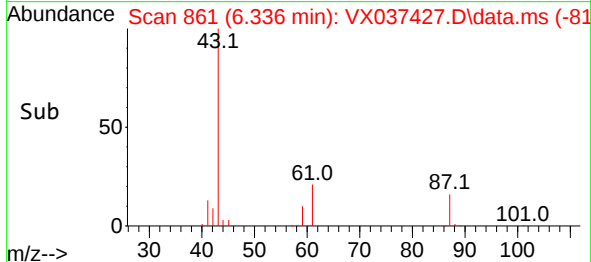
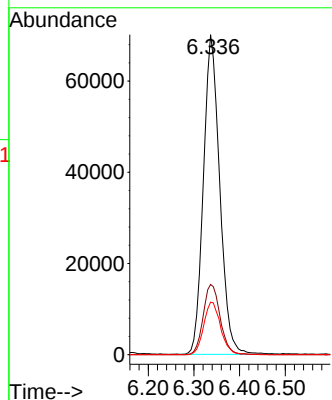
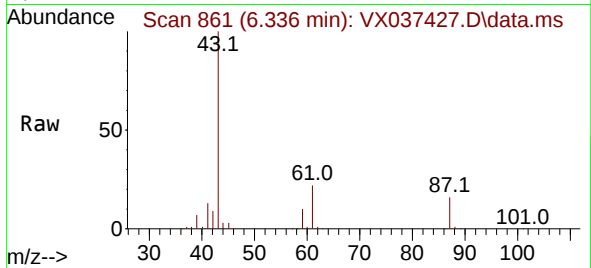
#43
Isopropyl Acetate
Concen: 53.948 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 173970
Ion Ratio Lower Upper
43 100
61 22.8 15.2 22.8
87 17.0 9.8 14.6

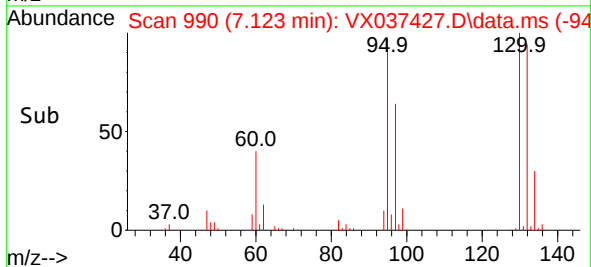
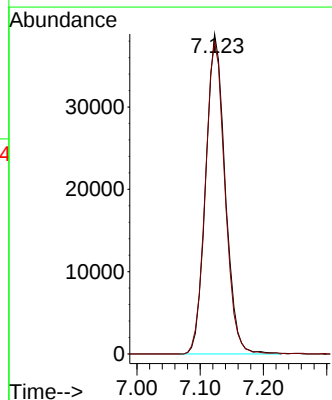
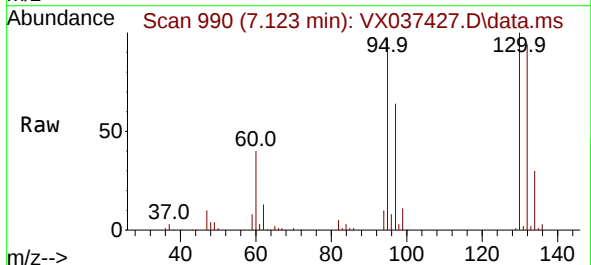
Manual Integrations
APPROVED

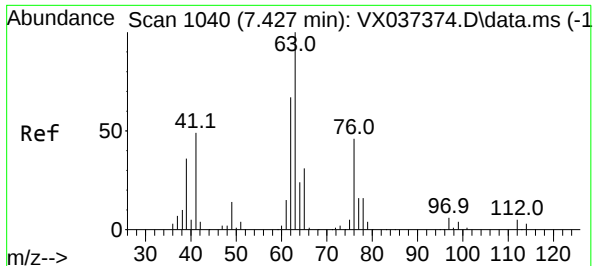
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#44
Trichloroethene
Concen: 51.396 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion:130 Resp: 83110
Ion Ratio Lower Upper
130 100
95 97.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.564 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7953

Ion Ratio Lower Upper

63 100

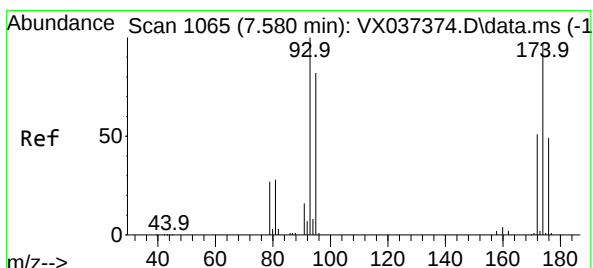
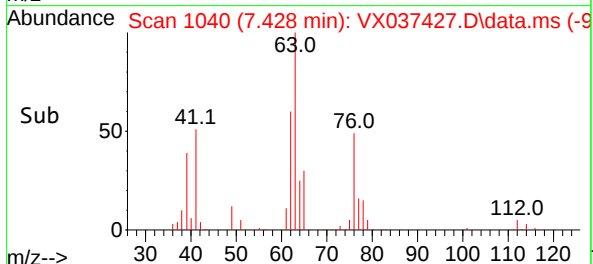
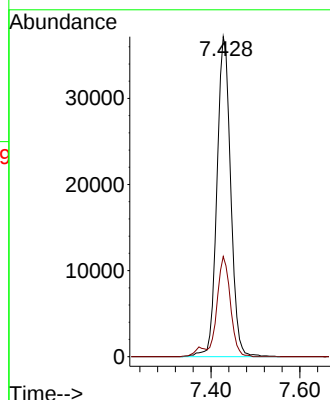
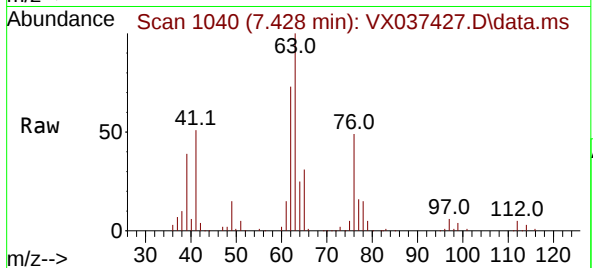
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Dibromomethane

Concen: 56.471 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

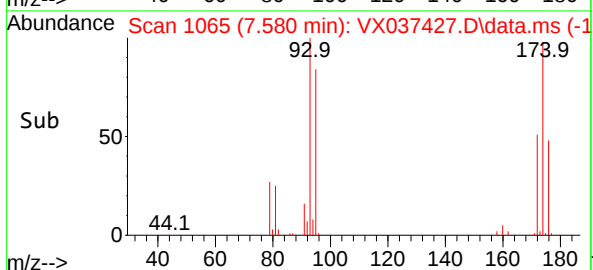
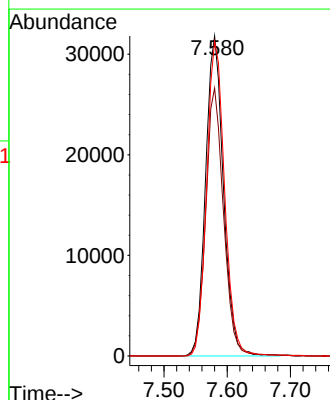
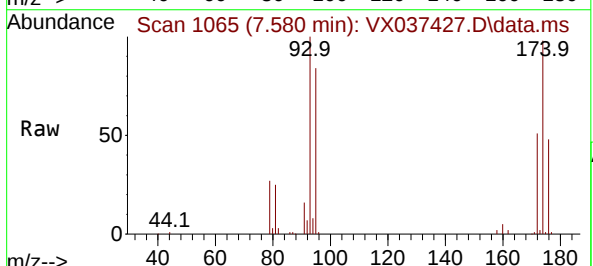
Tgt Ion: 93 Resp: 62555

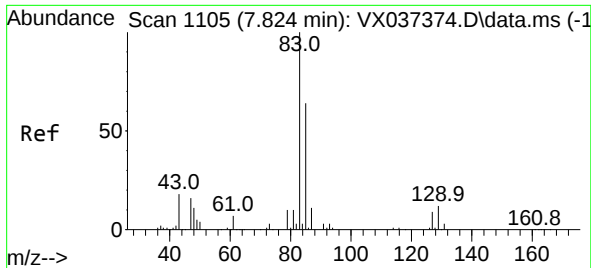
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 98.6 69.4 104.0





#47
Bromodichloromethane
Concen: 55.894 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

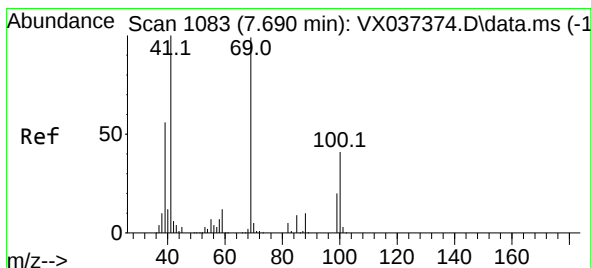
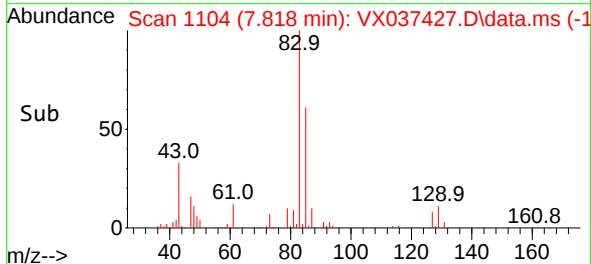
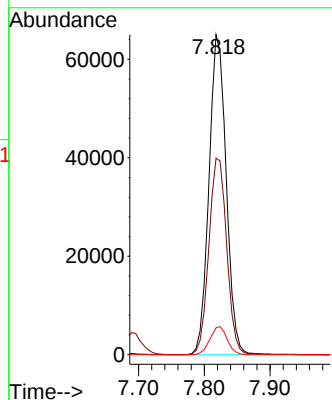
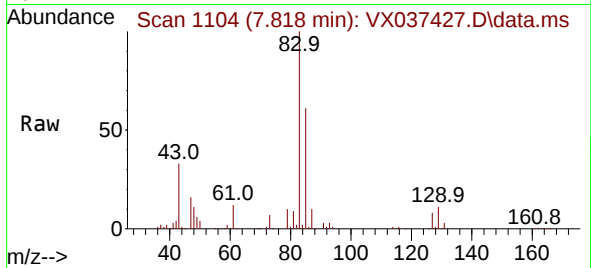
VSTDCCC050

Tgt Ion: 83 Resp: 118592
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations

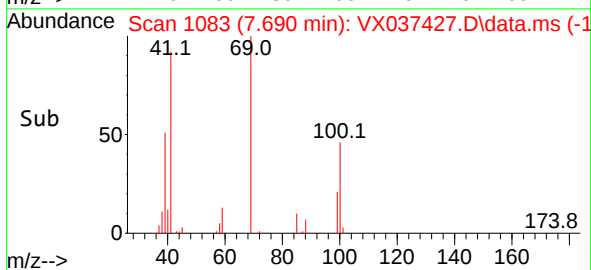
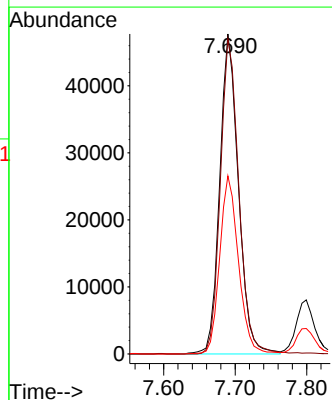
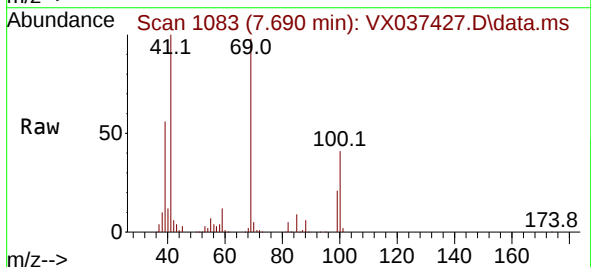
APPROVED

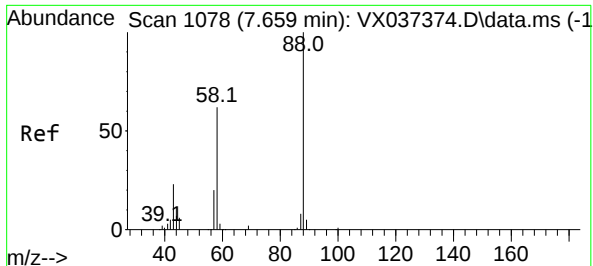
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
Methyl methacrylate
Concen: 55.106 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion: 41 Resp: 86663
Ion Ratio Lower Upper
41 100
69 98.1 59.2 88.8#
39 55.9 47.7 71.5





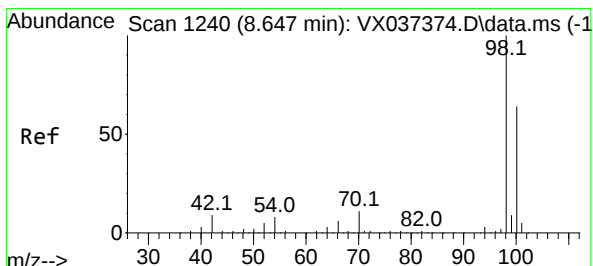
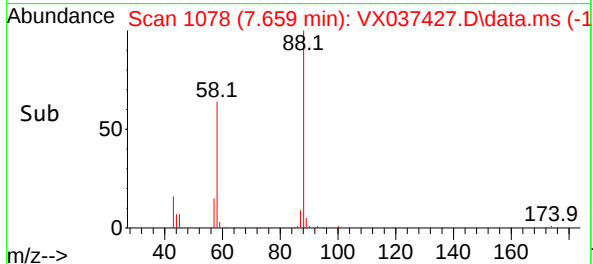
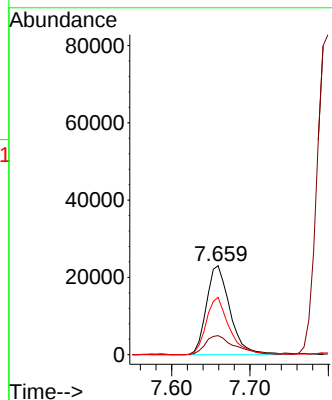
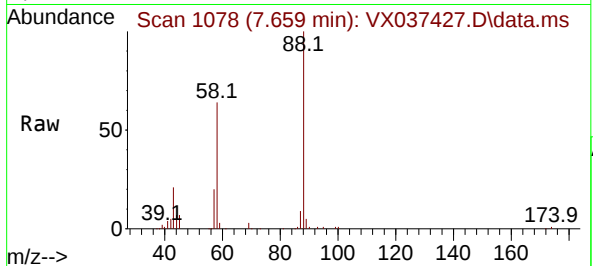
#49
1,4-Dioxane
Concen: 1132.970 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 47980
Ion Ratio Lower Upper
88 100
43 27.0 0.0 0.0
58 64.0 60.1 90.1

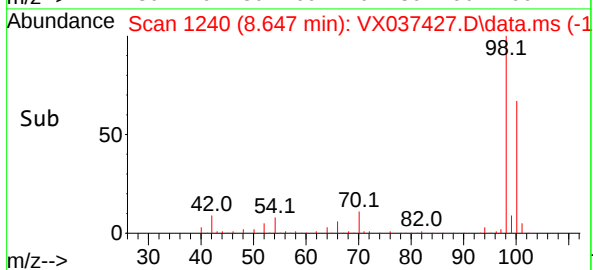
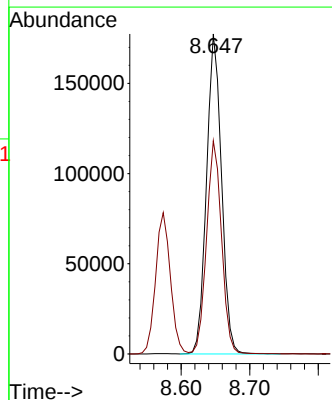
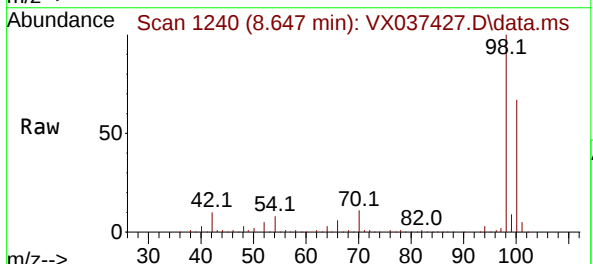
Manual Integrations
APPROVED

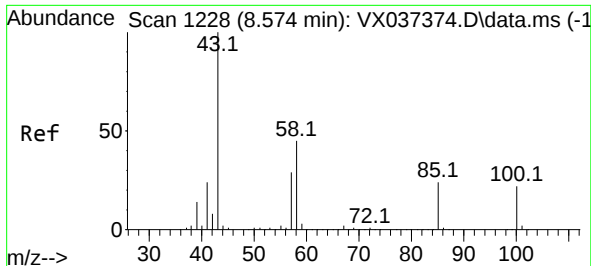
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#50
Toluene-d8
Concen: 53.177 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion: 98 Resp: 269971
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 282.966 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 554094

Ion Ratio Lower Upper

43 100

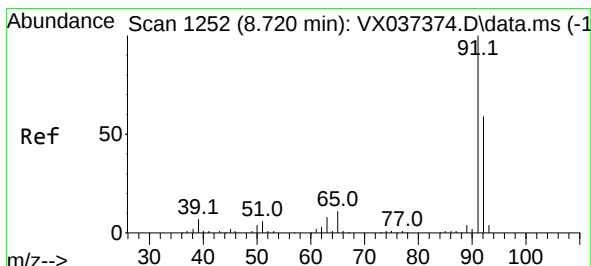
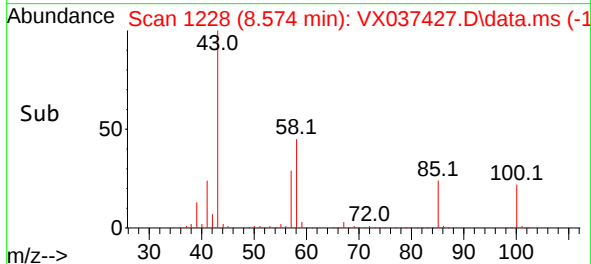
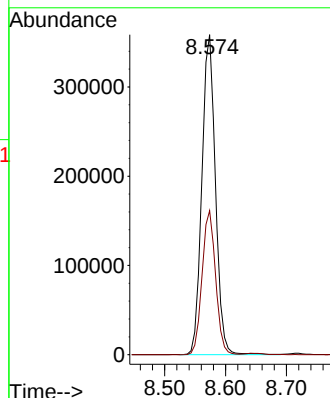
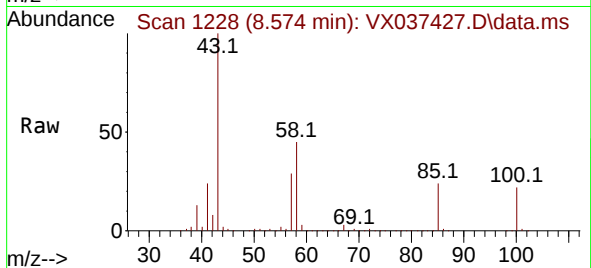
58 44.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#52

Toluene

Concen: 53.807 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037427.D

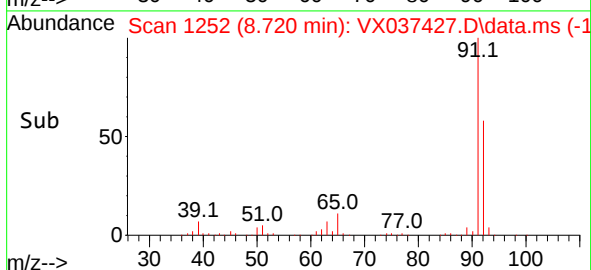
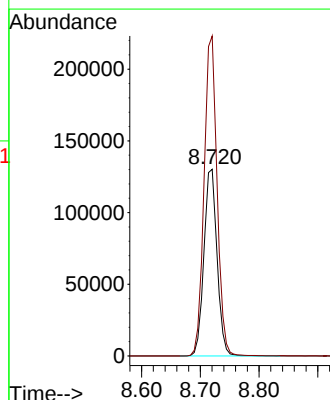
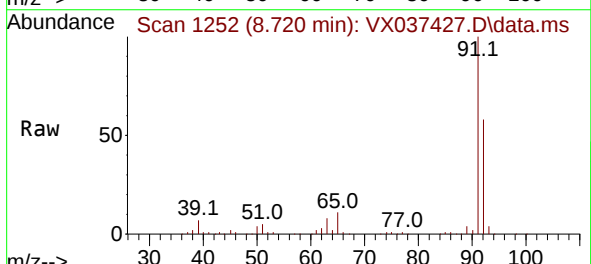
Acq: 31 Aug 2023 13:43

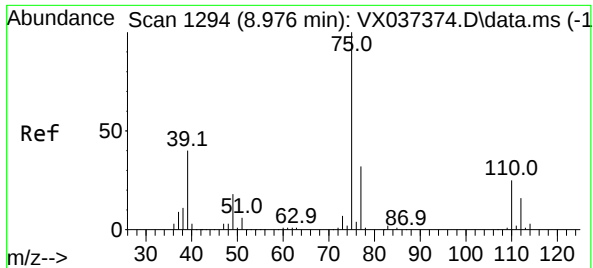
Tgt Ion: 92 Resp: 202743

Ion Ratio Lower Upper

92 100

91 169.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 57.086 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 128964

Ion Ratio Lower Upper

75 100

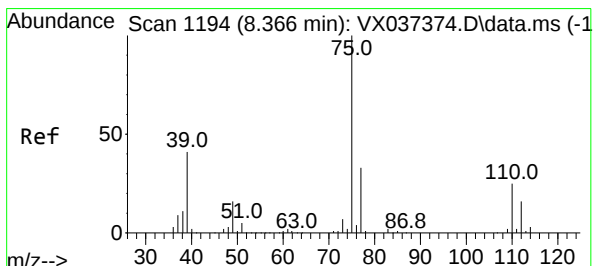
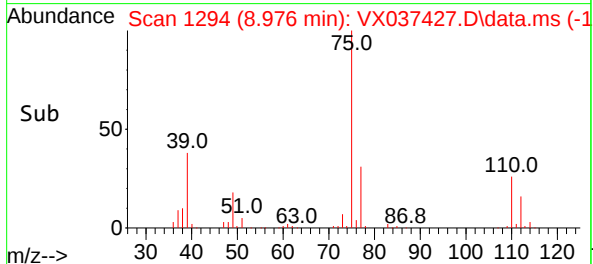
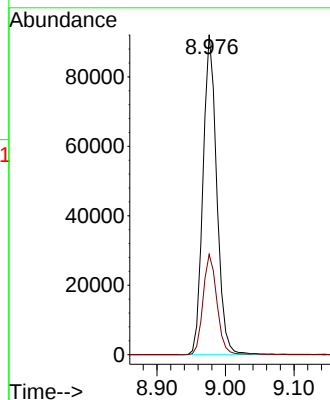
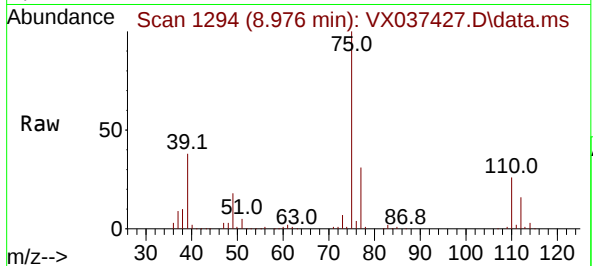
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#54

cis-1,3-Dichloropropene

Concen: 56.427 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

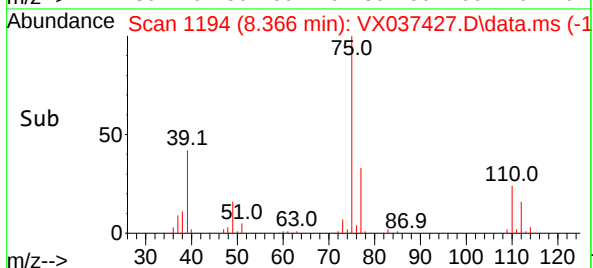
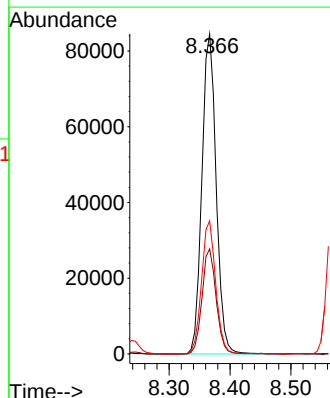
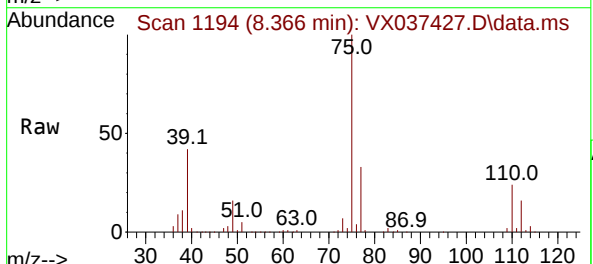
Tgt Ion: 75 Resp: 137757

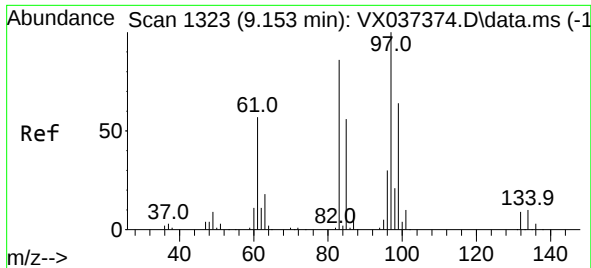
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

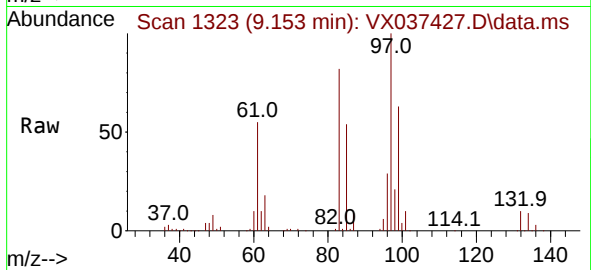
39 41.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 59.263 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

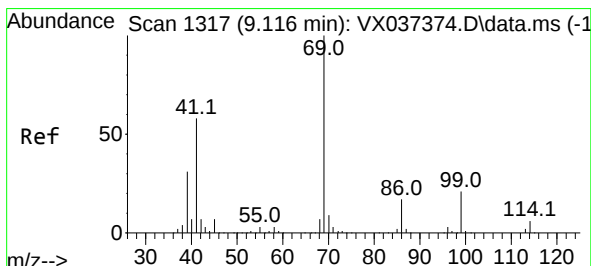
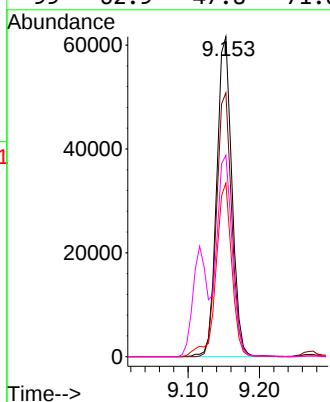
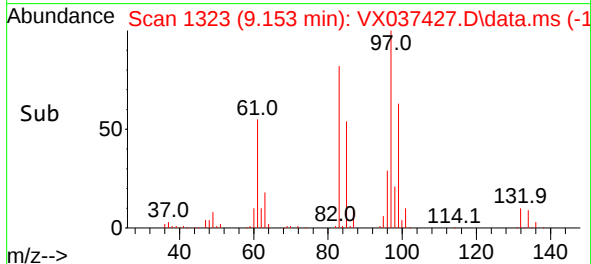
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



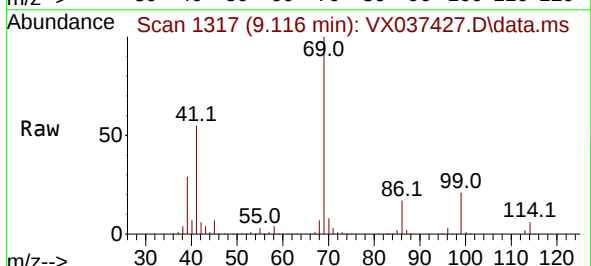
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.8
85	54.3	41.6	62.4
99	62.9	47.8	71.8

Manual Integrations
APPROVED

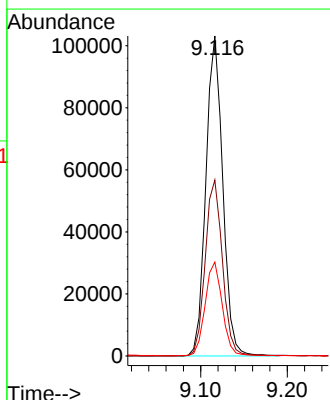
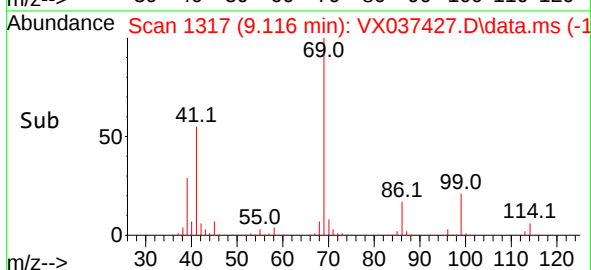
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

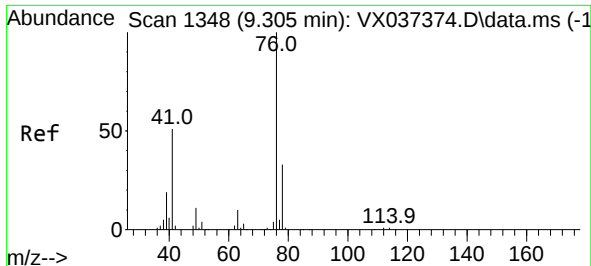


#56
Ethyl methacrylate
Concen: 58.134 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.1	56.8	85.2#
39	29.7	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 58.070 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 150190

Ion Ratio Lower Upper

76 100

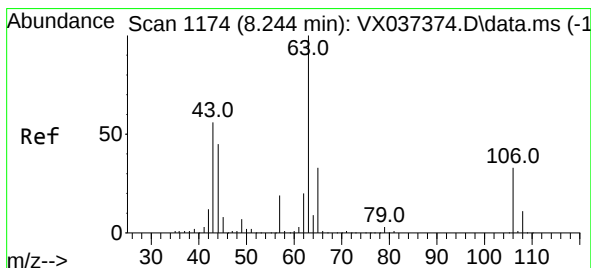
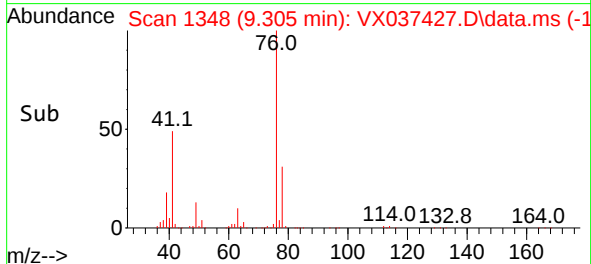
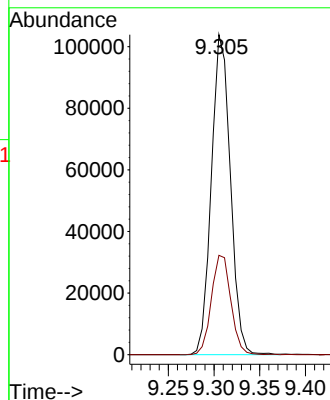
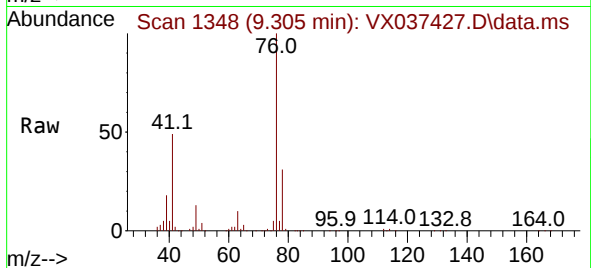
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.270 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037427.D

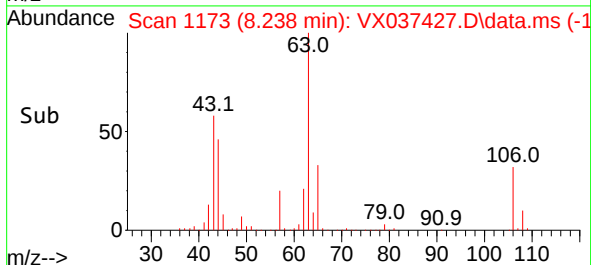
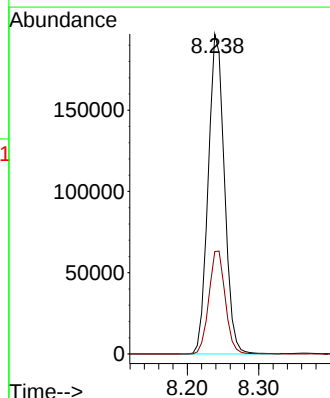
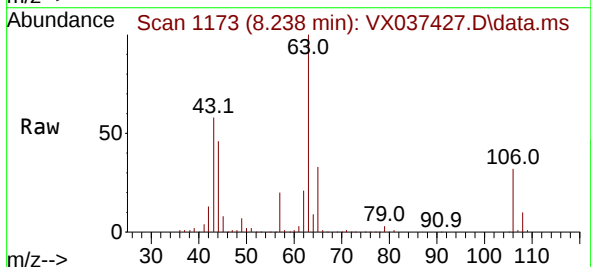
Acq: 31 Aug 2023 13:43

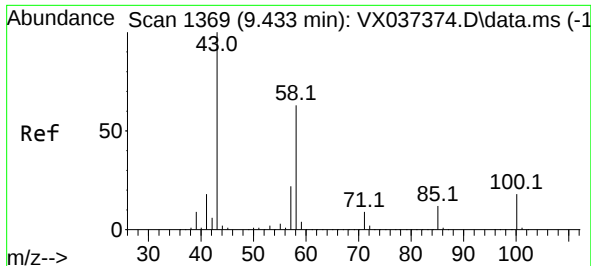
Tgt Ion: 63 Resp: 310551

Ion Ratio Lower Upper

63 100

106 32.5 22.5 33.7





#59

2-Hexanone

Concen: 288.106 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 430158

Ion Ratio Lower Upper

43 100

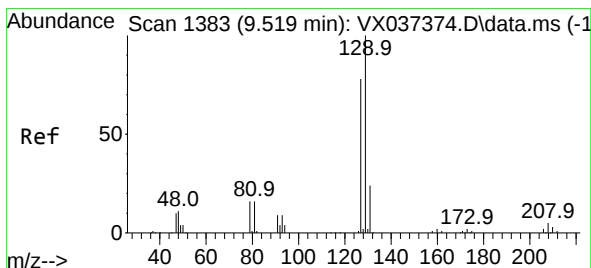
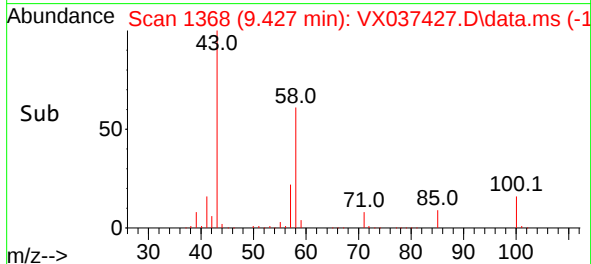
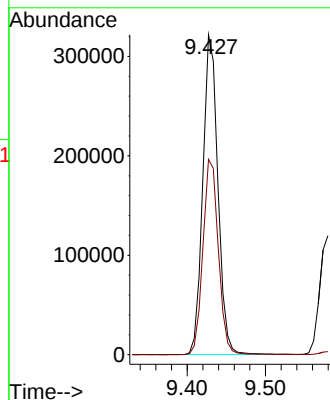
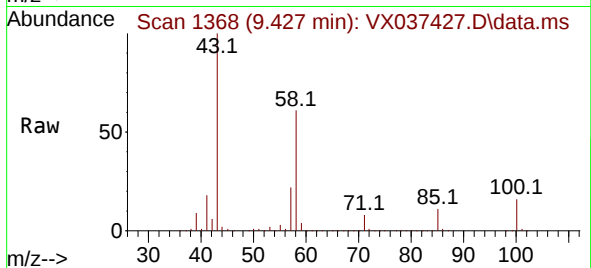
58 62.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#60

Dibromochloromethane

Concen: 59.076 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX037427.D

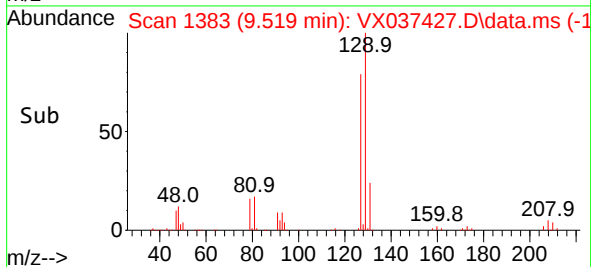
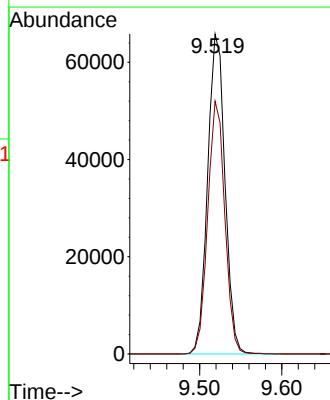
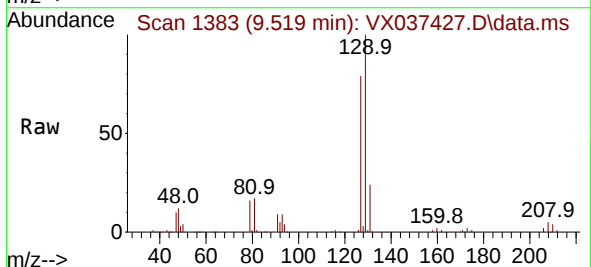
Acq: 31 Aug 2023 13:43

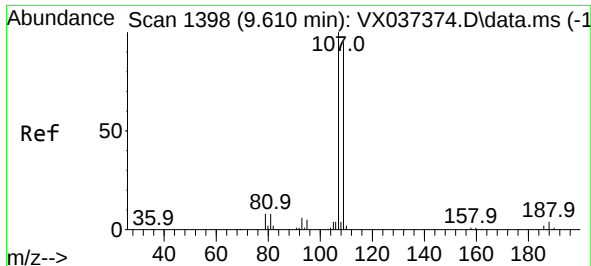
Tgt Ion:129 Resp: 96504

Ion Ratio Lower Upper

129 100

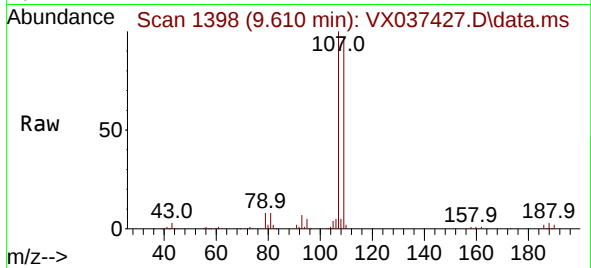
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.740 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

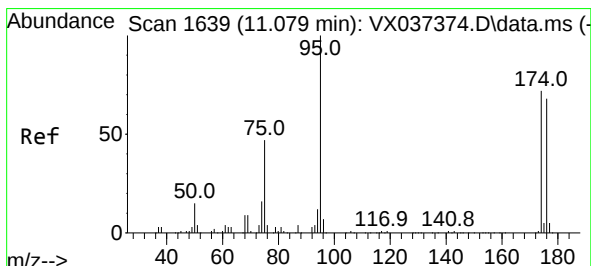
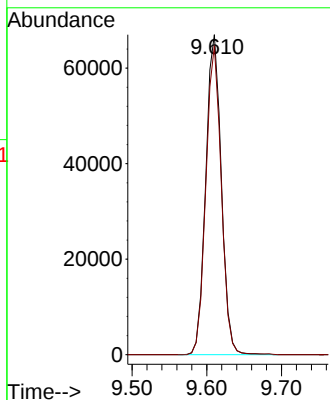
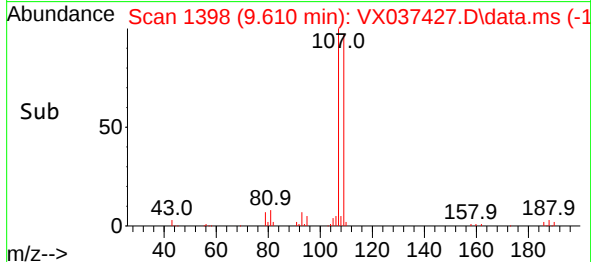
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 9699
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8

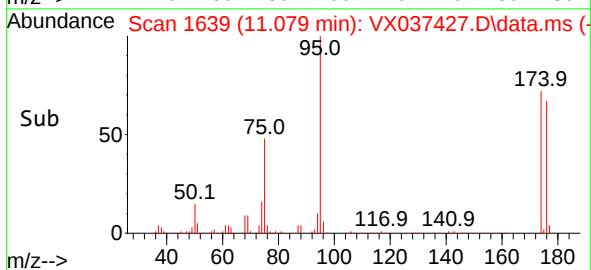
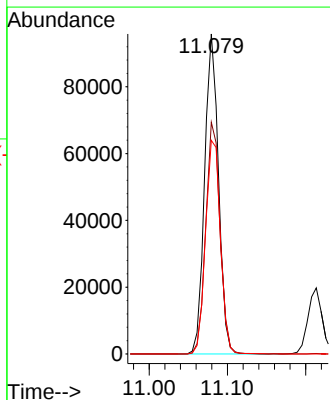
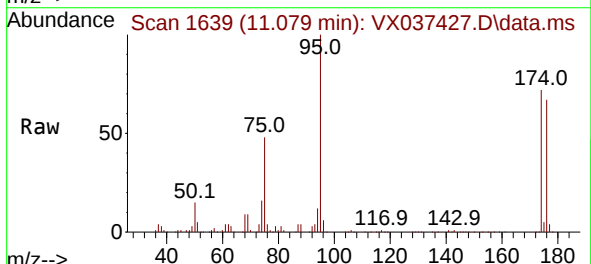
Manual Integrations
APPROVED

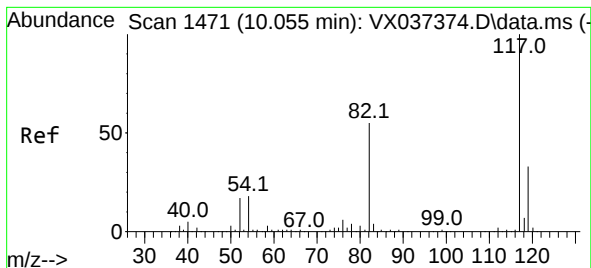
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#62
4-Bromofluorobenzene
Concen: 58.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

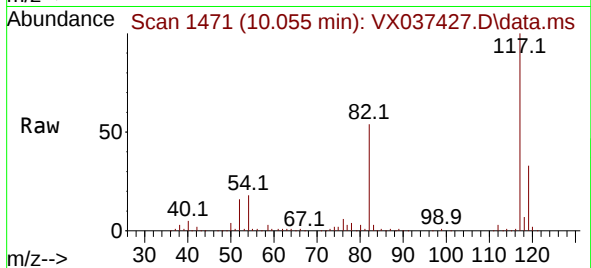
Tgt Ion: 95 Resp: 117641
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

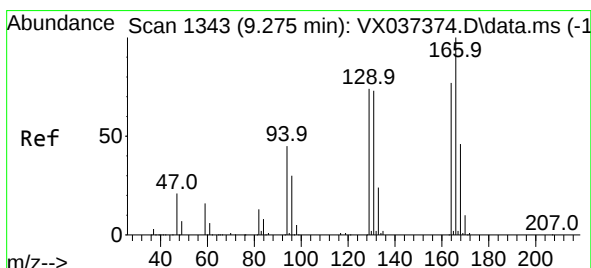
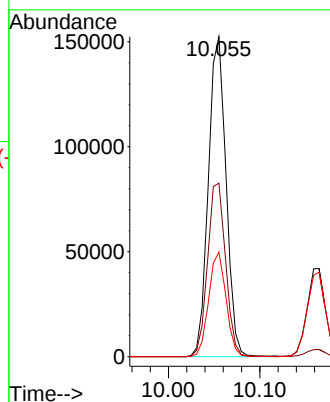
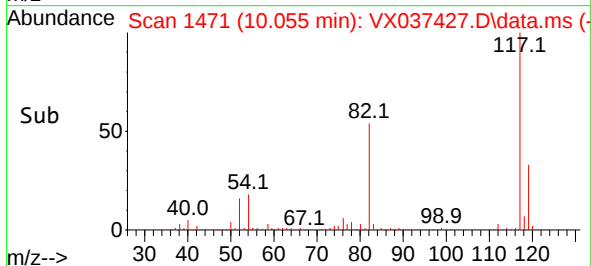
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 204389
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.7 25.5 38.3

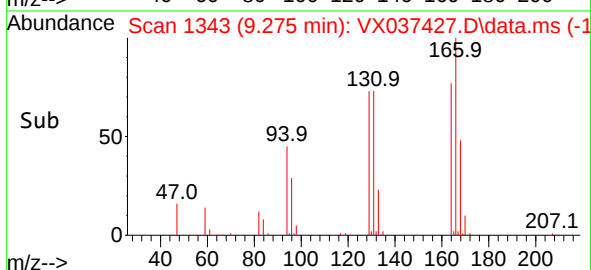
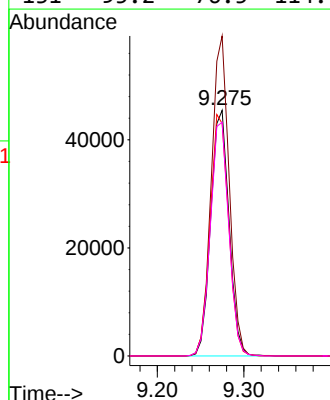
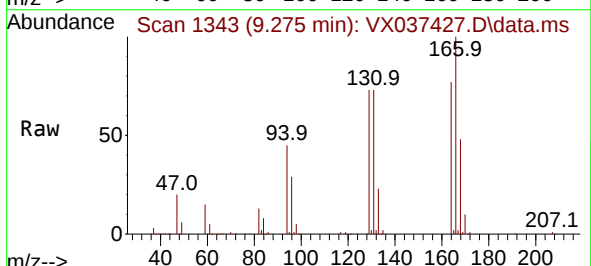
Manual Integrations
APPROVED

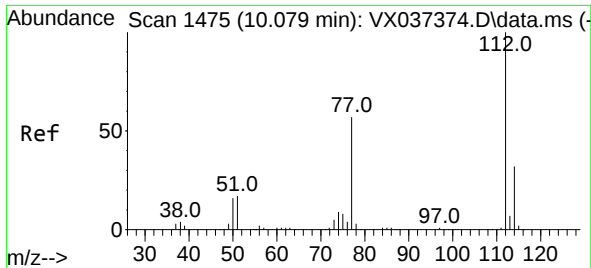
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#64
Tetrachloroethene
Concen: 44.676 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

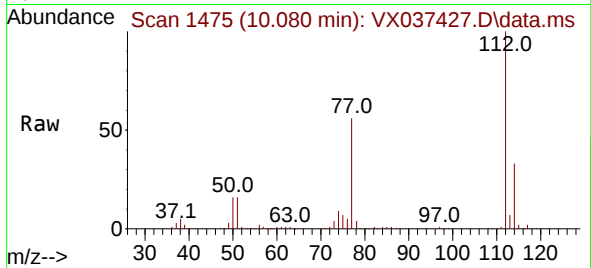
Tgt Ion:164 Resp: 66613
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 94.7 80.4 120.6
131 95.2 76.5 114.7





#65
Chlorobenzene
Concen: 52.857 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

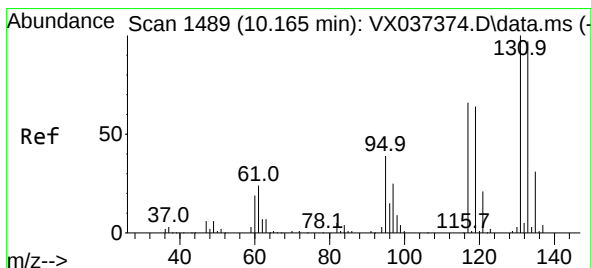
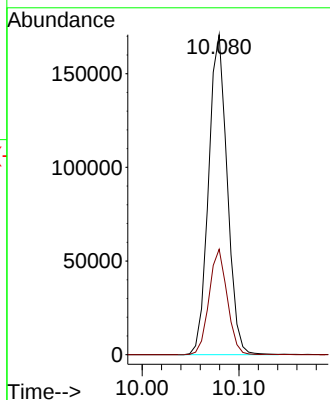
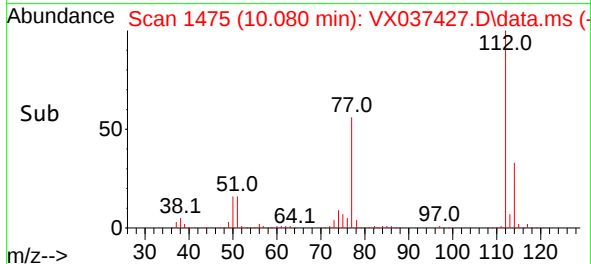
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



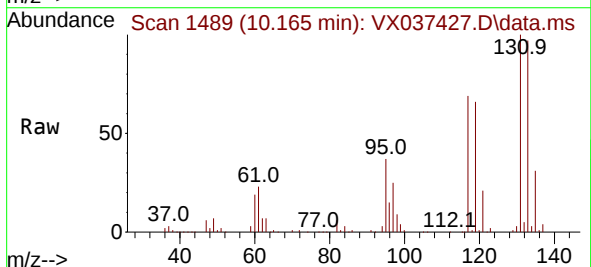
Tgt Ion:112 Resp: 228334
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

Manual Integrations
APPROVED

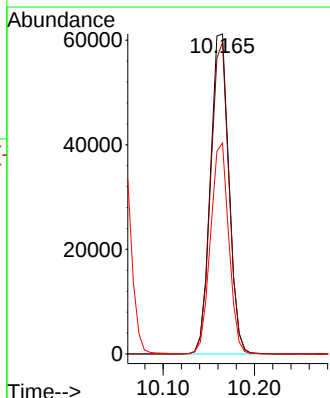
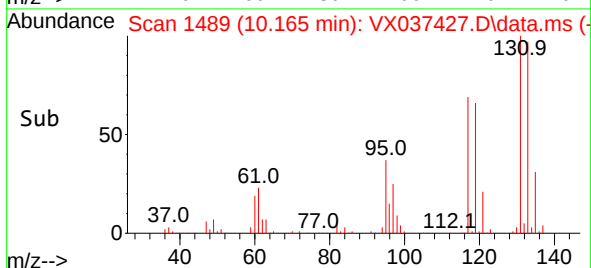
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

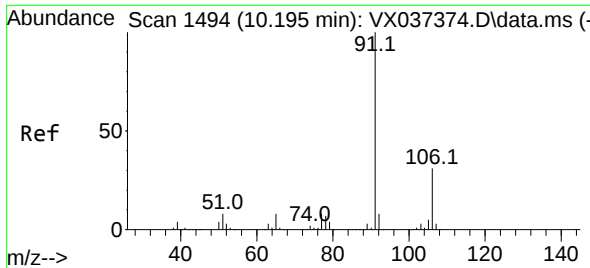


#66
1,1,1,2-Tetrachloroethane
Concen: 54.227 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



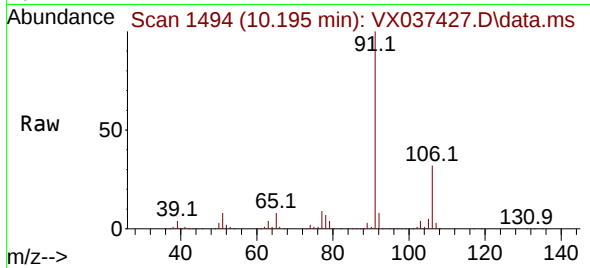
Tgt Ion:131 Resp: 86456
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.0 32.2 96.6





#67
Ethyl Benzene
Concen: 51.956 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

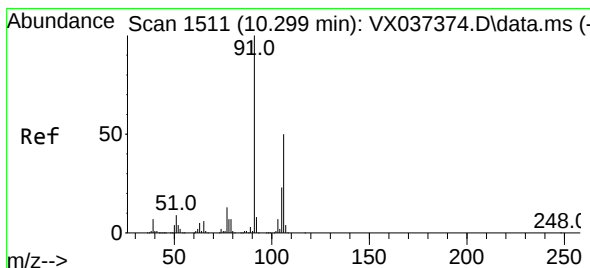
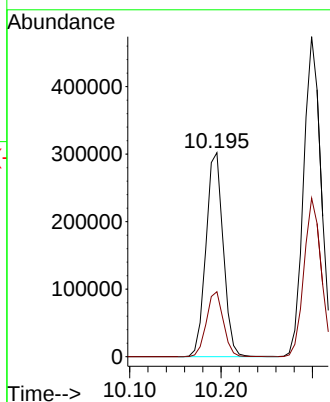
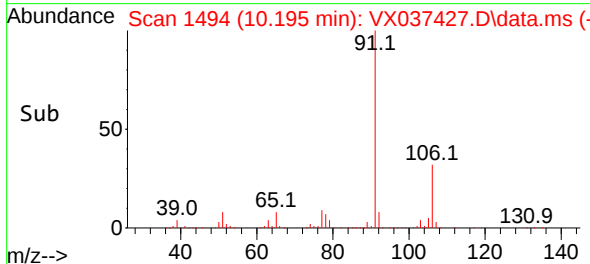
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



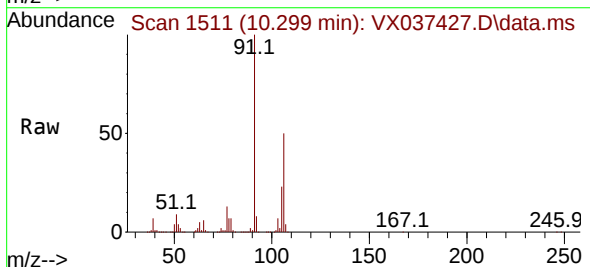
Tgt Ion: 91 Resp: 39493
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

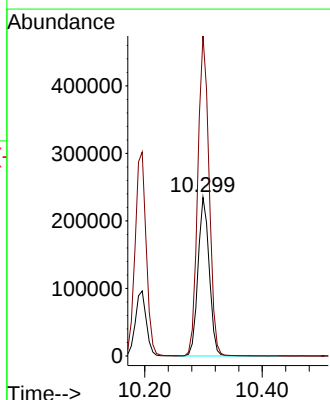
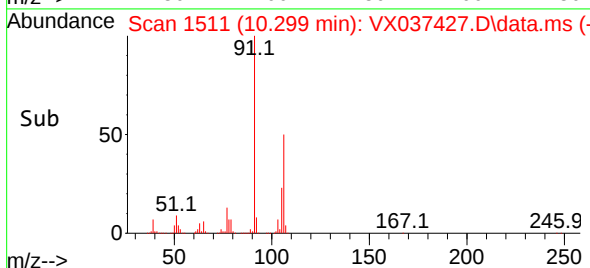
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

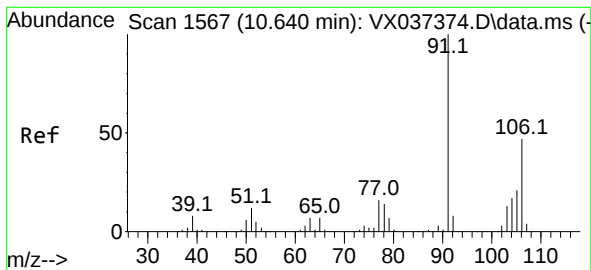


#68
m/p-Xylenes
Concen: 105.764 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



Tgt Ion:106 Resp: 310461
Ion Ratio Lower Upper
106 100
91 203.0 165.5 248.3





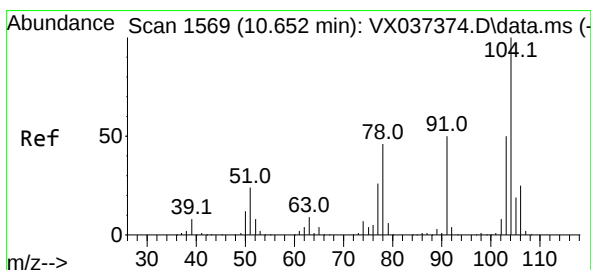
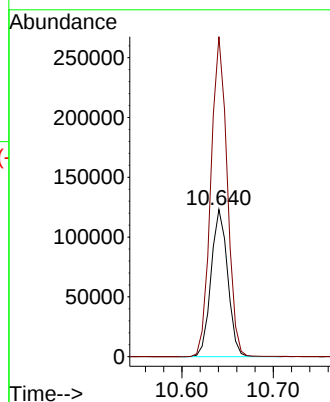
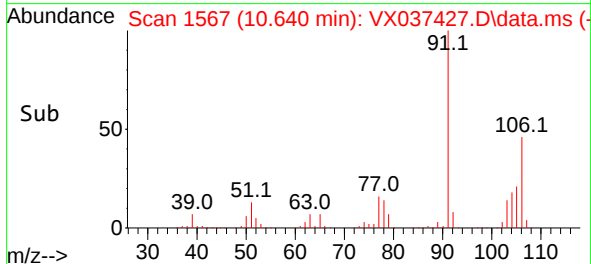
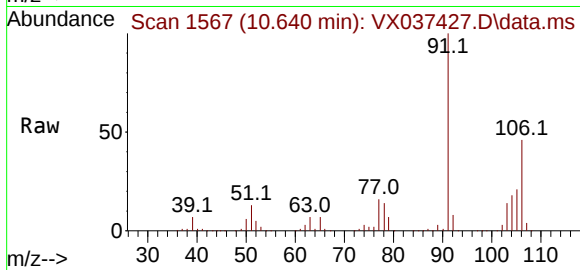
#69
o-Xylene
Concen: 53.558 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15511
Ion Ratio Lower Upper
106 100
91 214.2 108.9 326.8

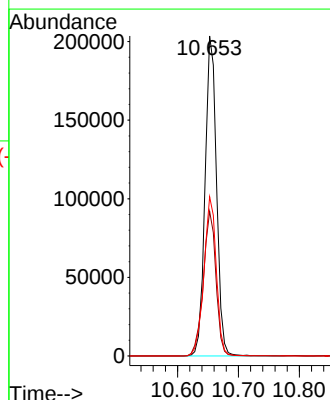
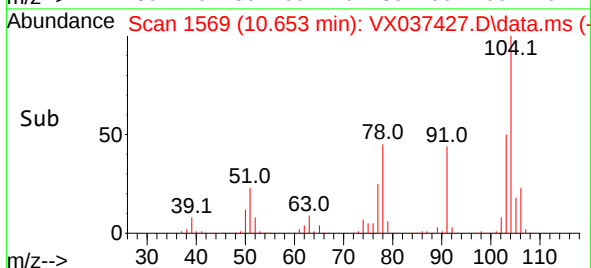
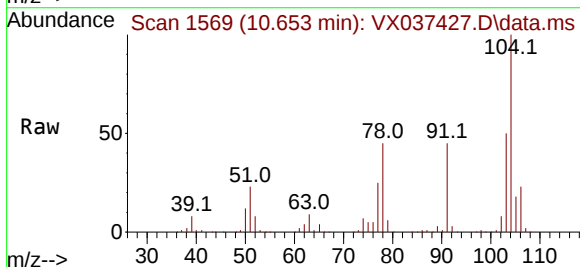
Manual Integrations
APPROVED

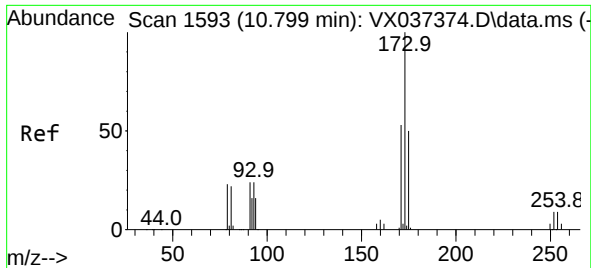
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Styrene
Concen: 56.001 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

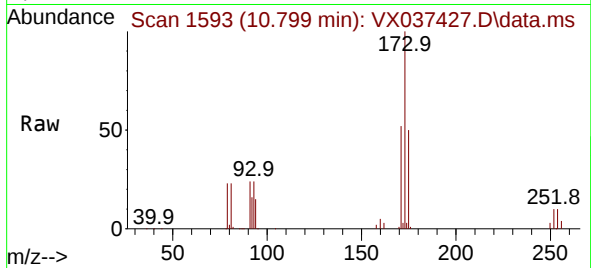
Tgt Ion:104 Resp: 267159
Ion Ratio Lower Upper
104 100
78 49.8 43.6 65.4
103 53.7 43.6 65.4





#71
Bromoform
Concen: 58.127 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

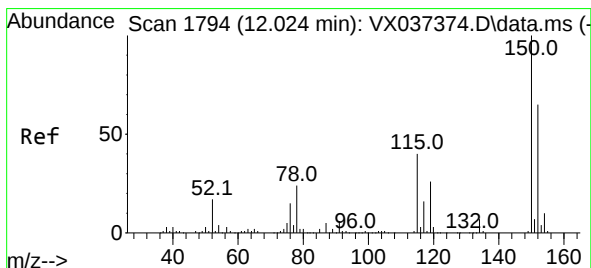
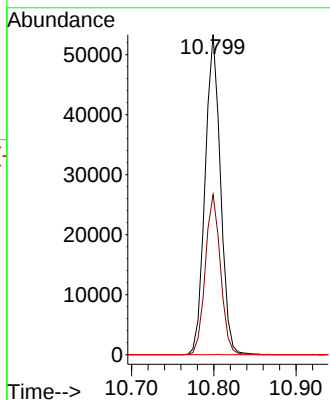
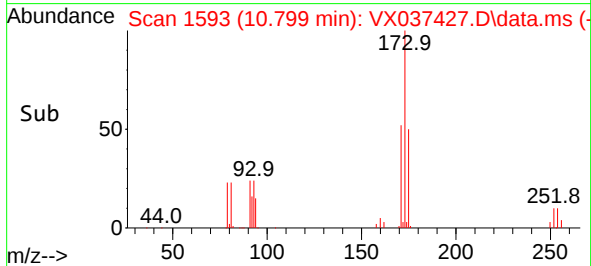
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 6932
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.4
254 0.0 0.0 0.0

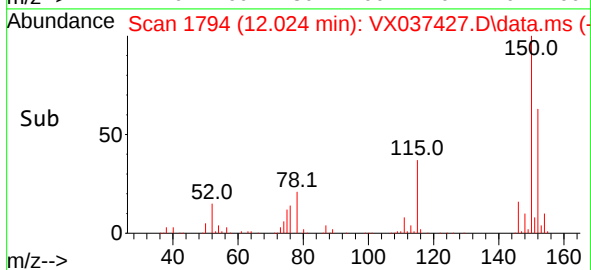
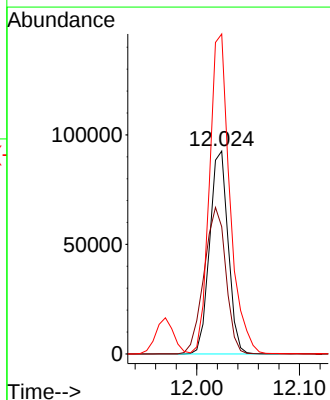
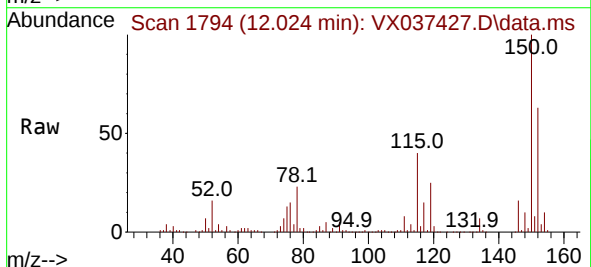
Manual Integrations
APPROVED

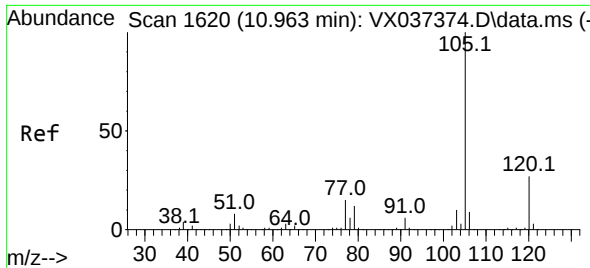
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Tgt Ion:152 Resp: 115210
Ion Ratio Lower Upper
152 100
115 85.9 43.3 129.9
150 174.3 0.0 345.0





#73
Isopropylbenzene
Concen: 47.318 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

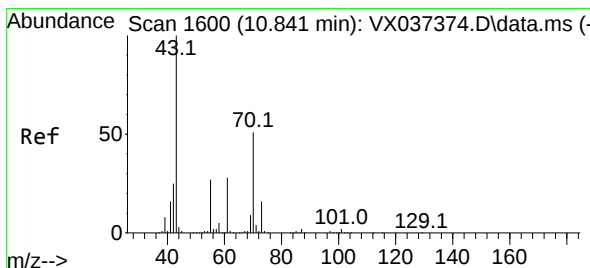
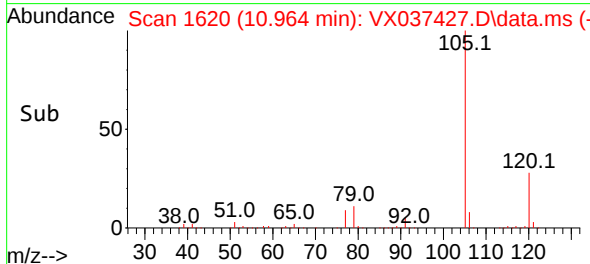
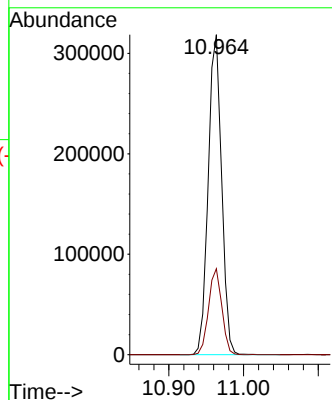
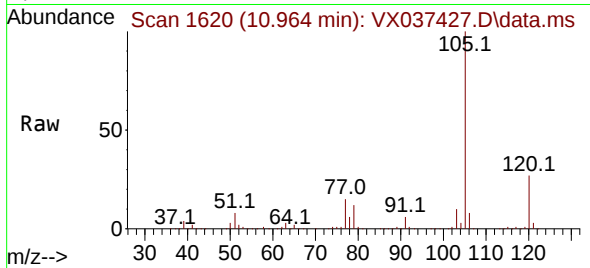
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 39624
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

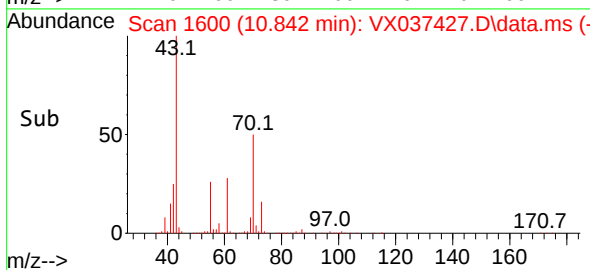
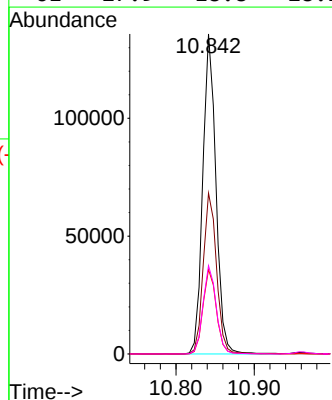
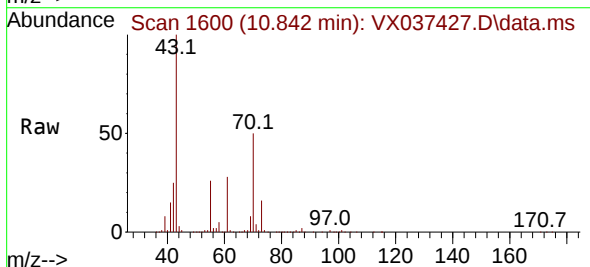
Manual Integrations
APPROVED

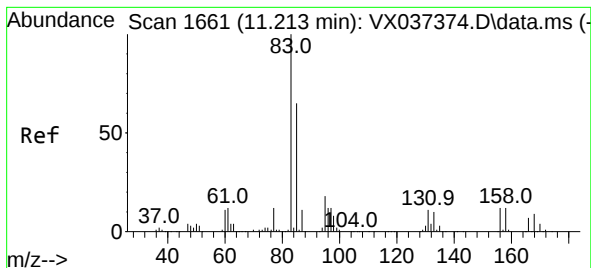
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#74
N-ethyl acetate
Concen: 48.656 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

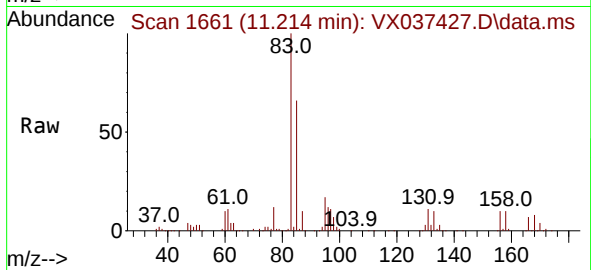
Tgt Ion: 43 Resp: 158319
Ion Ratio Lower Upper
43 100
70 50.9 32.9 49.3#
55 27.0 19.3 28.9
61 27.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.570 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

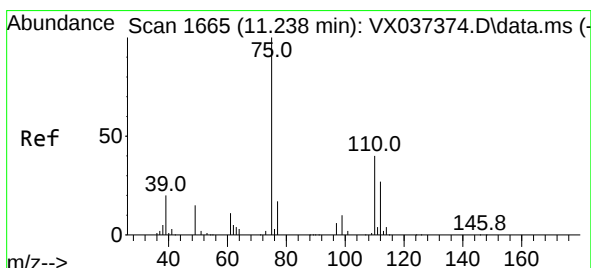
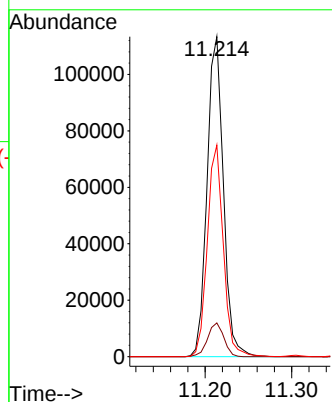
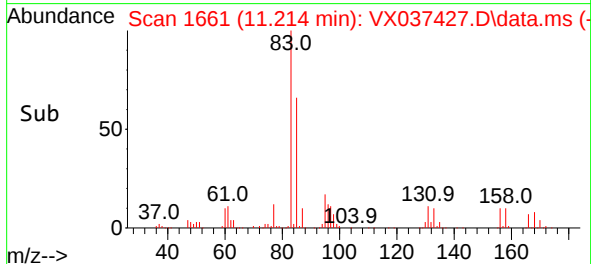
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



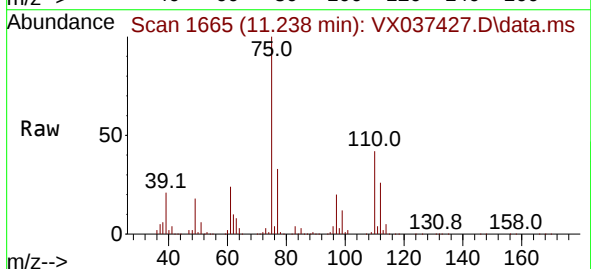
Tgt Ion: 83 Resp: 14825
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 64.9 32.0 96.2

Manual Integrations
APPROVED

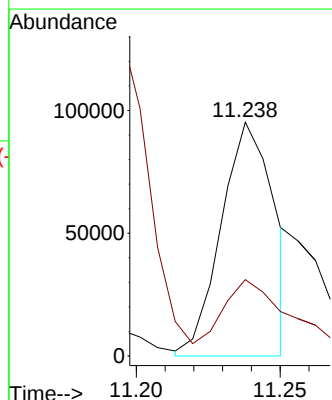
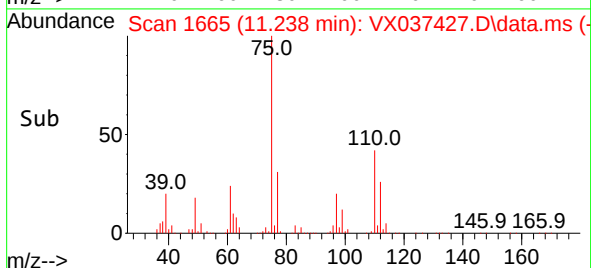
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

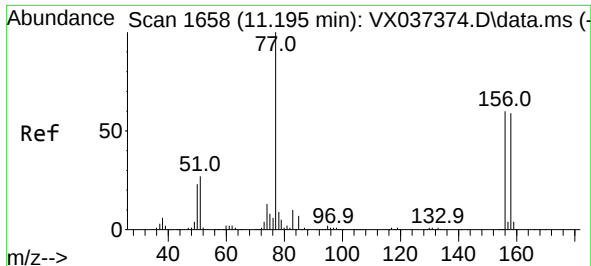


#76
1,2,3-Trichloropropane
Concen: 49.720 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



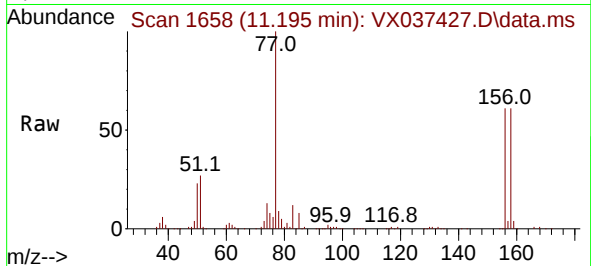
Tgt Ion: 75 Resp: 121992
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77
Bromobenzene
Concen: 49.369 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

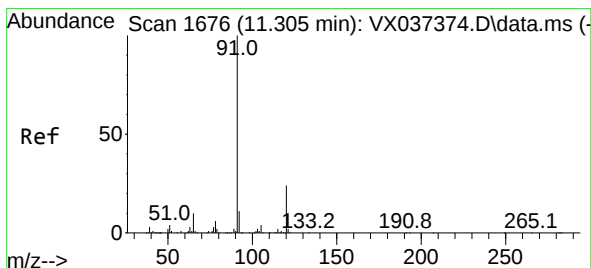
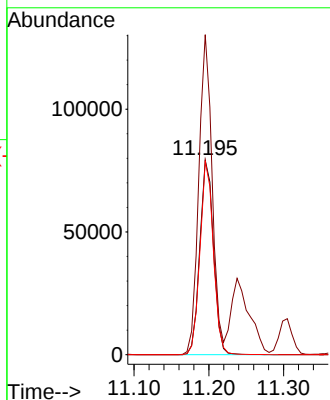
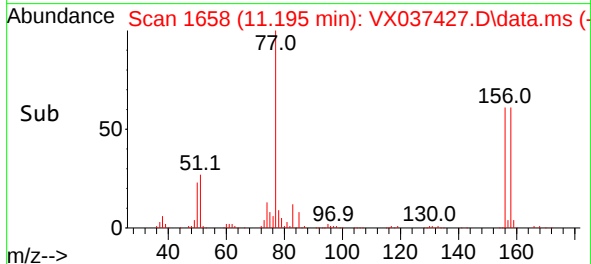
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



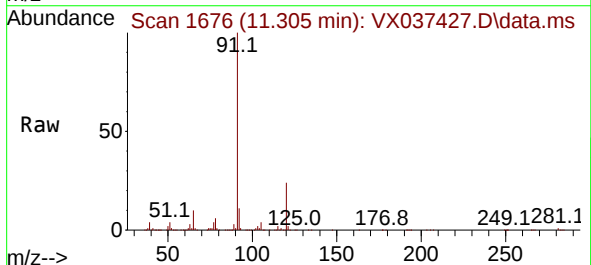
Tgt Ion:156 Resp: 10096
Ion Ratio Lower Upper
156 100
77 160.2 88.4 265.3
158 97.3 48.0 144.0

Manual Integrations
APPROVED

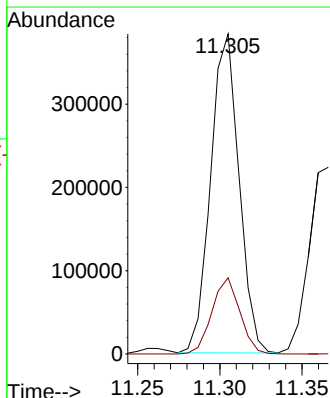
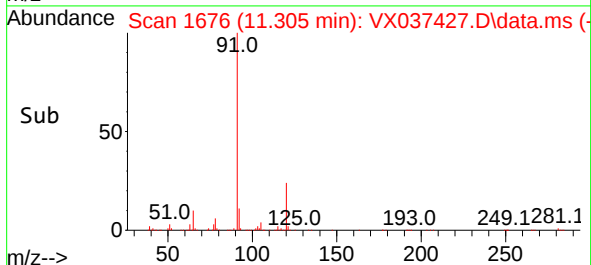
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

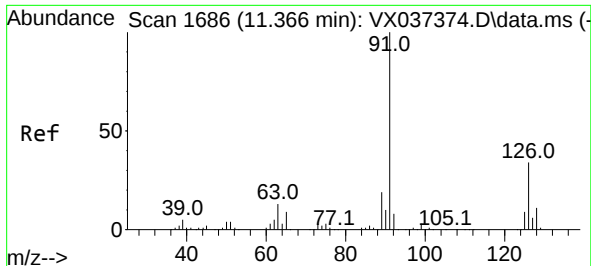


#78
n-propylbenzene
Concen: 49.358 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



Tgt Ion: 91 Resp: 460242
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





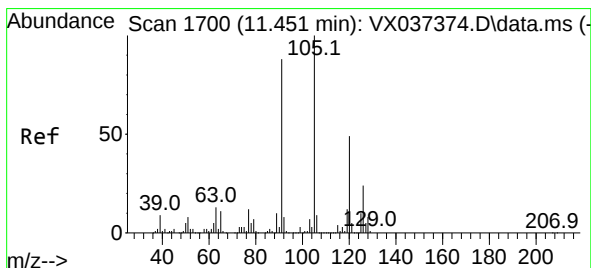
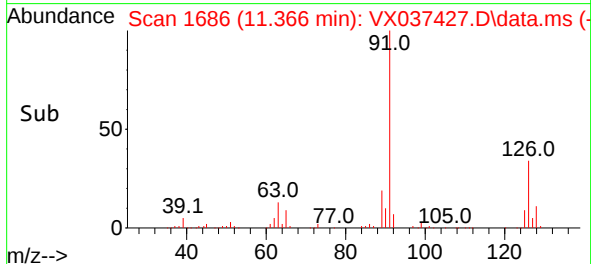
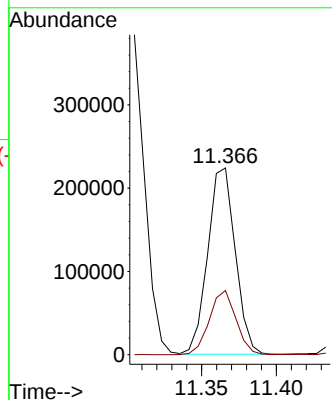
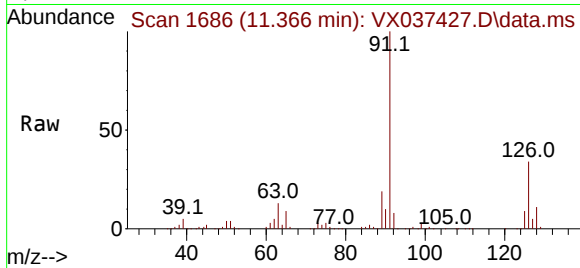
#79
2-Chlorotoluene
Concen: 48.153 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 286930
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

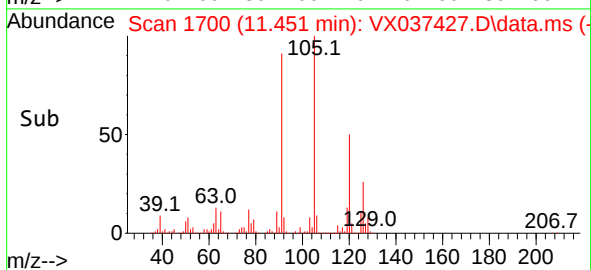
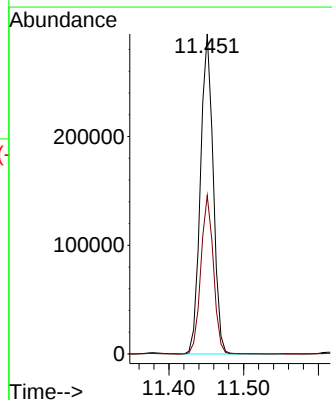
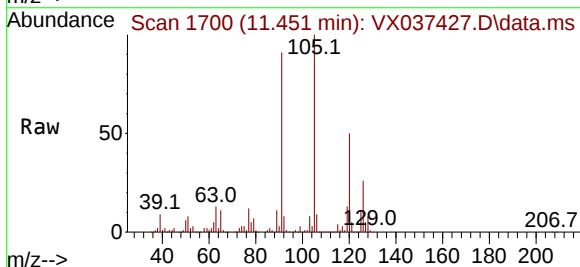
Manual Integrations
APPROVED

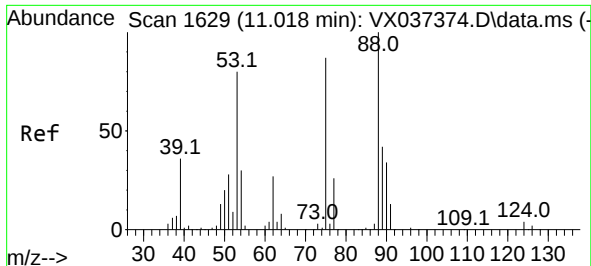
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.767 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

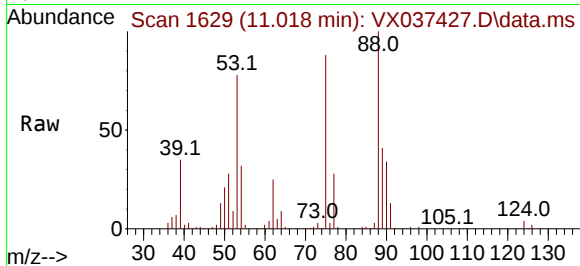
Tgt Ion:105 Resp: 347645
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.472 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

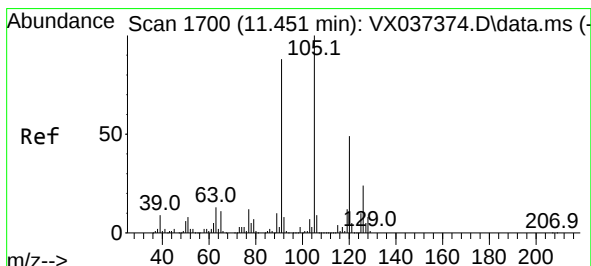
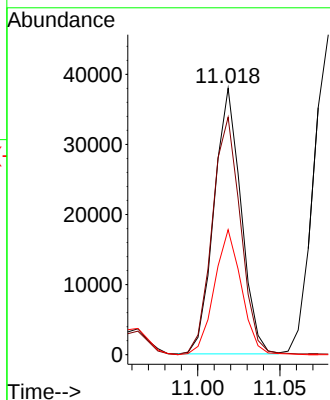
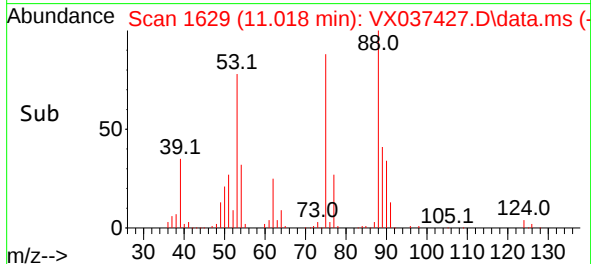
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 43459
Ion Ratio Lower Upper
75 100
53 94.4 90.5 135.7
89 47.1 36.9 55.3

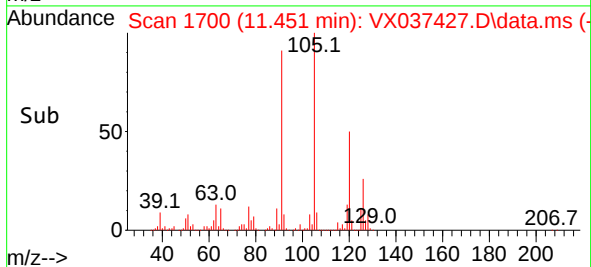
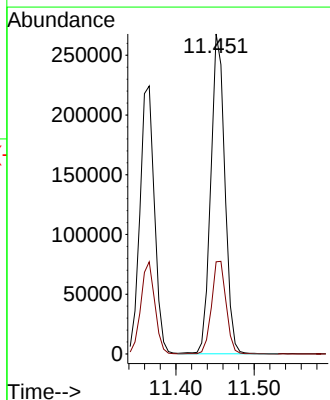
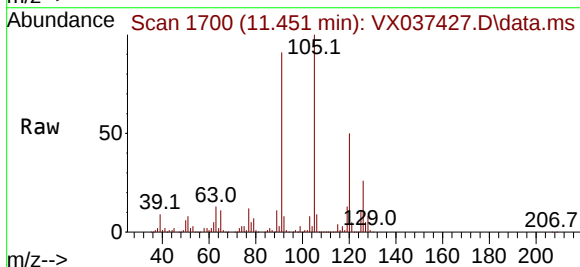
Manual Integrations
APPROVED

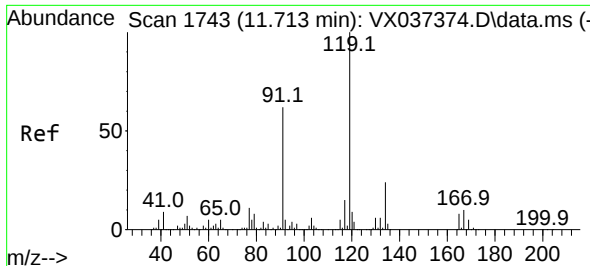
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#82
4-Chlorotoluene
Concen: 48.450 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

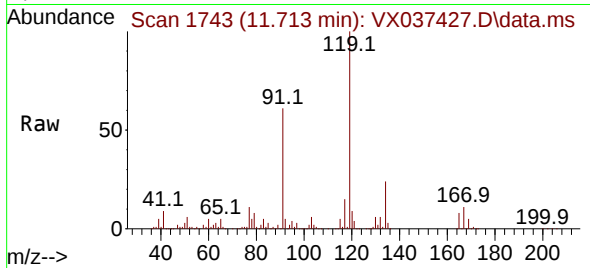
Tgt Ion: 91 Resp: 333265
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.004 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

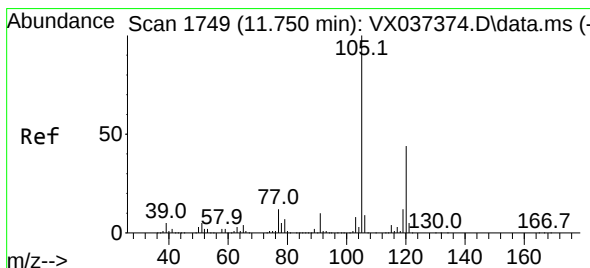
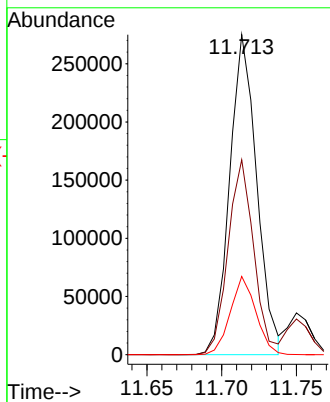
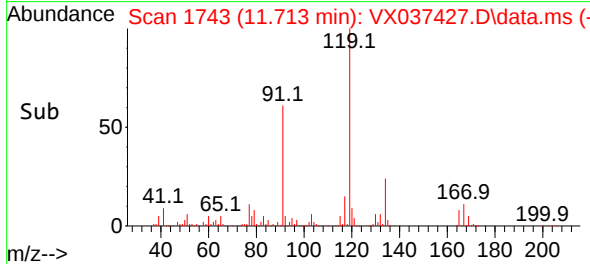
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 346440
Ion Ratio Lower Upper
119 100
91 58.0 31.2 93.6
134 23.1 11.7 35.0

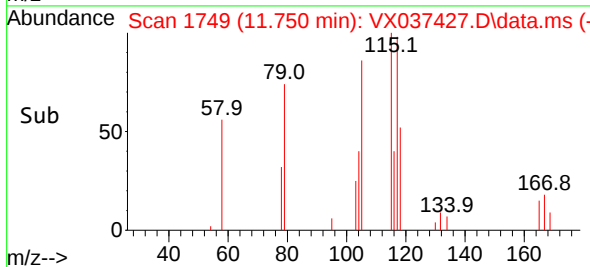
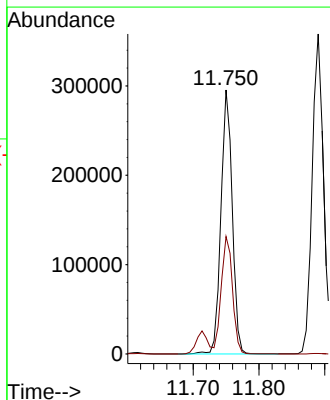
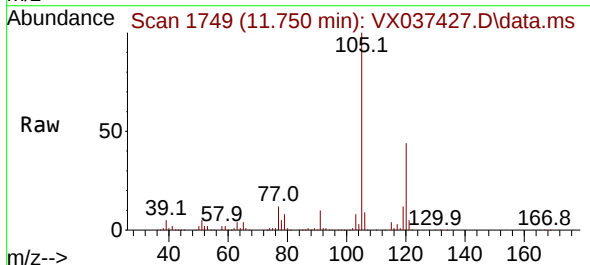
Manual Integrations
APPROVED

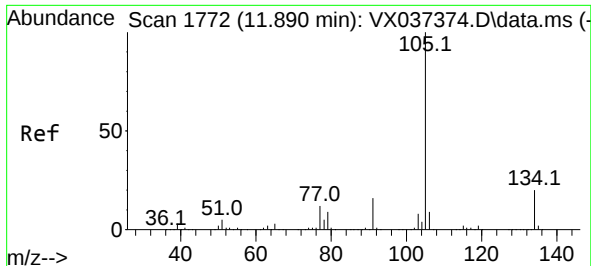
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.004 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

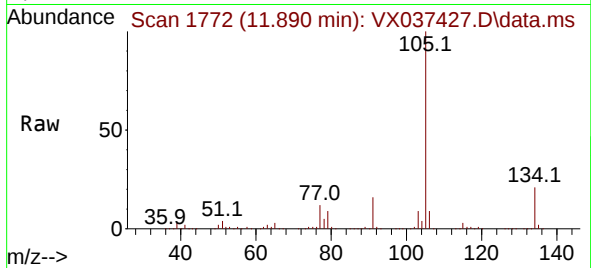
Tgt Ion:105 Resp: 353019
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.735 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037427.D
 Acq: 31 Aug 2023 13:43

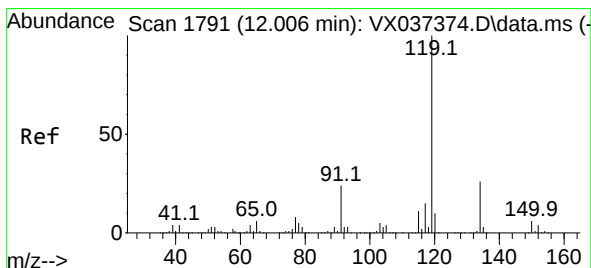
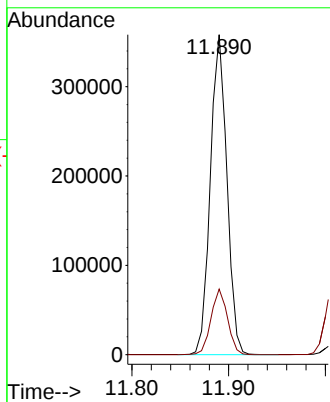
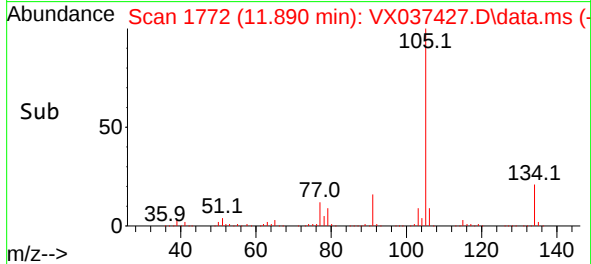
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



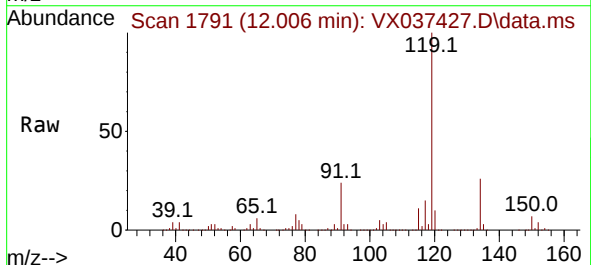
Tgt Ion:105 Resp: 425920
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

Manual Integrations
 APPROVED

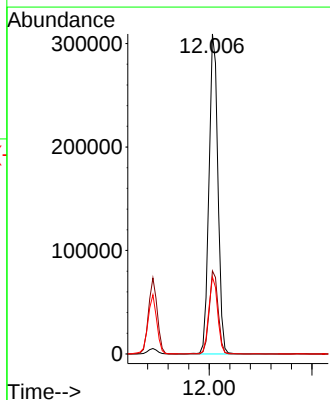
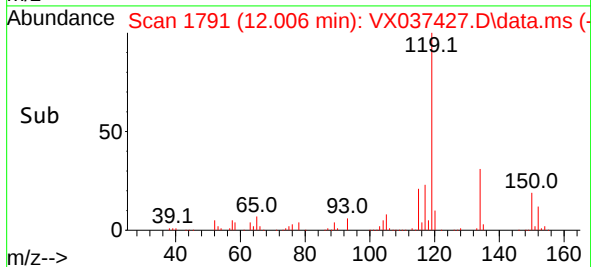
Reviewed By :John Carlone 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023

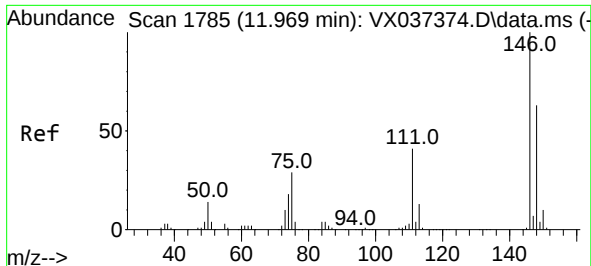


#86
 p-Isopropyltoluene
 Concen: 55.495 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037427.D
 Acq: 31 Aug 2023 13:43



Tgt Ion:119 Resp: 371739
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.998 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037427.D

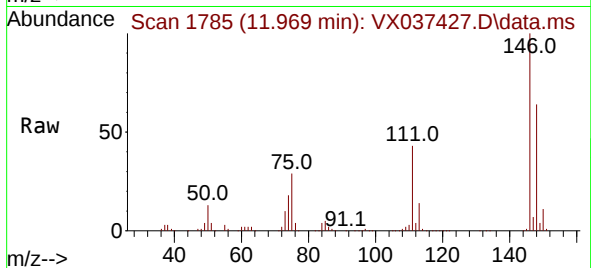
Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 195269

Ion Ratio Lower Upper

146 100

111 42.6 22.1 66.1

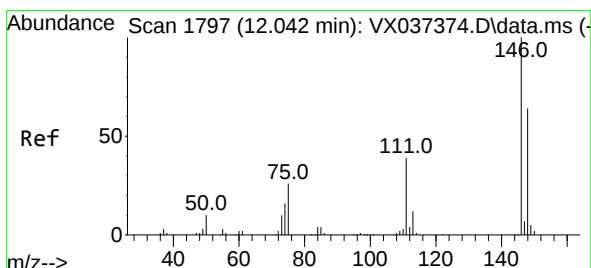
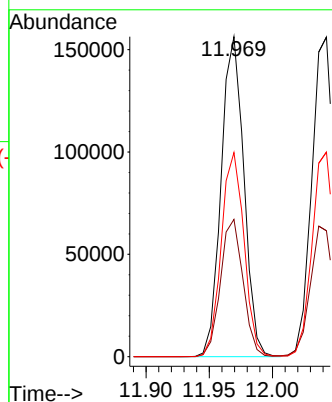
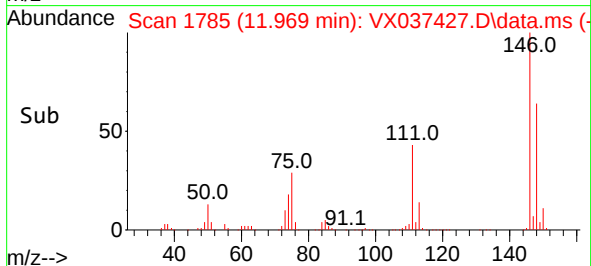
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,4-Dichlorobenzene

Concen: 50.334 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

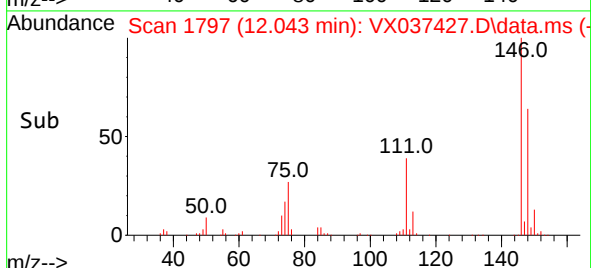
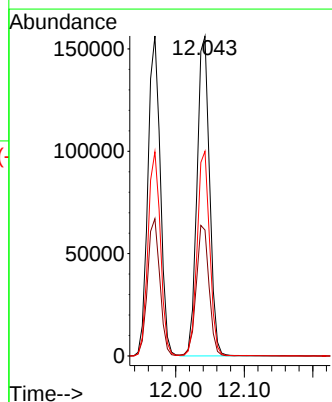
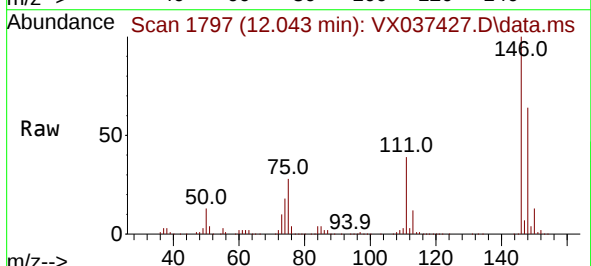
Tgt Ion:146 Resp: 199121

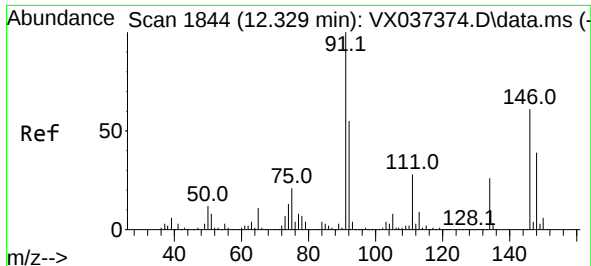
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 58.401 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037427.D

Acq: 31 Aug 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32434

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.0

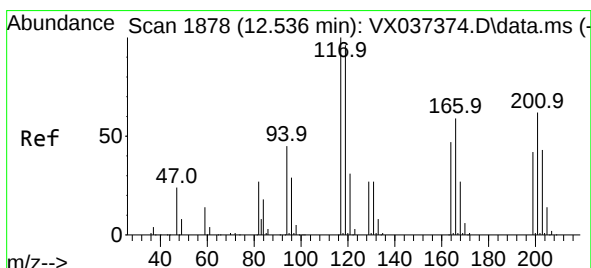
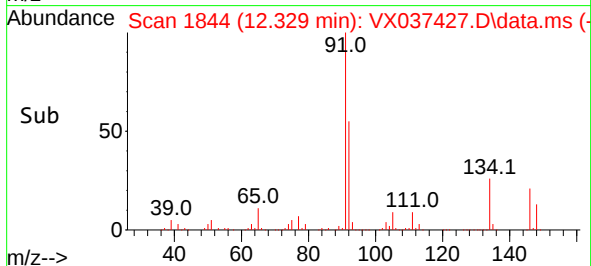
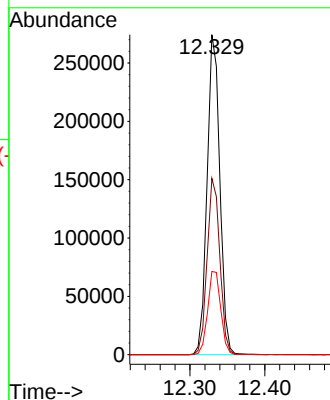
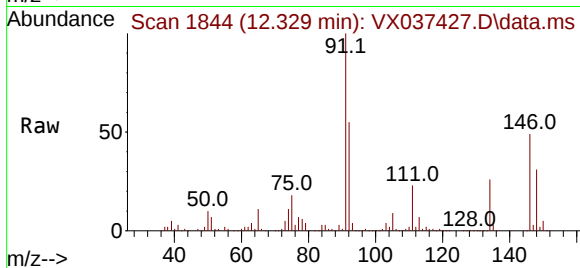
134 26.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#90

Hexachloroethane

Concen: 56.484 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037427.D

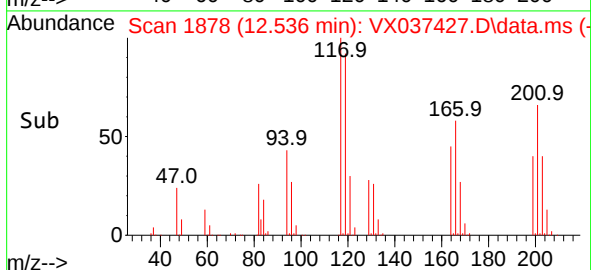
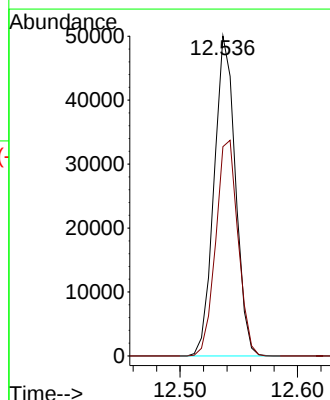
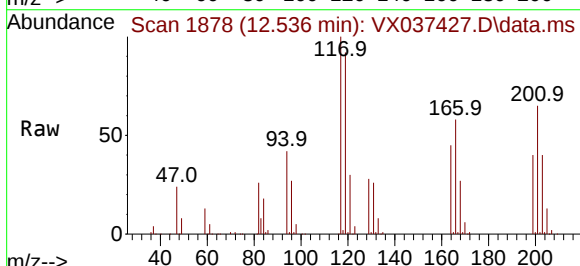
Acq: 31 Aug 2023 13:43

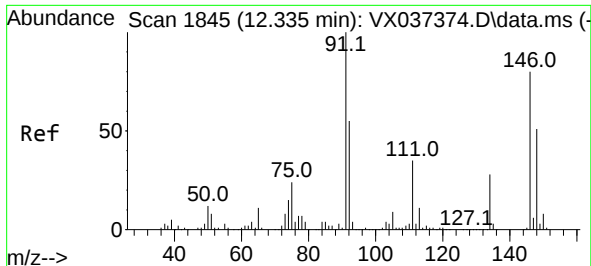
Tgt Ion:117 Resp: 63153

Ion Ratio Lower Upper

117 100

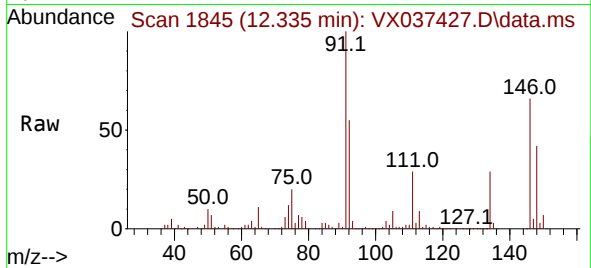
201 70.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.891 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

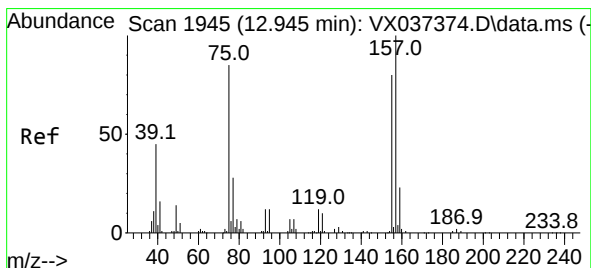
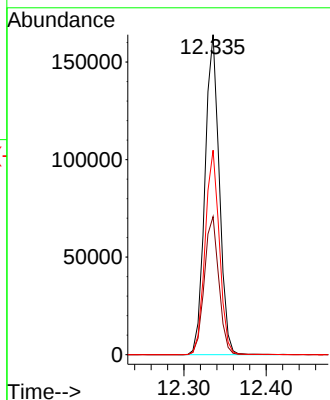
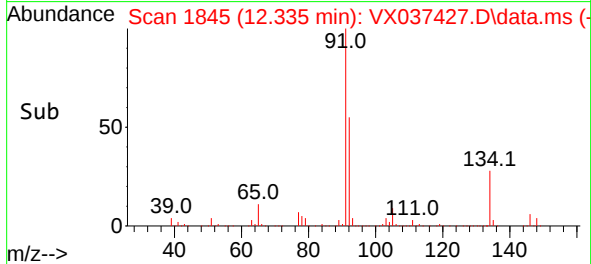
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



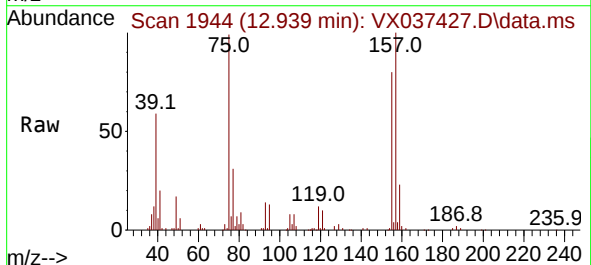
Tgt Ion:146 Resp: 198309
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
APPROVED

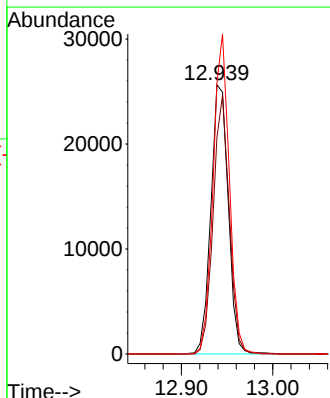
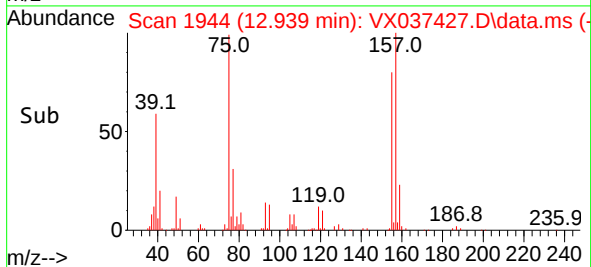
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

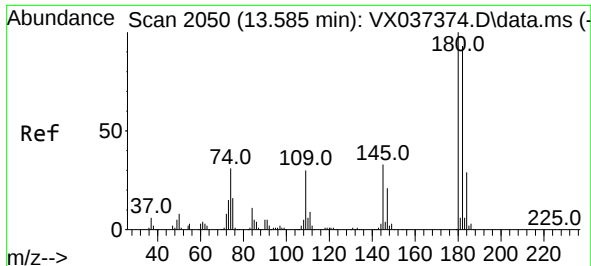


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.661 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



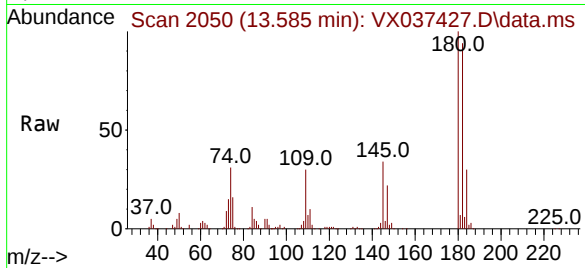
Tgt Ion: 75 Resp: 33853
Ion Ratio Lower Upper
75 100
155 89.1 36.1 108.5
157 110.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 59.496 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

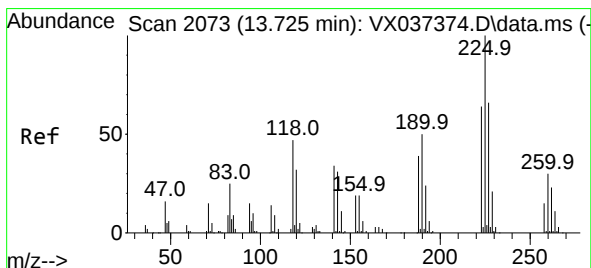
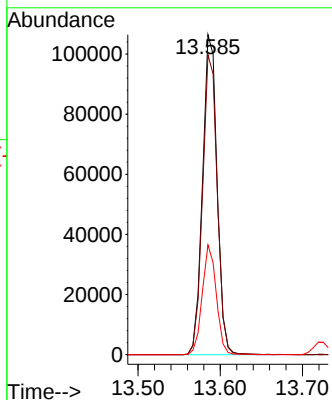
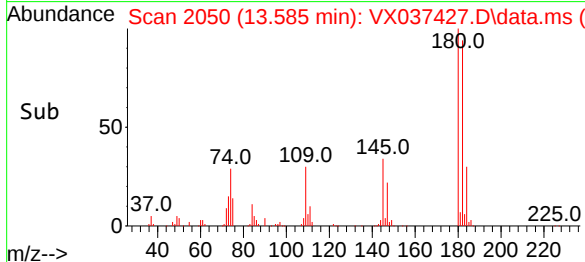
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



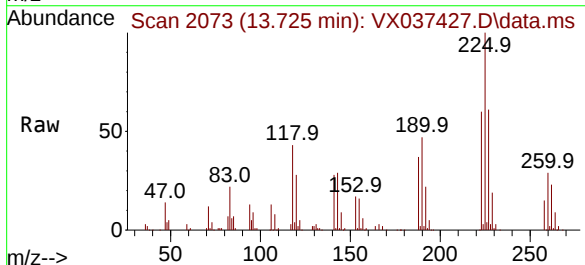
Tgt Ion:180 Resp: 130529
Ion Ratio Lower Upper
180 100
182 94.3 48.3 144.8
145 33.1 18.0 54.0

Manual Integrations
APPROVED

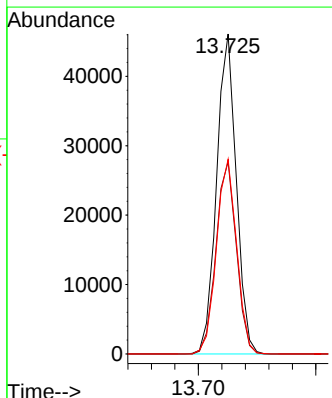
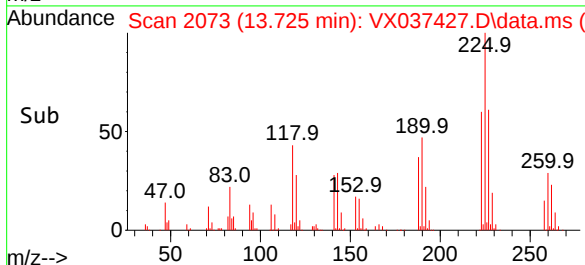
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

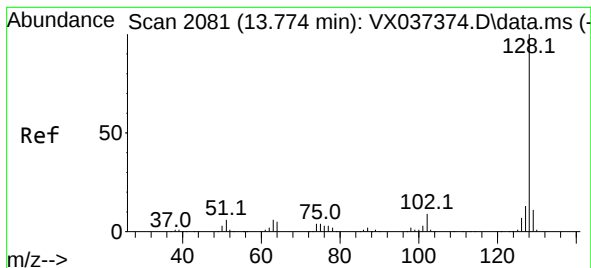


#94
Hexachlorobutadiene
Concen: 63.245 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



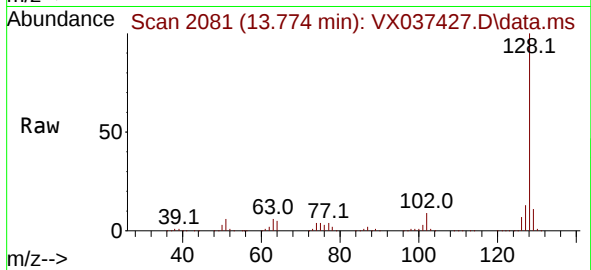
Tgt Ion:225 Resp: 53602
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.2
227 62.5 32.5 97.5





#95
Naphthalene
Concen: 47.139 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43

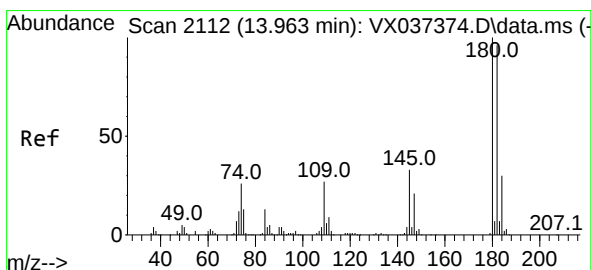
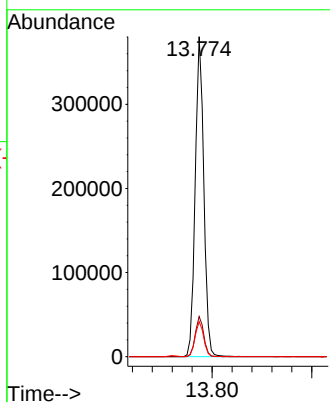
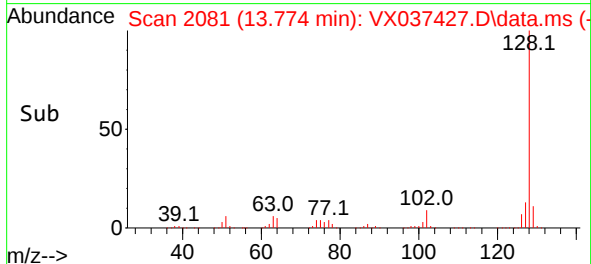
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



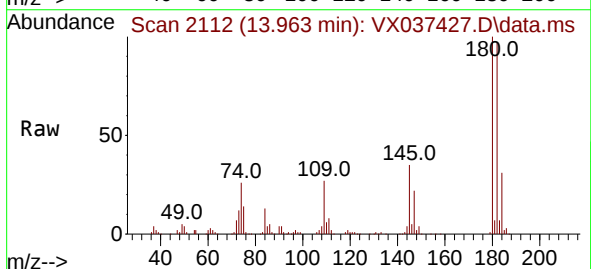
Tgt Ion:128 Resp: 453000
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 58.145 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037427.D
Acq: 31 Aug 2023 13:43



Tgt Ion:180 Resp: 126735
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.6
145 35.5 17.8 53.5

