

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038347.D
 Acq On : 18 Oct 2023 08:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 19 01:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141367	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	236528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101268	44.537	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.080%		
35) Dibromofluoromethane	5.379	113	83920	49.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.480%		
50) Toluene-d8	8.647	98	323297	49.641	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	132664	53.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	67813	49.696	ug/l	98
3) Chloromethane	1.295	50	66754	47.998	ug/l	96
4) Vinyl Chloride	1.374	62	86033	55.793	ug/l	97
5) Bromomethane	1.593	94	112061	55.425	ug/l	100
6) Chloroethane	1.679	64	64727	56.673	ug/l	100
7) Trichlorofluoromethane	1.886	101	171493	56.305	ug/l	99
8) Diethyl Ether	2.130	74	60533	53.289	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	71553	53.813	ug/l	96
10) Methyl Iodide	2.453	142	90850	47.487	ug/l	94
11) Tert butyl alcohol	2.953	59	109271	216.202	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	67329	52.056	ug/l	87
13) Acrolein	2.233	56	50367	155.817	ug/l	100
14) Allyl chloride	2.660	41	108008	46.687	ug/l	# 91
15) Acrylonitrile	3.056	53	240448	232.371	ug/l	99
16) Acetone	2.374	43	279275	294.293	ug/l	92
17) Carbon Disulfide	2.508	76	172388	46.244	ug/l	98
18) Methyl Acetate	2.697	43	196179	48.207	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	250321	48.595	ug/l	98
20) Methylene Chloride	2.788	84	79721	44.662	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	80241	50.106	ug/l	92
22) Diisopropyl ether	3.751	45	240206	49.541	ug/l	95
23) Vinyl Acetate	3.715	43	885787	249.117	ug/l	97
24) 1,1-Dichloroethane	3.605	63	139003	47.239	ug/l	100
25) 2-Butanone	4.544	43	377090	246.281	ug/l	94
26) 2,2-Dichloropropane	4.471	77	117966	51.349	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	95436	50.039	ug/l	90
28) Bromochloromethane	4.891	49	67108	50.520	ug/l	86
29) Tetrahydrofuran	4.995	42	232820	233.552	ug/l	90
30) Chloroform	5.093	83	166031	51.599	ug/l	100
31) Cyclohexane	5.465	56	122537	49.741	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	140125	50.842	ug/l	99
36) 1,1-Dichloropropene	5.690	75	118522	50.430	ug/l	98
37) Ethyl Acetate	4.702	43	134128	48.053	ug/l	97
38) Carbon Tetrachloride	5.672	117	122090	52.806	ug/l	100
39) Methylcyclohexane	7.379	83	147844	53.705	ug/l	93
40) Benzene	6.038	78	338028	51.423	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	66856	48.148	ug/l #	86
42) 1,2-Dichloroethane	6.080	62	131503	50.070	ug/l	99
43) Isopropyl Acetate	6.330	43	207606	49.823	ug/l	97
44) Trichloroethene	7.123	130	93223	54.221	ug/l	100
45) 1,2-Dichloropropane	7.428	63	86912	51.084	ug/l	99
46) Dibromomethane	7.580	93	68904	52.218	ug/l	97
47) Bromodichloromethane	7.818	83	128944	54.930	ug/l	99
48) Methyl methacrylate	7.690	41	101601	51.076	ug/l #	84
49) 1,4-Dioxane	7.653	88	44049	898.629	ug/l #	88
51) 4-Methyl-2-Pentanone	8.568	43	752444	261.799	ug/l	97
52) Toluene	8.714	92	236906	55.326	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	143153	56.813	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	146125	55.197	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	100083	54.644	ug/l	95
56) Ethyl methacrylate	9.116	69	150891	53.733	ug/l	93
57) 1,3-Dichloropropane	9.305	76	161160	54.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	329542	239.073	ug/l	99
59) 2-Hexanone	9.427	43	630459	272.857	ug/l	94
60) Dibromochloromethane	9.519	129	106204	59.247	ug/l	99
61) 1,2-Dibromoethane	9.610	107	111603	56.347	ug/l	100
64) Tetrachloroethene	9.275	164	82904	51.975	ug/l	98
65) Chlorobenzene	10.080	112	266347	51.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	97066	55.674	ug/l	98
67) Ethyl Benzene	10.195	91	483514	52.538	ug/l	99
68) m/p-Xylenes	10.299	106	378541	106.376	ug/l	99
69) o-Xylene	10.640	106	184793	53.207	ug/l	99
70) Styrene	10.653	104	310951	54.977	ug/l	97
71) Bromoform	10.799	173	81729	50.501	ug/l #	99
73) Isopropylbenzene	10.964	105	496340	50.820	ug/l	99
74) N-amyl acetate	10.842	43	203141	48.707	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	179827	50.178	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	167488m	50.588	ug/l	
77) Bromobenzene	11.195	156	121601	50.997	ug/l	90
78) n-propylbenzene	11.305	91	598481	50.115	ug/l	100
79) 2-Chlorotoluene	11.366	91	342784	48.400	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	429835	51.013	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	50171	44.712	ug/l	93
82) 4-Chlorotoluene	11.451	91	416177	49.659	ug/l	97
83) tert-Butylbenzene	11.713	119	423509	51.438	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	428958	51.059	ug/l	98
85) sec-Butylbenzene	11.890	105	551594	51.718	ug/l	100
86) p-Isopropyltoluene	12.006	119	461503	52.447	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	241660	50.458	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	246961	50.508	ug/l	98
89) n-Butylbenzene	12.329	91	451877	51.564	ug/l	96
90) Hexachloroethane	12.536	117	78739	53.969	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	235539	51.164	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42368	48.896	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	153656	49.764	ug/l	98
94) Hexachlorobutadiene	13.725	225	67414	54.245	ug/l	98
95) Naphthalene	13.774	128	519119	48.278	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	150747	50.422	ug/l	98

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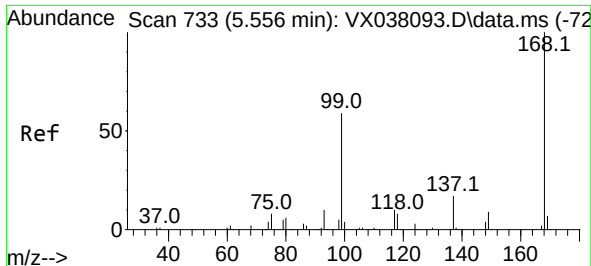
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

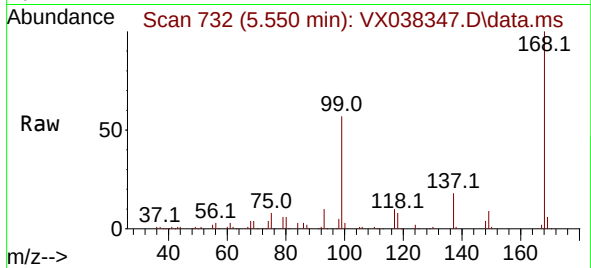
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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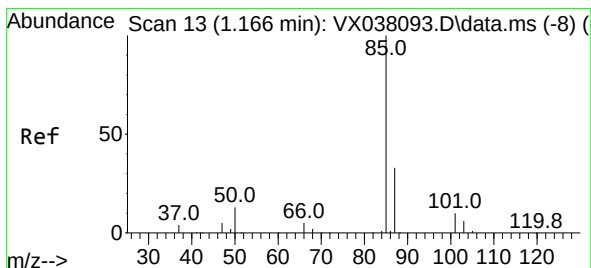
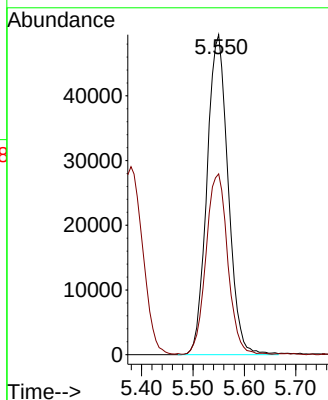
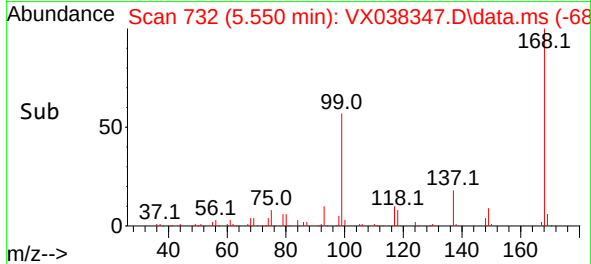
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 14136
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0

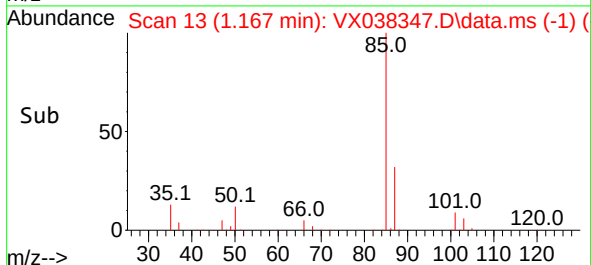
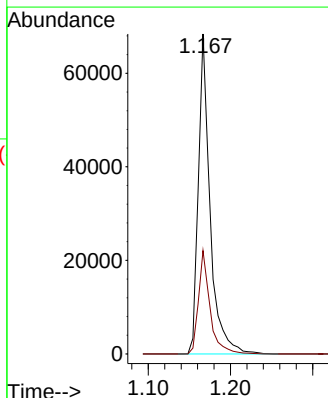
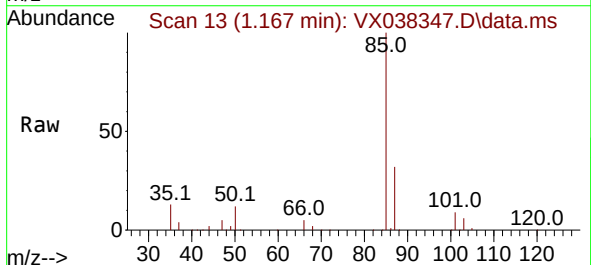
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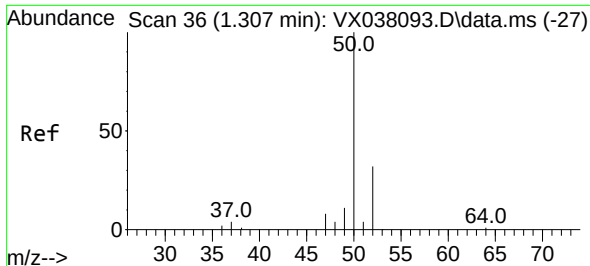
Reviewed By :John Carlone 10/19/2023
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#2
Dichlorodifluoromethane
Concen: 49.696 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 85 Resp: 67813
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





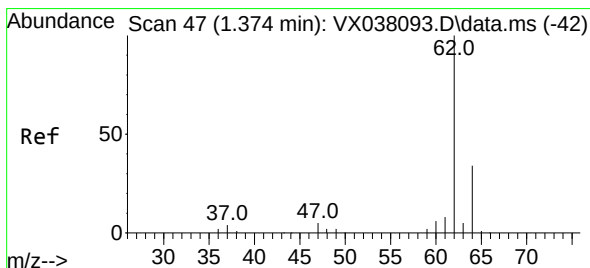
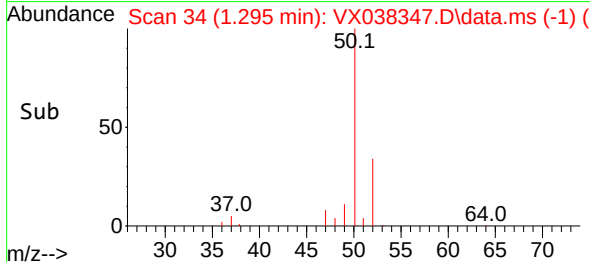
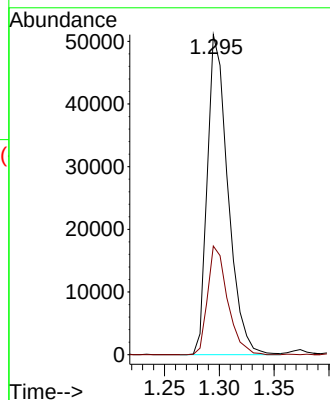
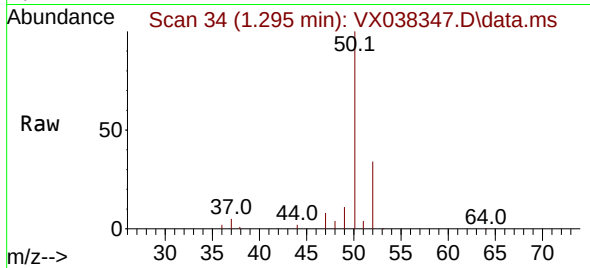
#3
Chloromethane
Concen: 47.998 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

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Tgt Ion: 50 Resp: 66754
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3

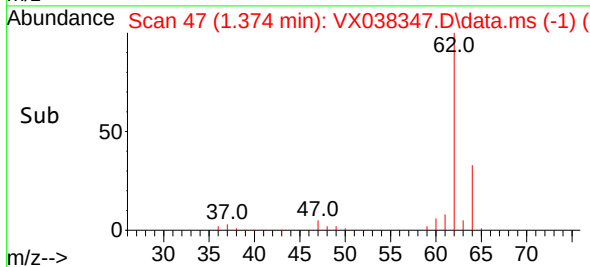
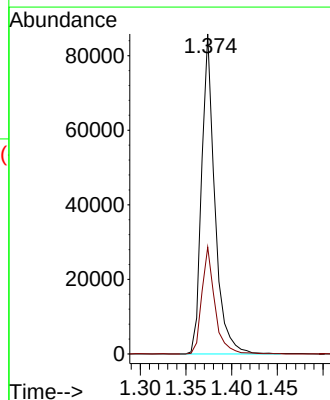
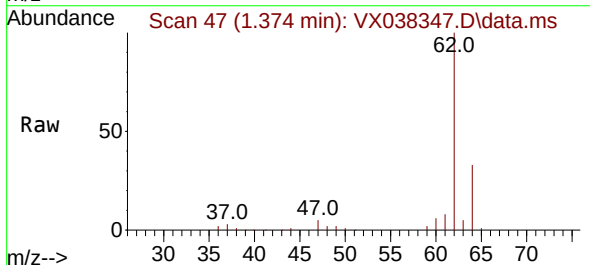
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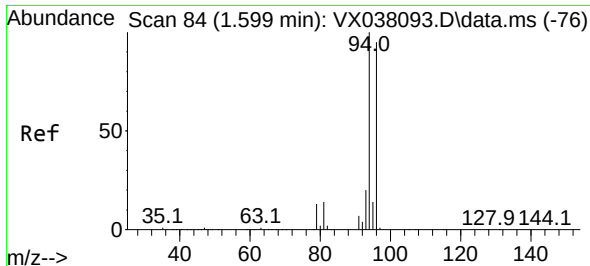
Reviewed By :John Carlone 10/19/2023
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#4
Vinyl Chloride
Concen: 55.793 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038347.D
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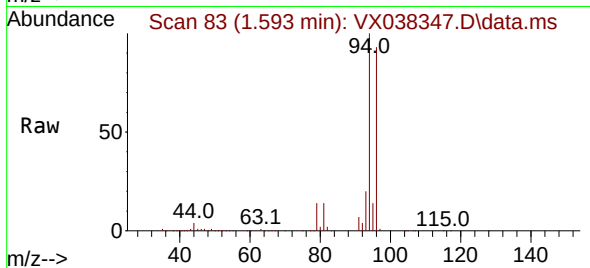
Tgt Ion: 62 Resp: 86033
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 55.425 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX038347.D
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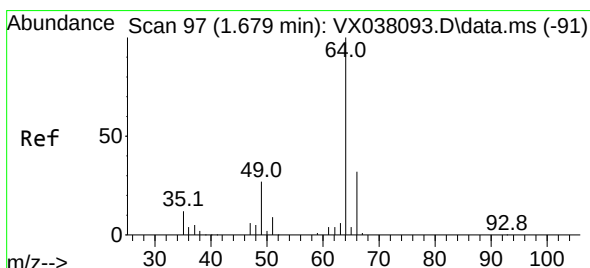
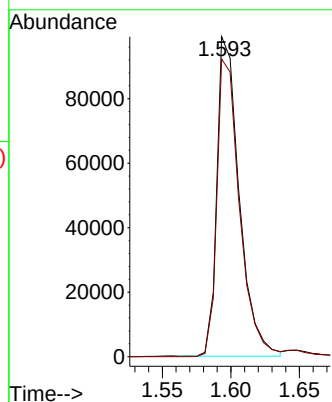
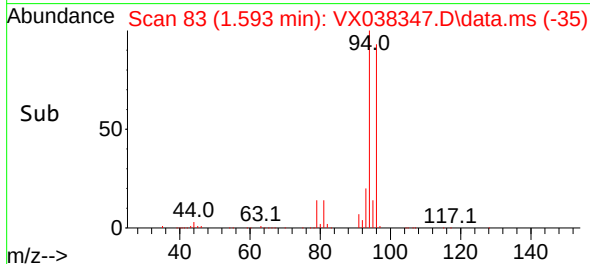
Instrument :
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Tgt Ion: 94 Resp: 11206
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

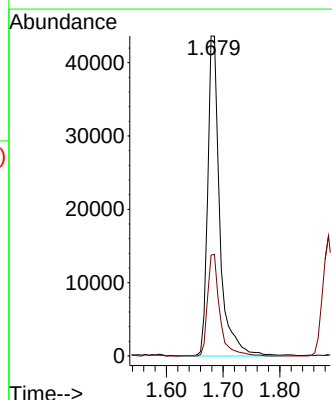
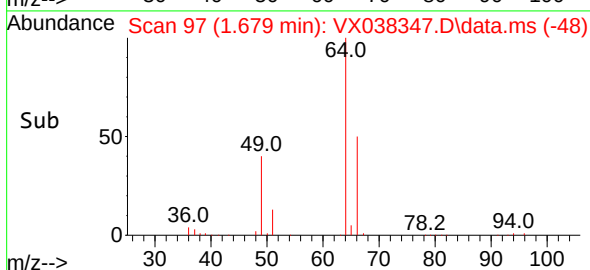
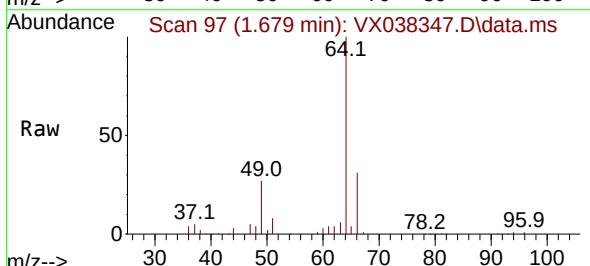
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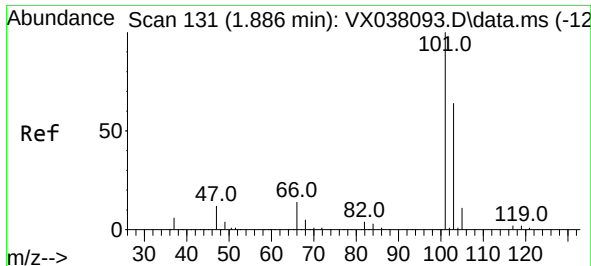
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 56.673 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038347.D
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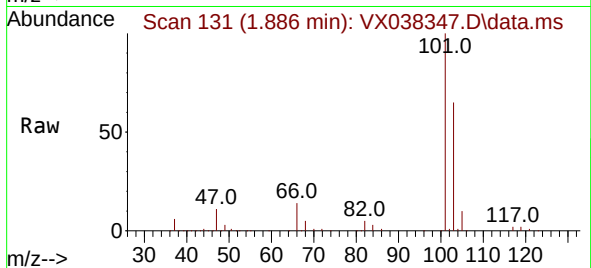
Tgt Ion: 64 Resp: 64727
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 56.305 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

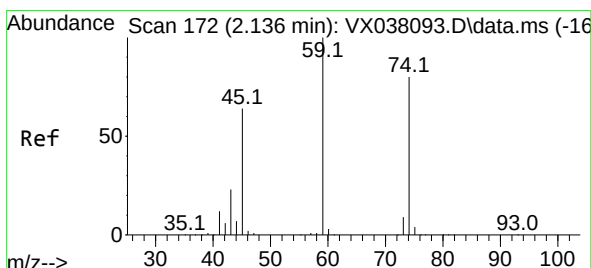
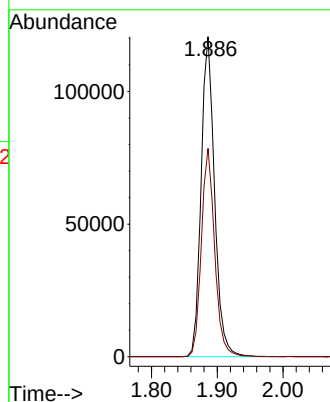
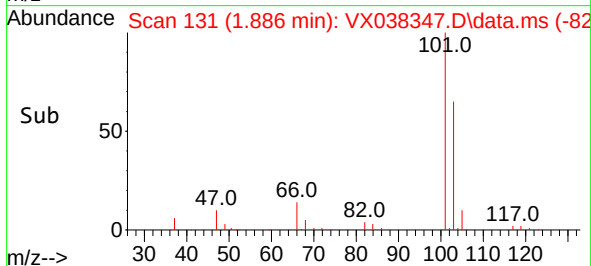
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 17149
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

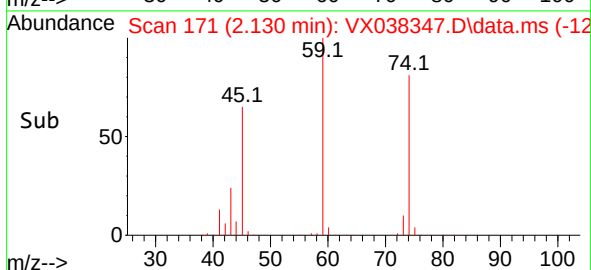
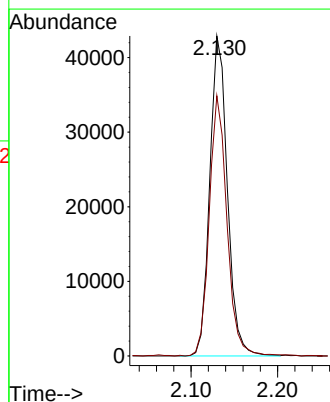
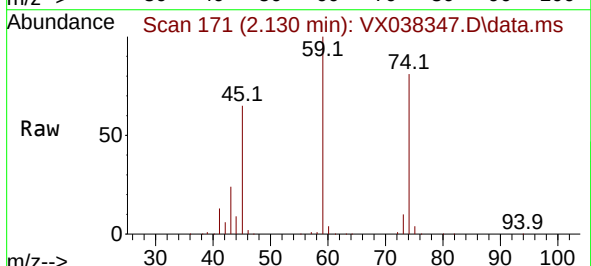
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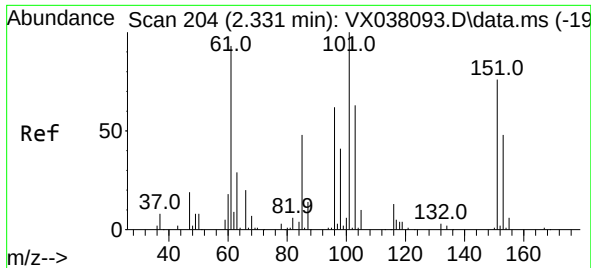
Reviewed By :John Carlone 10/19/2023
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#8
 Diethyl Ether
 Concen: 53.289 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 60533
 Ion Ratio Lower Upper
 74 100
 45 82.2 53.3 159.8





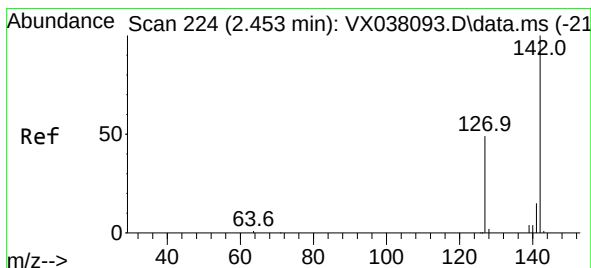
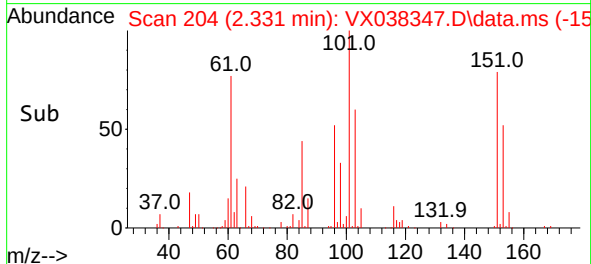
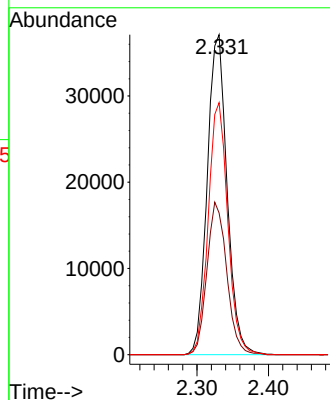
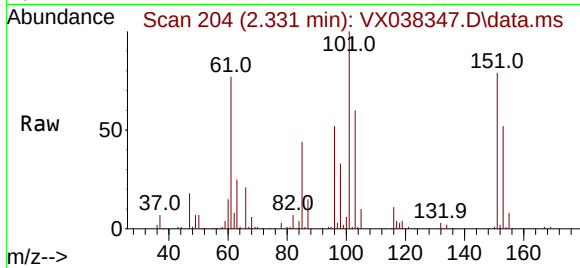
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.813 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038347.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7155
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 77.6 58.6 87.8

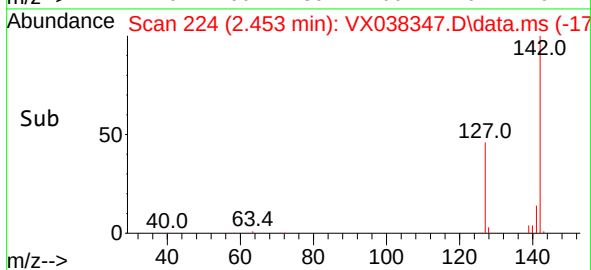
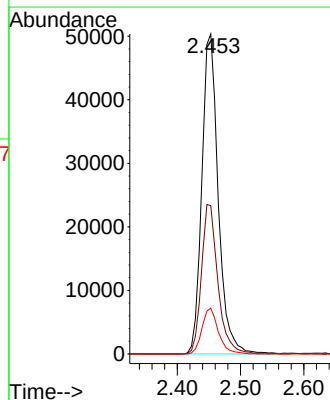
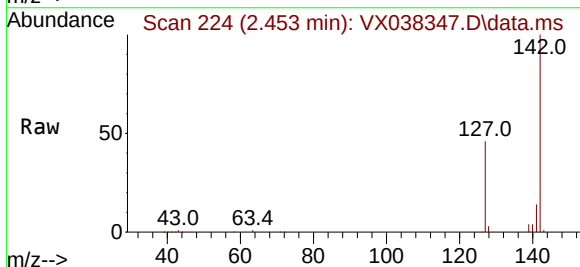
Manual Integrations
APPROVED

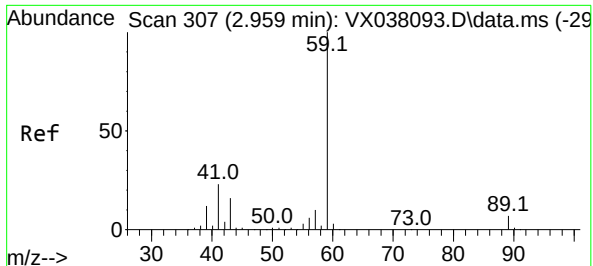
Reviewed By :John Carbone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
Methyl Iodide
Concen: 47.487 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion:142 Resp: 90850
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.3 11.6 17.4





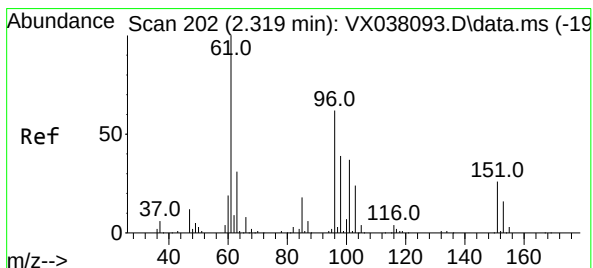
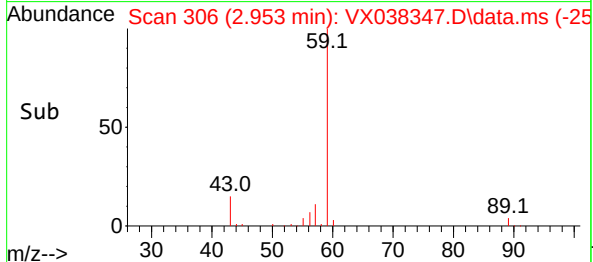
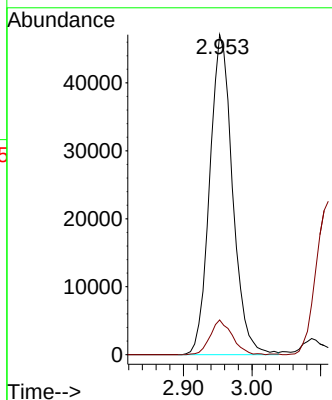
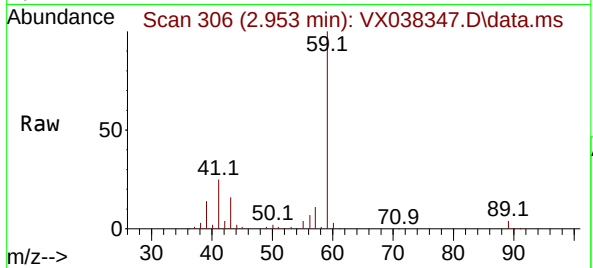
#11
Tert butyl alcohol
Concen: 216.202 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10927
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

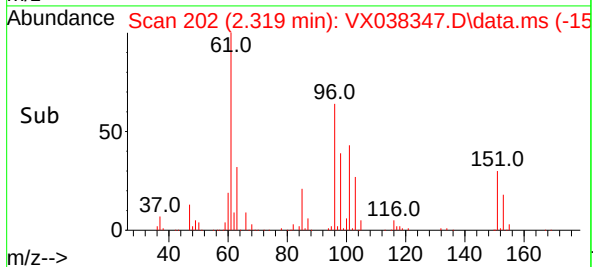
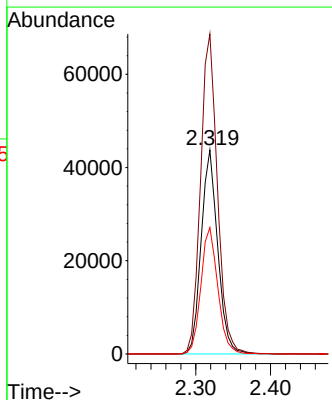
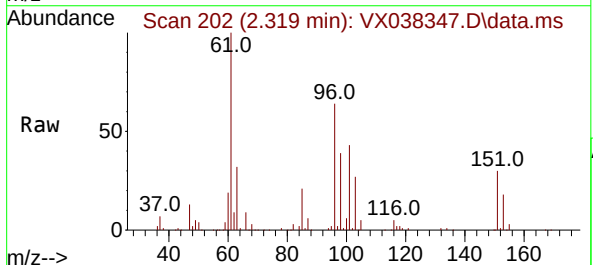
Manual Integrations
APPROVED

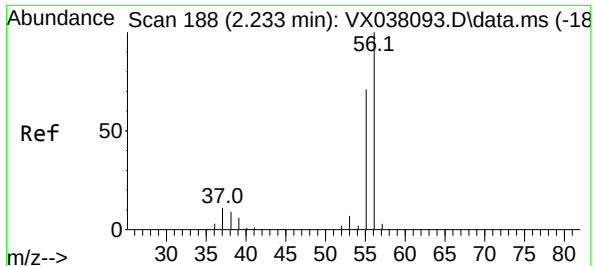
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#12
1,1-Dichloroethene
Concen: 52.056 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

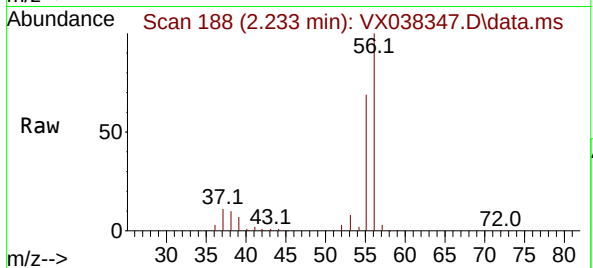
Tgt Ion: 96 Resp: 67329
Ion Ratio Lower Upper
96 100
61 156.9 144.6 216.8
98 62.0 50.4 75.6





#13
Acrolein
Concen: 155.817 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

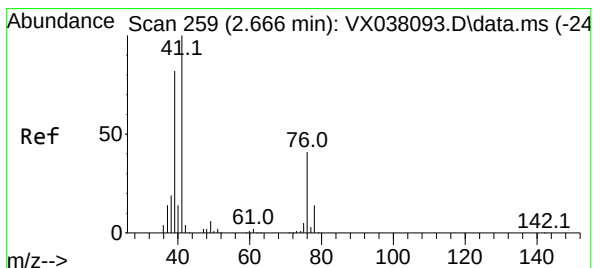
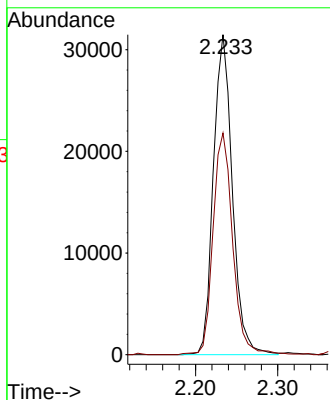
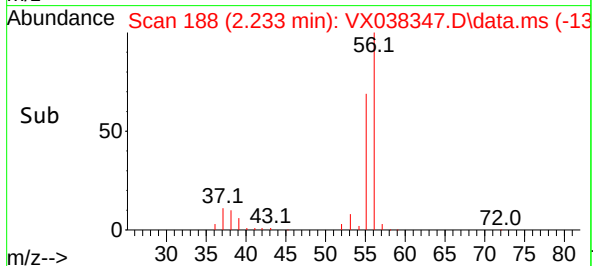
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5036
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

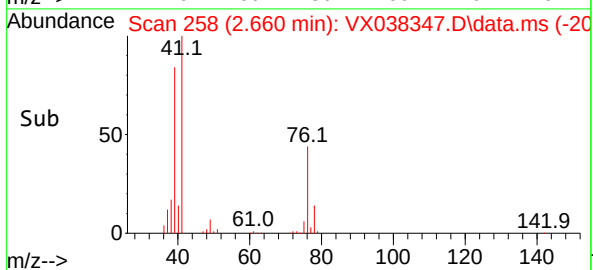
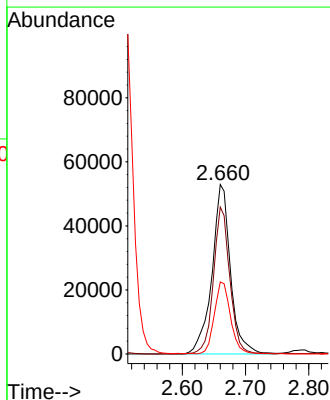
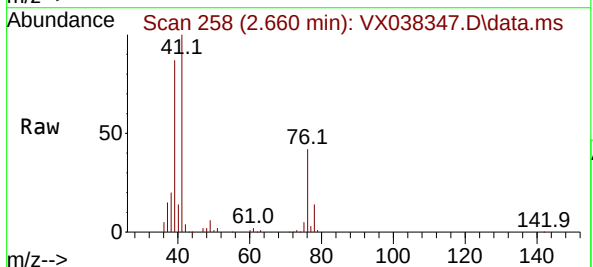
Manual Integrations
APPROVED

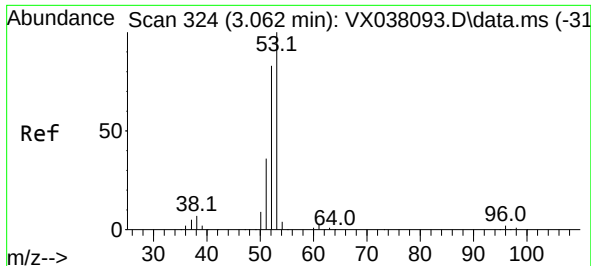
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#14
Allyl chloride
Concen: 46.687 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 41 Resp: 108008
Ion Ratio Lower Upper
41 100
39 76.2 55.8 83.6
76 37.1 24.3 36.5





#15

Acrylonitrile

Concen: 232.371 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 240448

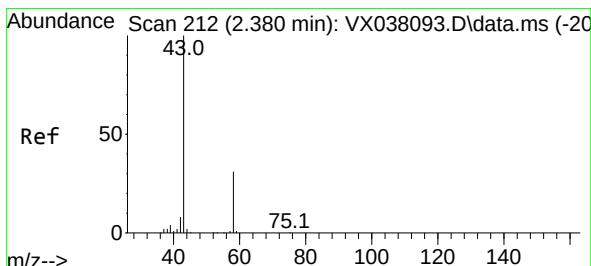
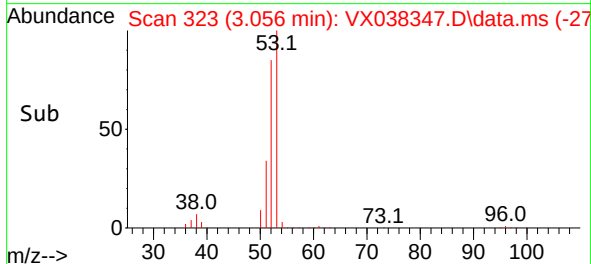
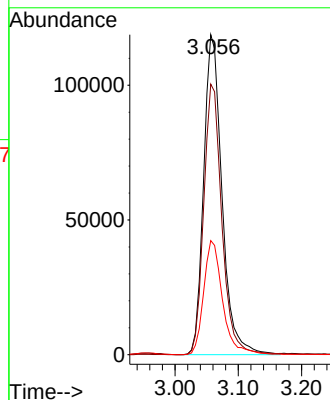
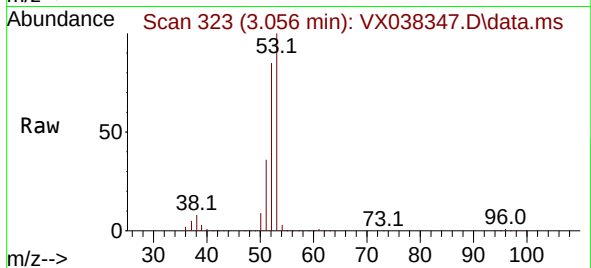
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.0	99.0
51	37.0	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Acetone

Concen: 294.293 ug/l

RT: 2.374 min Scan# 211

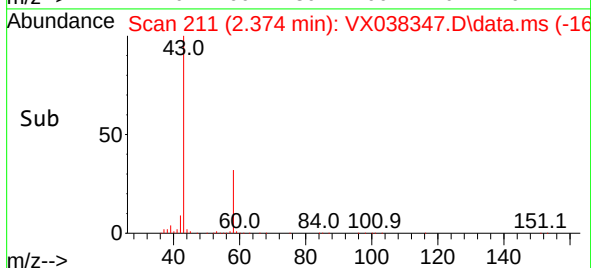
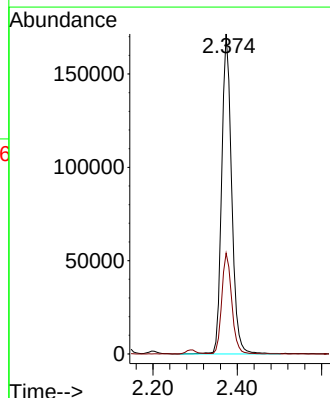
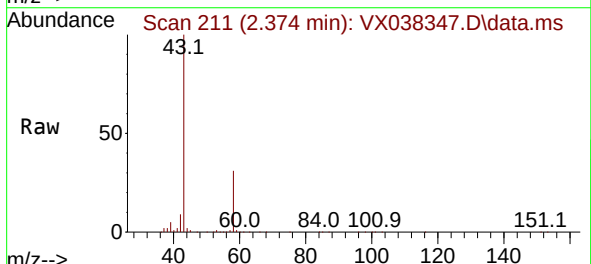
Delta R.T. -0.006 min

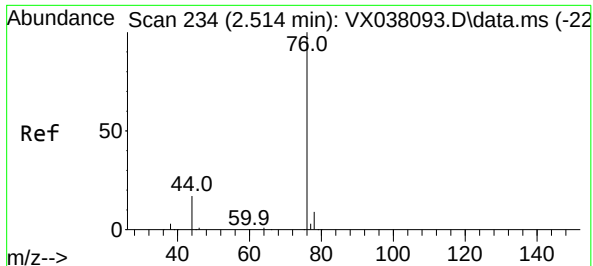
Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Tgt Ion: 43 Resp: 279275

Ion	Ratio	Lower	Upper
43	100		
58	31.5	21.9	32.9





#17

Carbon Disulfide

Concen: 46.244 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 17238

Ion Ratio Lower Upper

76 100

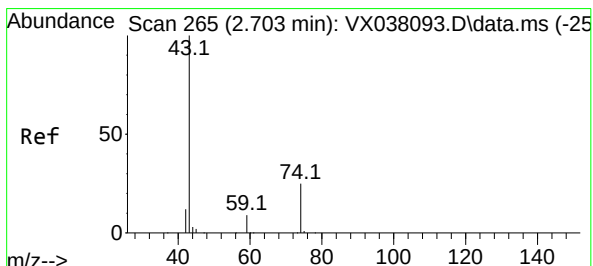
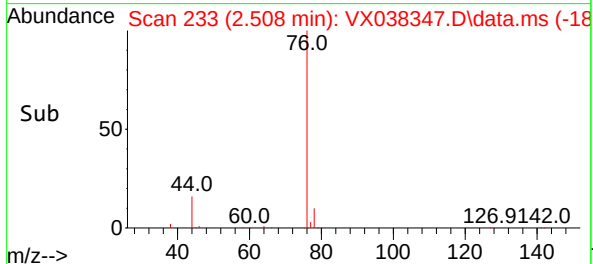
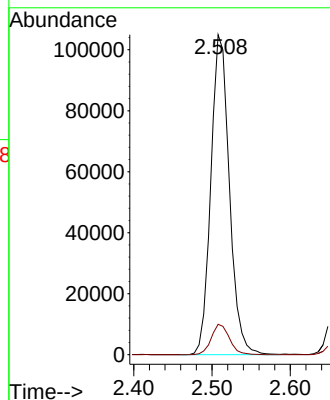
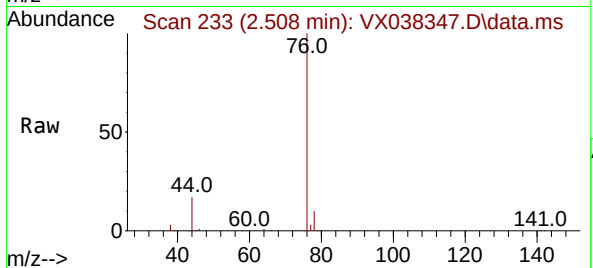
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#18

Methyl Acetate

Concen: 48.207 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038347.D

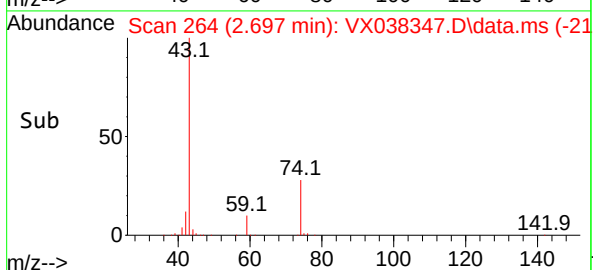
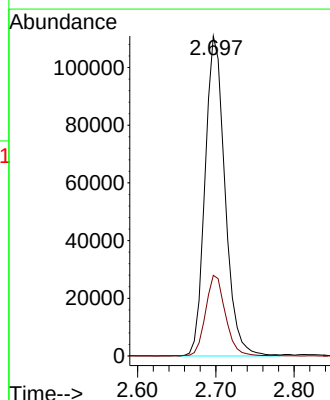
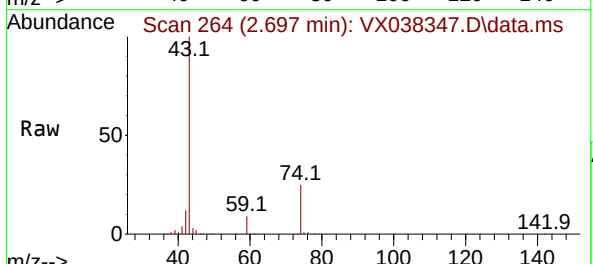
Acq: 18 Oct 2023 08:55

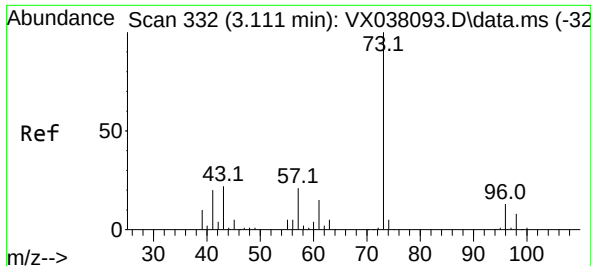
Tgt Ion: 43 Resp: 196179

Ion Ratio Lower Upper

43 100

74 25.2 17.8 26.8





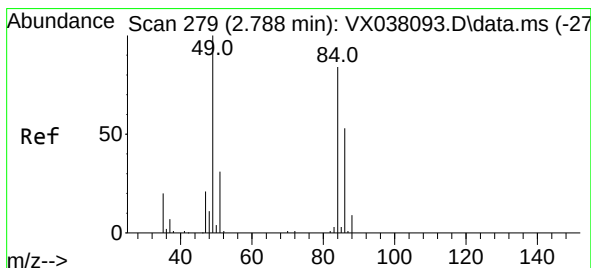
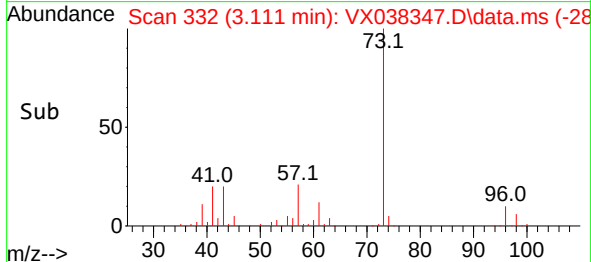
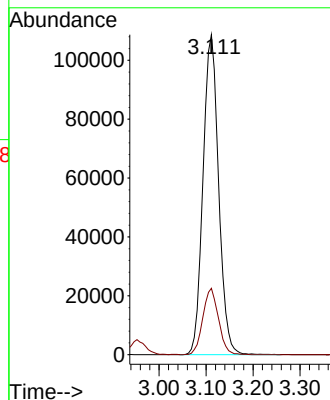
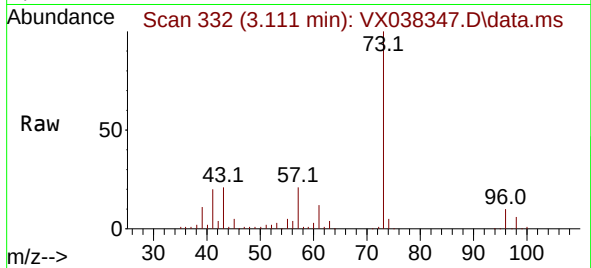
#19
Methyl tert-butyl Ether
Concen: 48.595 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 25032
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

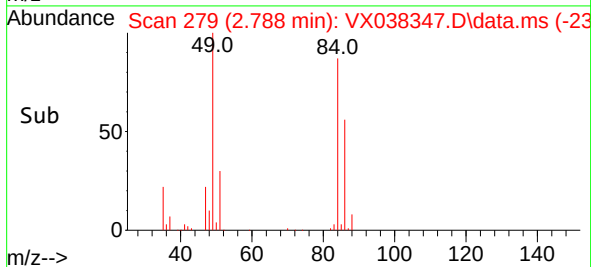
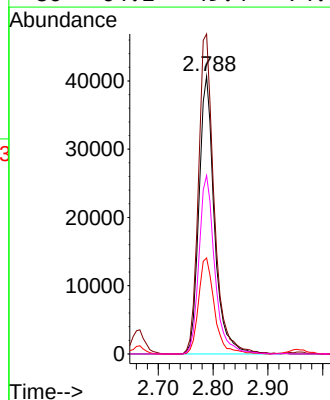
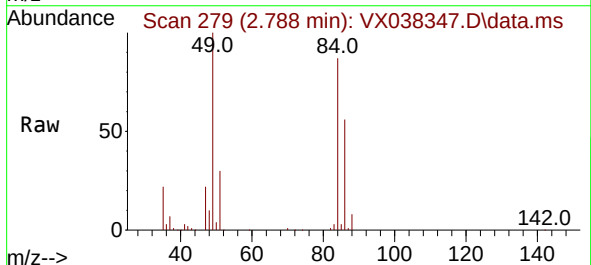
Manual Integrations
APPROVED

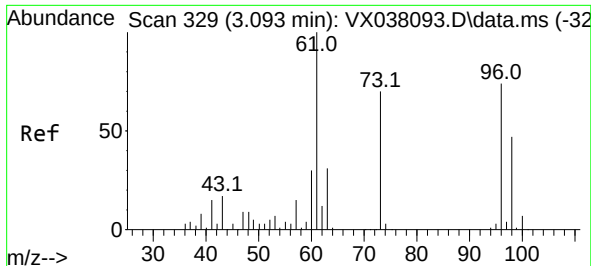
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
Methylene Chloride
Concen: 44.662 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

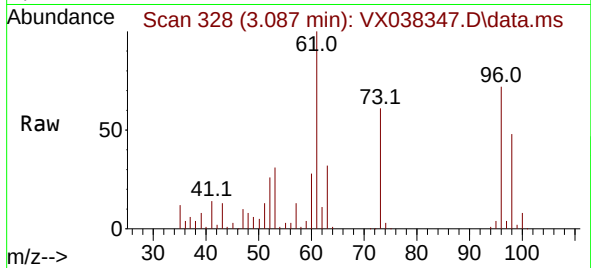
Tgt Ion: 84 Resp: 79721
Ion Ratio Lower Upper
84 100
49 115.2 103.6 155.4
51 34.6 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.106 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

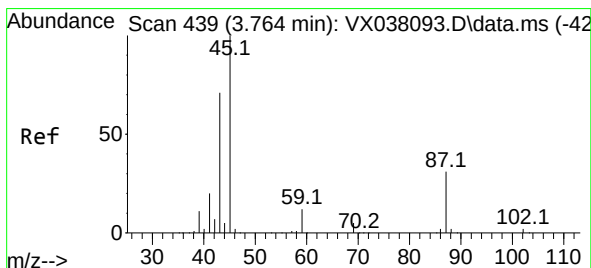
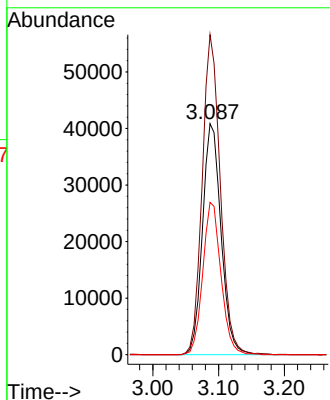
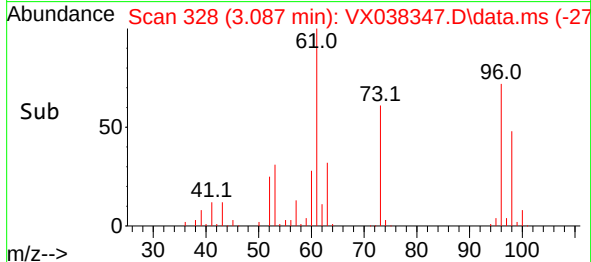
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



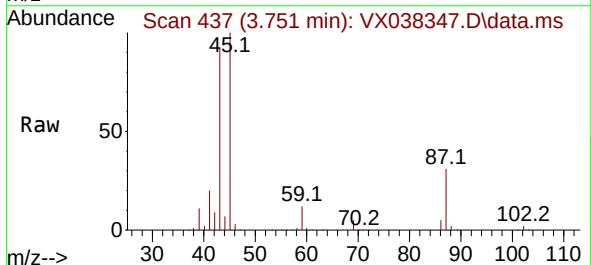
Tgt Ion: 96 Resp: 8024
Ion Ratio Lower Upper
96 100
61 138.5 119.2 178.8
98 65.9 48.7 73.1

Manual Integrations
APPROVED

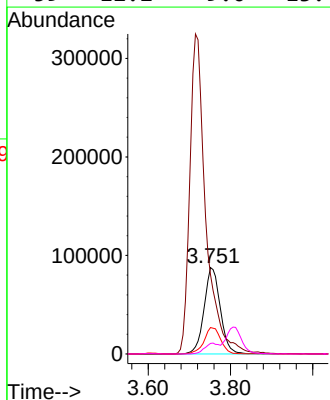
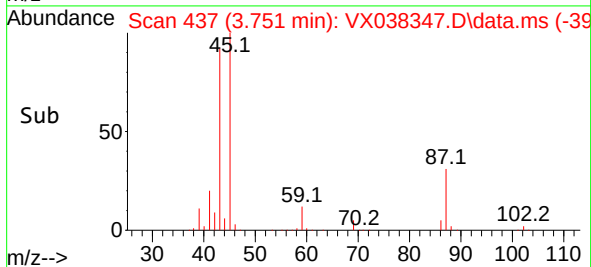
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

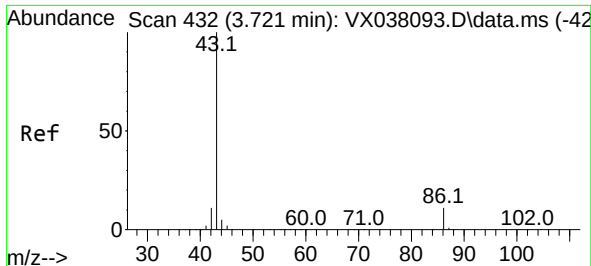


#22
Diisopropyl ether
Concen: 49.541 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.013 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



Tgt Ion: 45 Resp: 240206
Ion Ratio Lower Upper
45 100
43 91.2 69.7 104.5
87 30.5 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 249.117 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

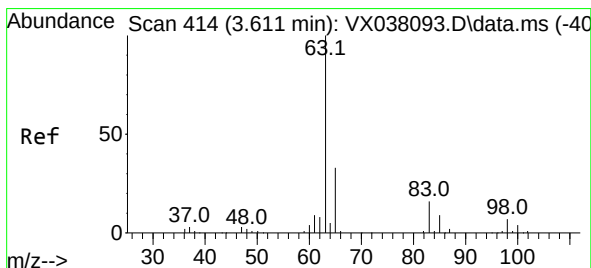
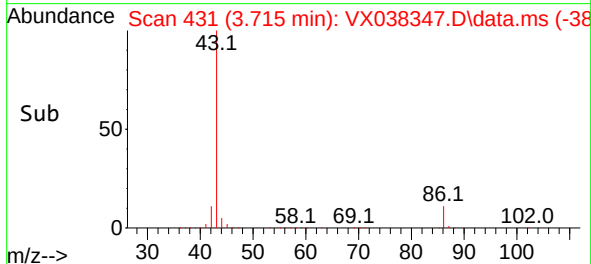
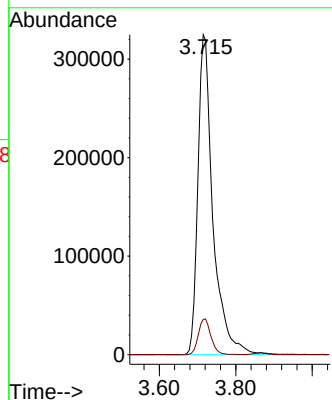
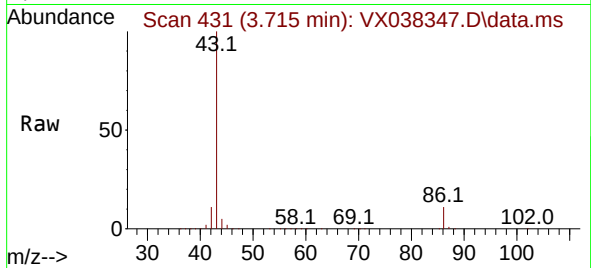
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 88578
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

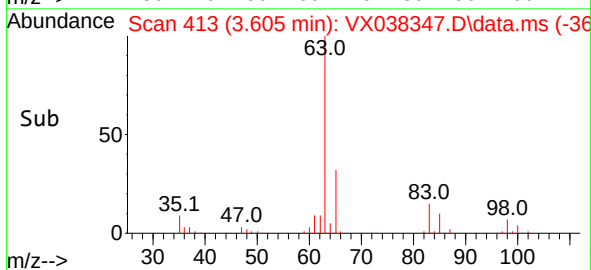
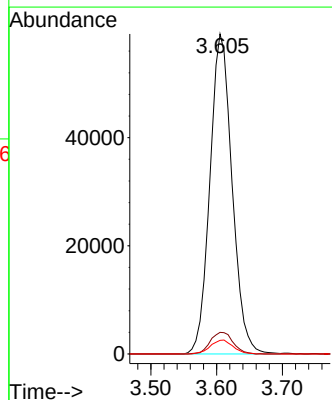
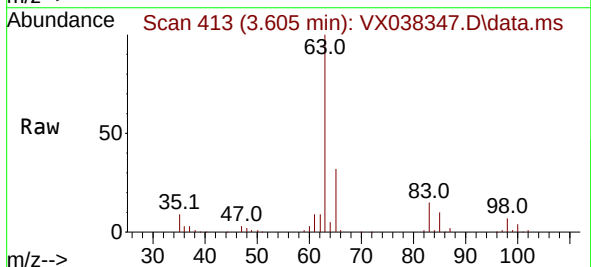
Manual Integrations
 APPROVED

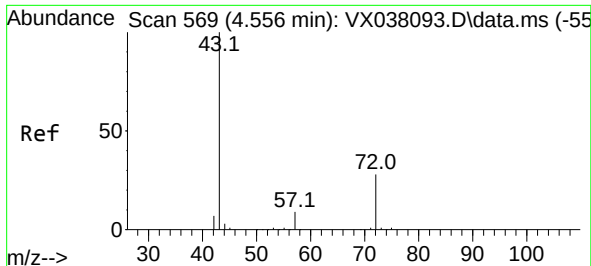
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 47.239 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

Tgt Ion: 63 Resp: 139003
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.3 2.1 6.5





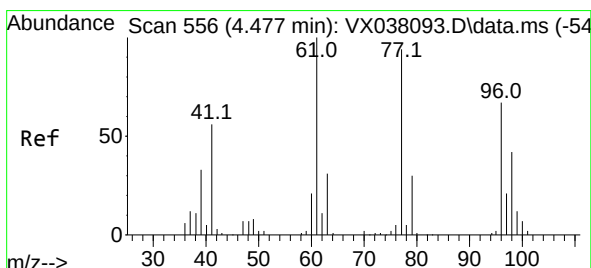
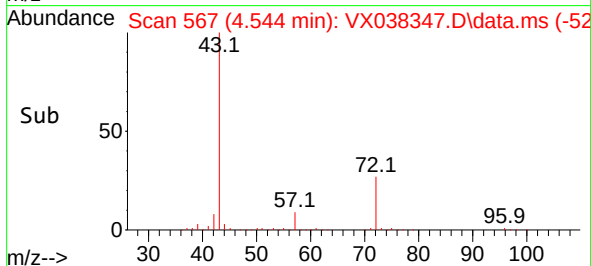
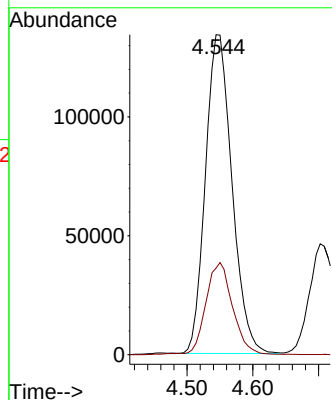
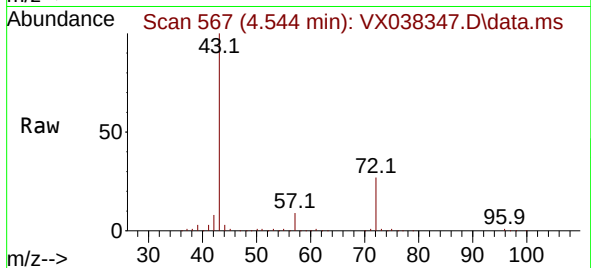
#25
2-Butanone
Concen: 246.281 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 377090
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

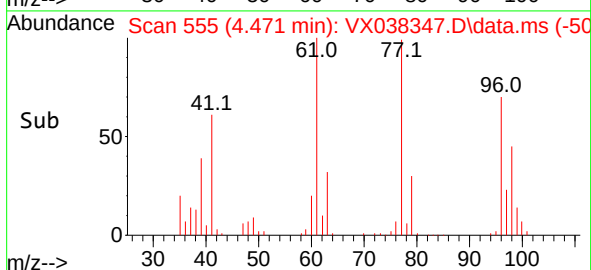
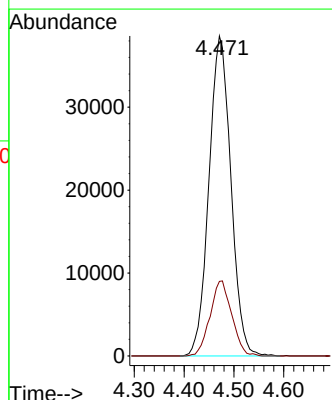
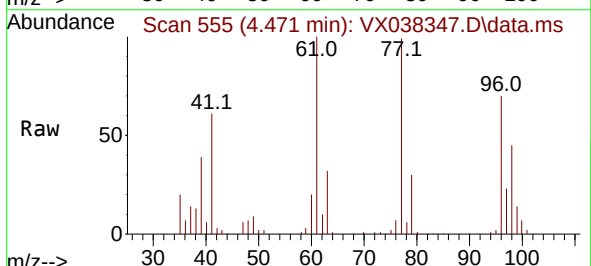
Manual Integrations
APPROVED

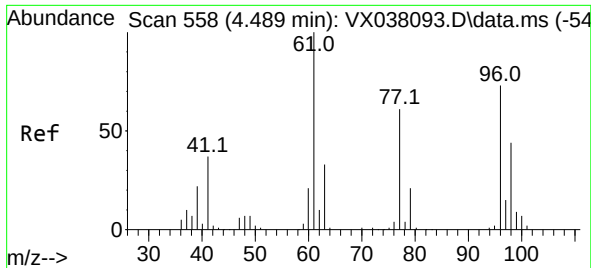
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
2,2-Dichloropropane
Concen: 51.349 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

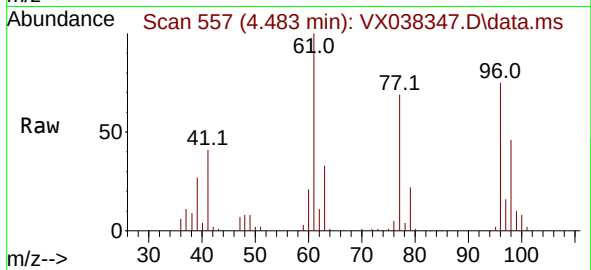
Tgt Ion: 77 Resp: 117966
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.039 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

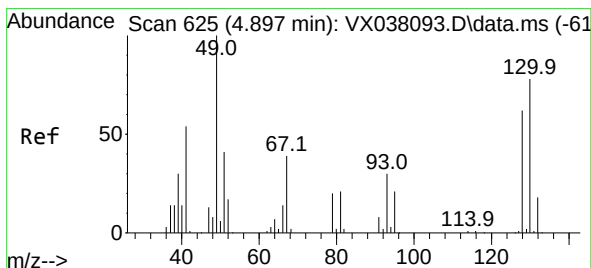
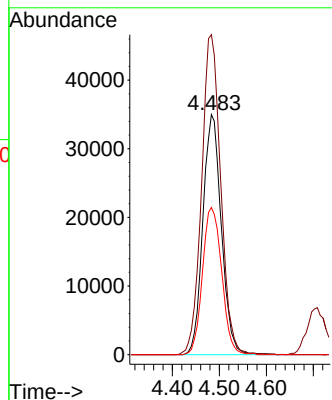
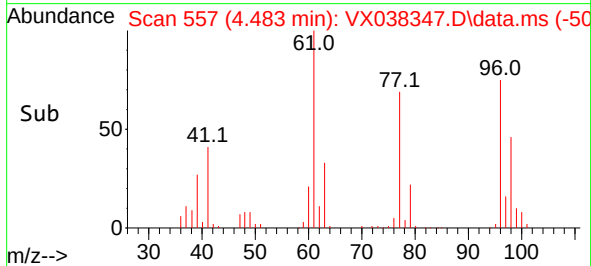
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 95436
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 312.2
 98 63.8 0.0 129.0

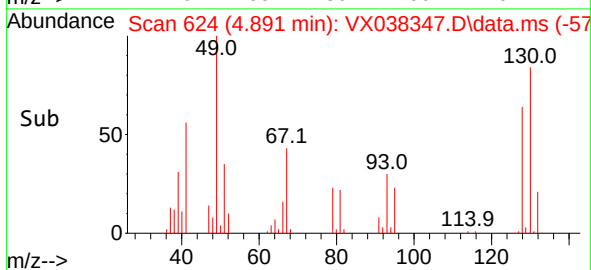
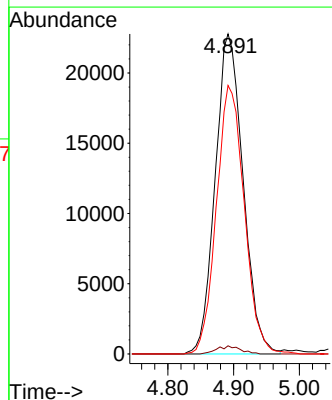
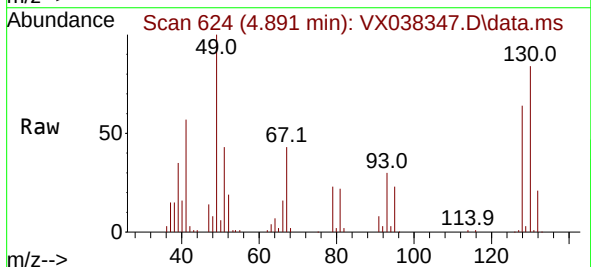
Manual Integrations
 APPROVED

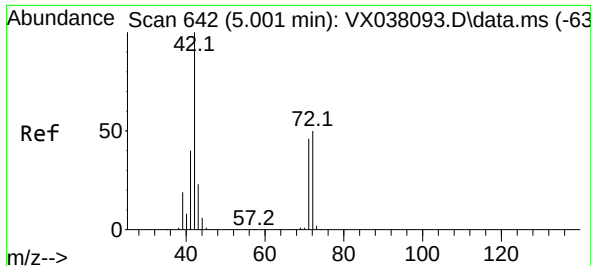
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#28
 Bromochloromethane
 Concen: 50.520 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

Tgt Ion: 49 Resp: 67108
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 83.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 233.552 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 232820

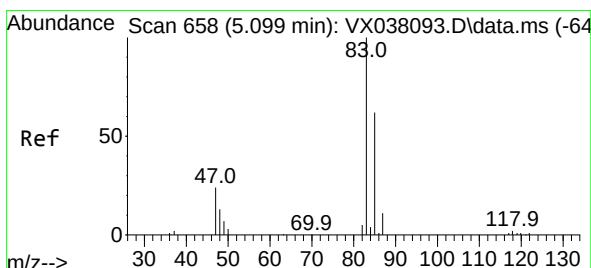
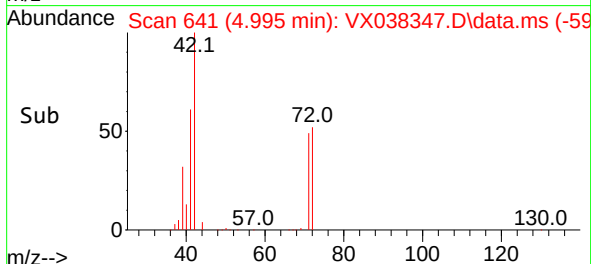
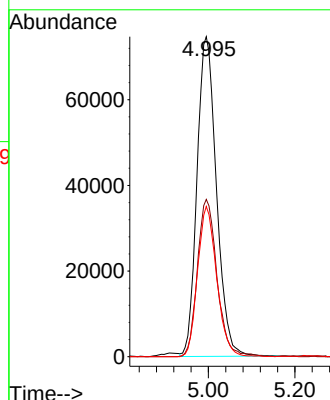
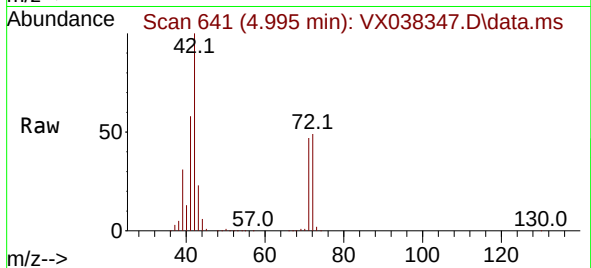
Ion	Ratio	Lower	Upper
42	100		
72	49.7	34.2	51.4
71	46.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#30

Chloroform

Concen: 51.599 ug/l

RT: 5.093 min Scan# 657

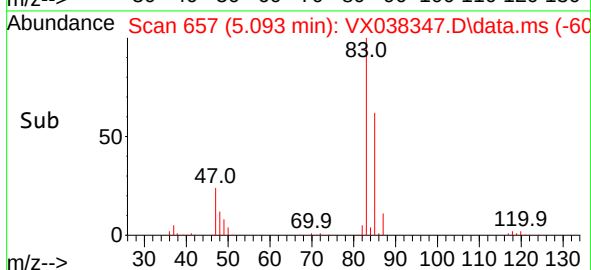
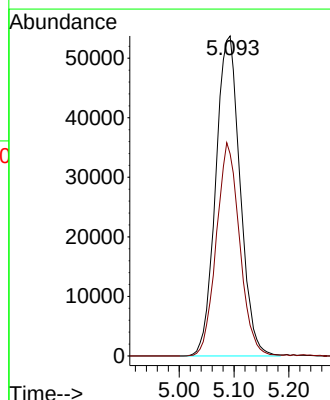
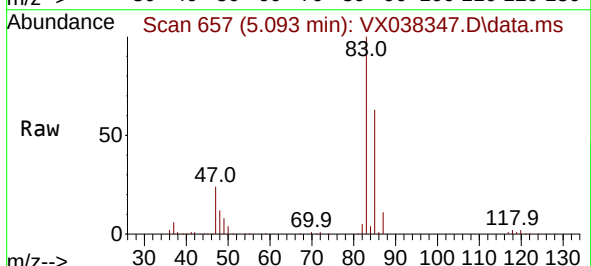
Delta R.T. -0.000 min

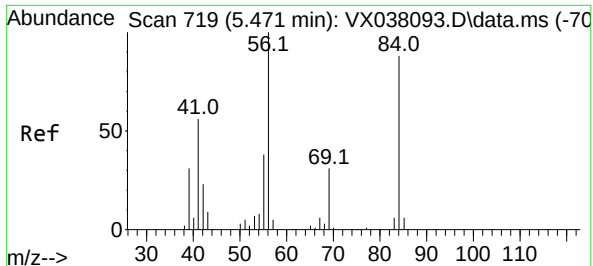
Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Tgt Ion: 83 Resp: 166031

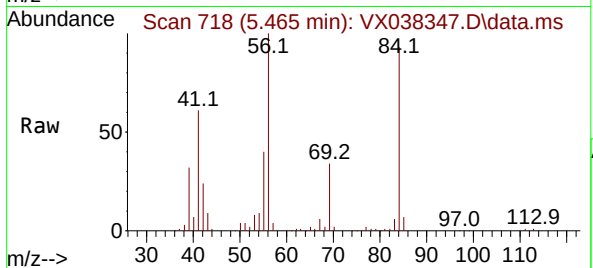
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.3	75.5





#31
Cyclohexane
Concen: 49.741 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

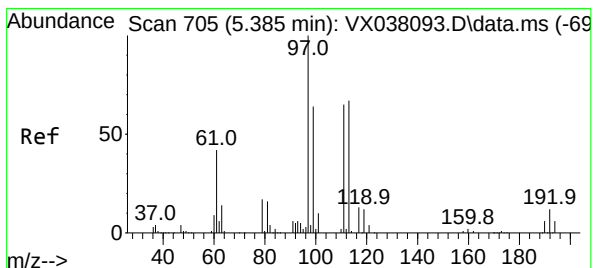
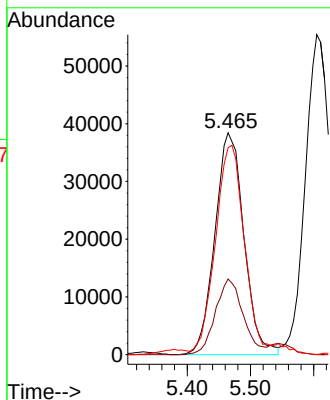
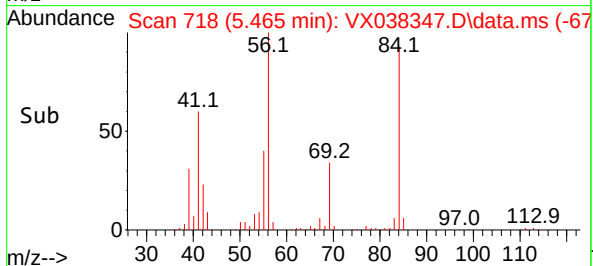
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12253
Ion Ratio Lower Upper
56 100
69 34.1 23.4 35.2
84 91.2 65.9 98.9

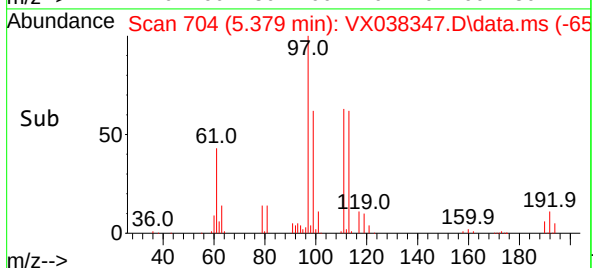
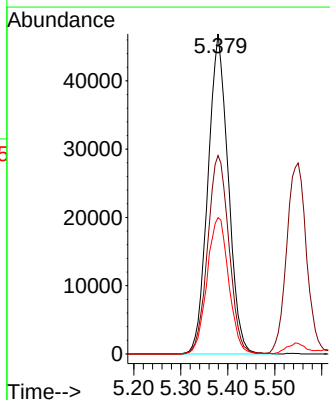
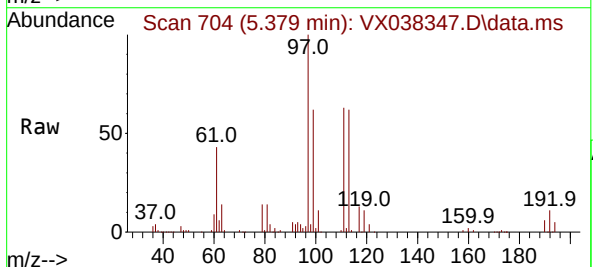
Manual Integrations
APPROVED

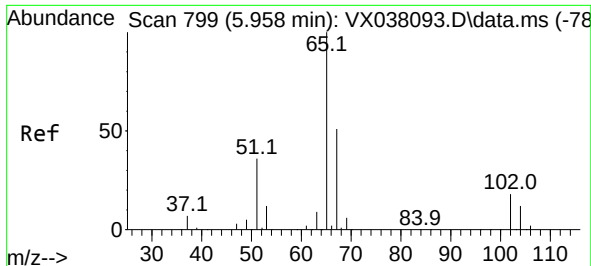
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 50.842 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 97 Resp: 140125
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 45.6 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 44.537 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

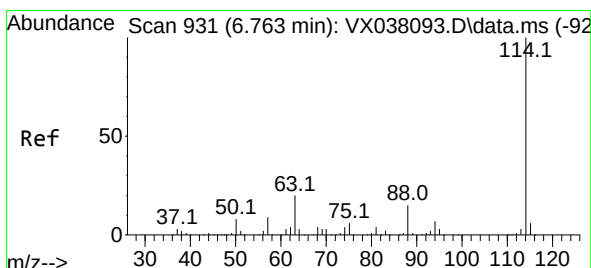
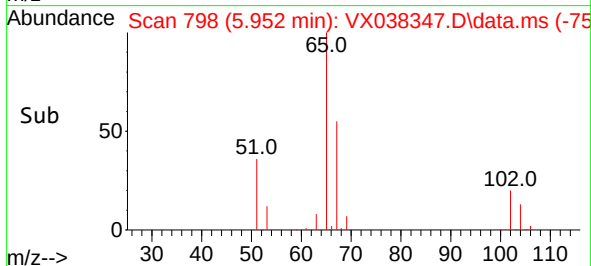
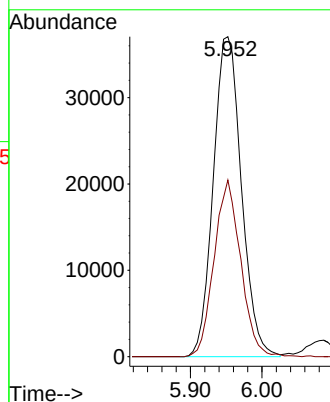
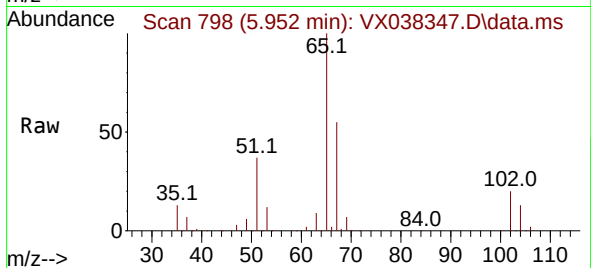
VSTDCCC050

Tgt Ion: 65 Resp: 101268
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

Manual Integrations

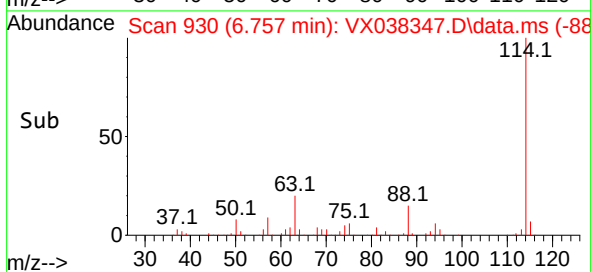
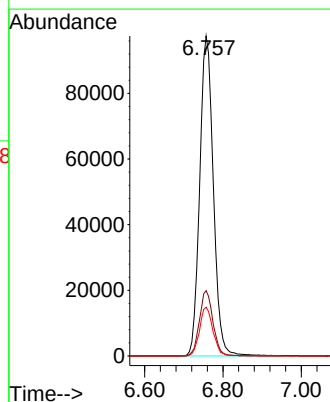
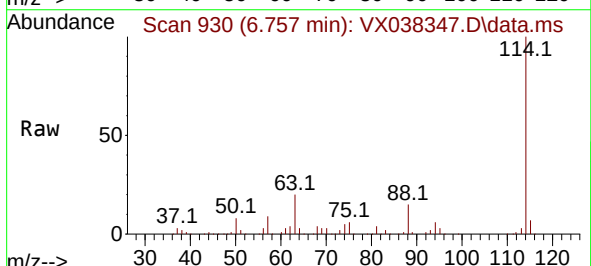
APPROVED

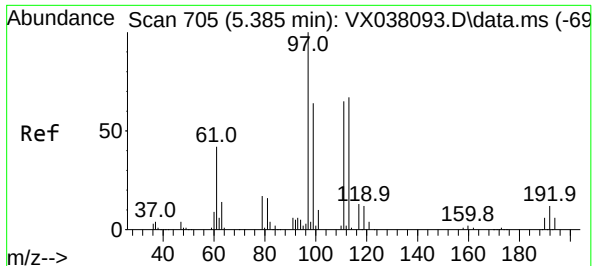
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

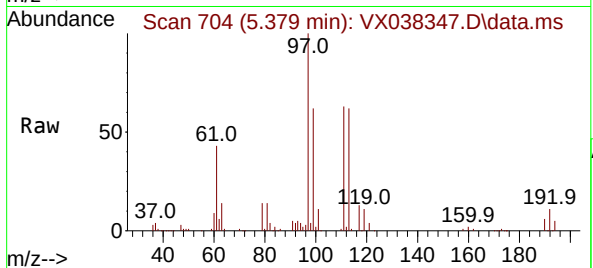
Tgt Ion:114 Resp: 236528
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.239 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

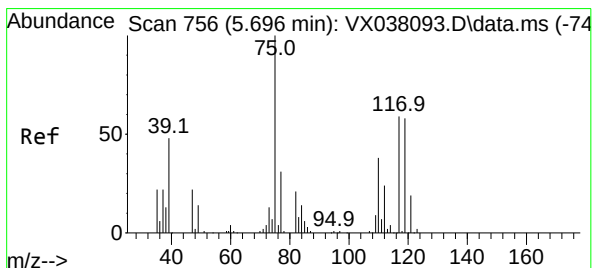
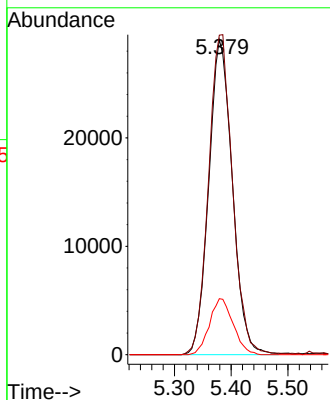
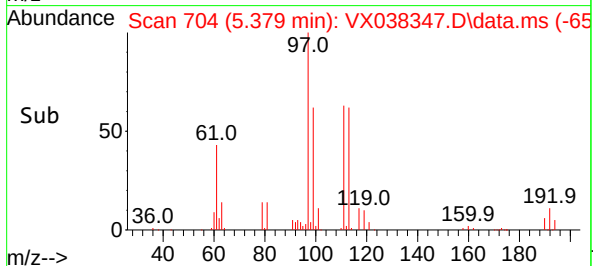
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 83920
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.8 13.3 19.9

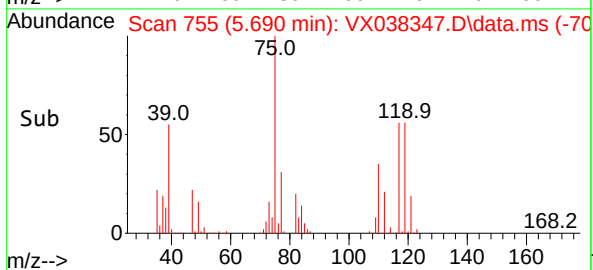
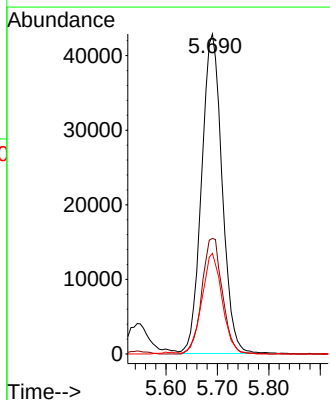
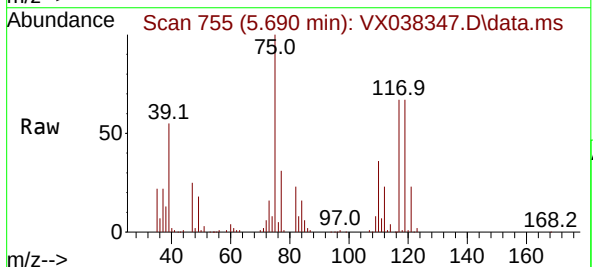
Manual Integrations
APPROVED

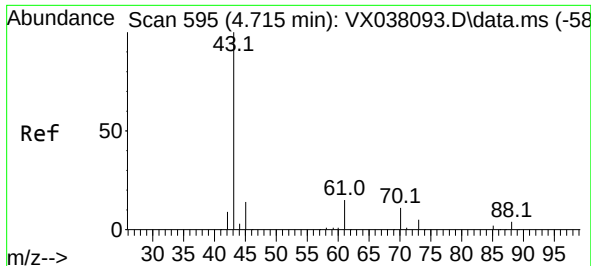
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#36
1,1-Dichloropropene
Concen: 50.430 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 75 Resp: 118522
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 31.2 24.7 37.1





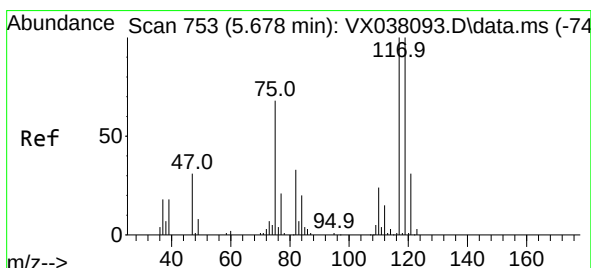
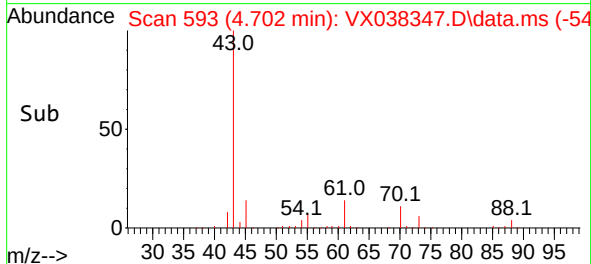
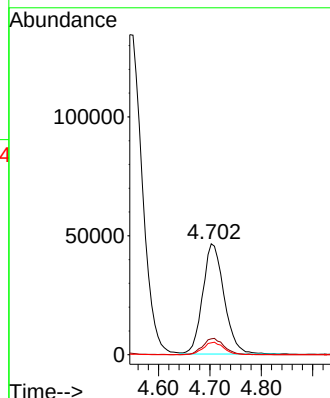
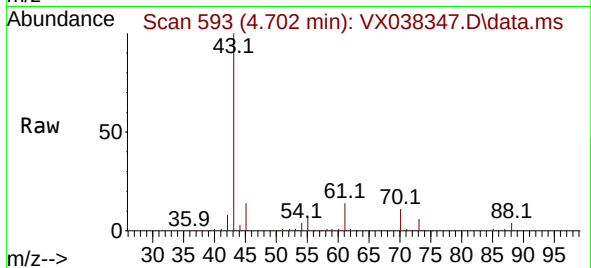
#37
Ethyl Acetate
Concen: 48.053 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.013 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 134128
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 10.8 8.3 12.5

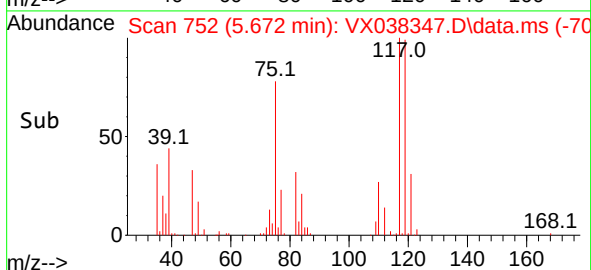
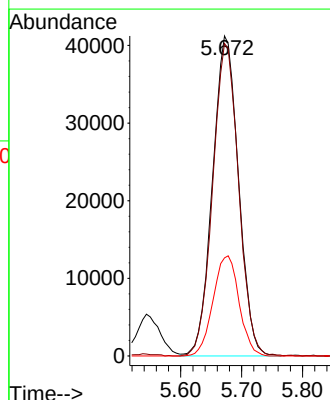
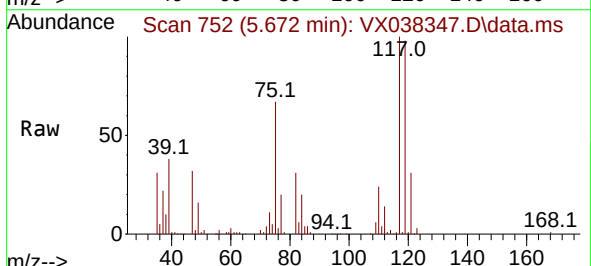
Manual Integrations
APPROVED

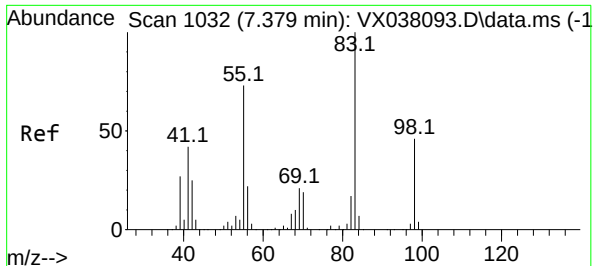
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38
Carbon Tetrachloride
Concen: 52.806 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion:117 Resp: 122090
Ion Ratio Lower Upper
117 100
119 97.6 78.2 117.2
121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 53.705 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 147844

Ion Ratio Lower Upper

83 100

55 70.7 64.6 97.0

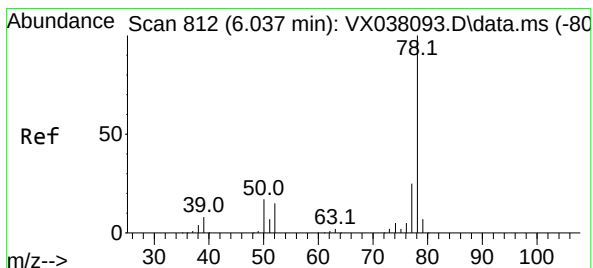
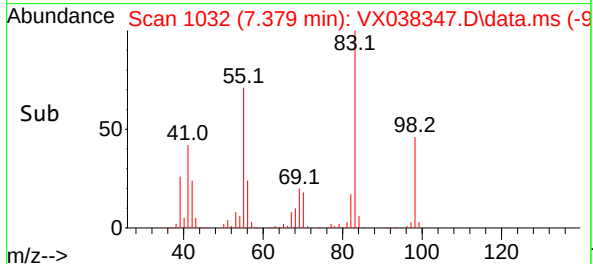
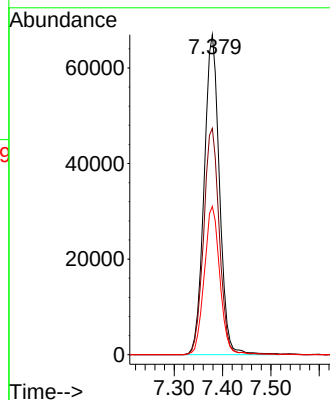
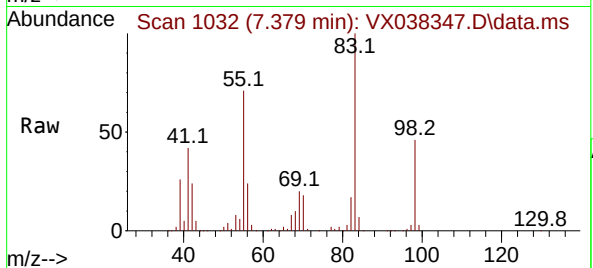
98 46.4 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#40

Benzene

Concen: 51.423 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038347.D

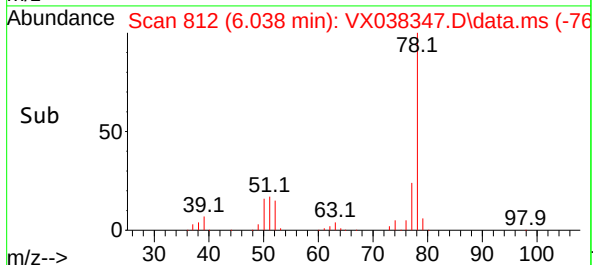
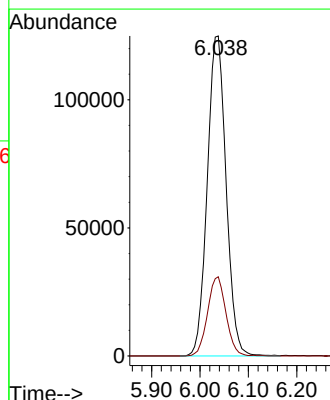
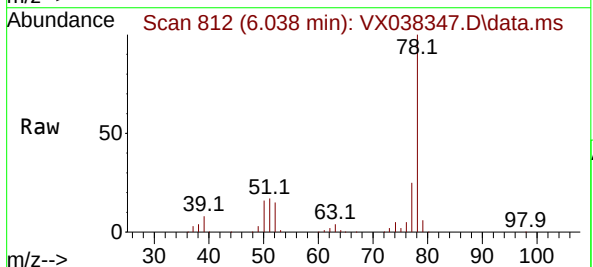
Acq: 18 Oct 2023 08:55

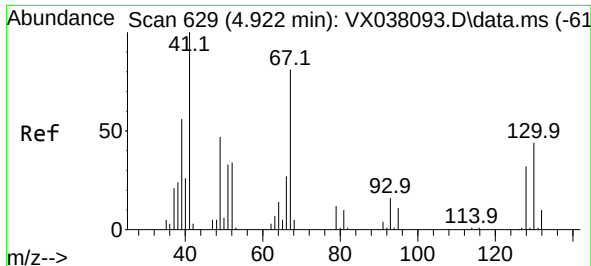
Tgt Ion: 78 Resp: 338028

Ion Ratio Lower Upper

78 100

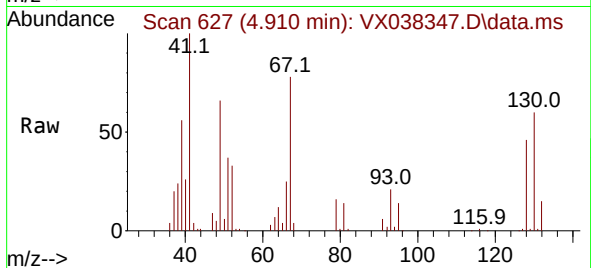
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 48.148 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

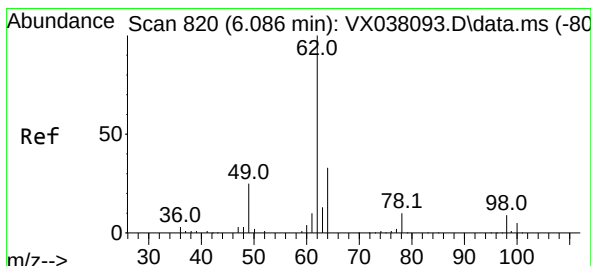
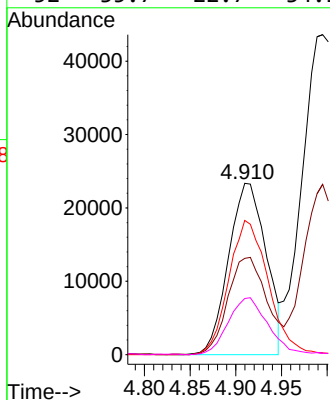
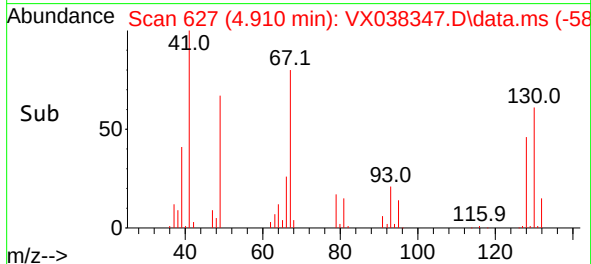
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 66850
Ion Ratio Lower Upper
41 100
39 59.7 45.2 67.8
67 82.6 52.6 78.8
52 35.7 22.7 34.1#

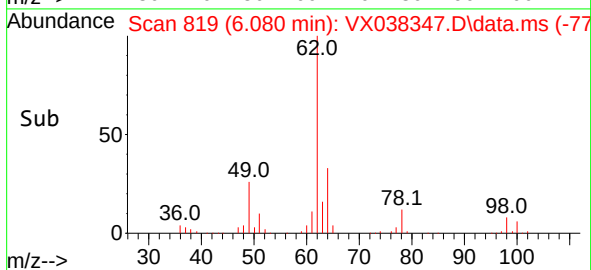
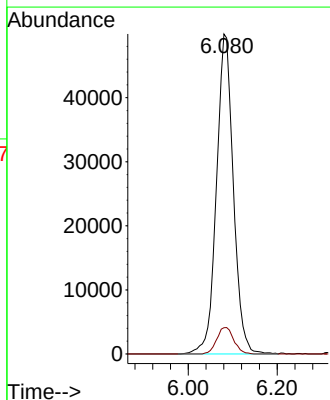
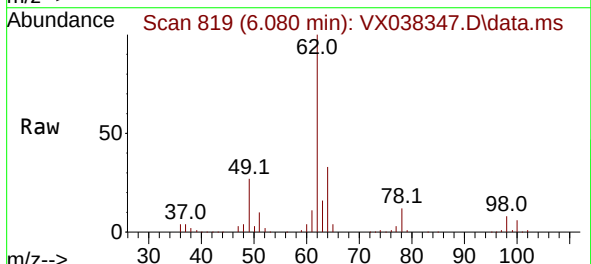
Manual Integrations
APPROVED

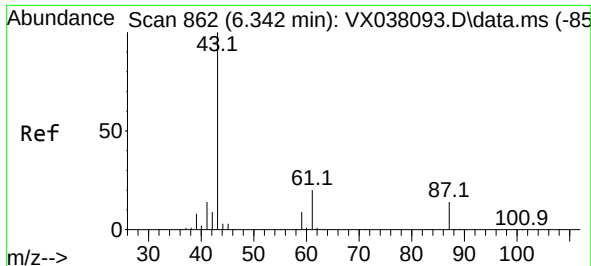
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.070 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 62 Resp: 131503
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





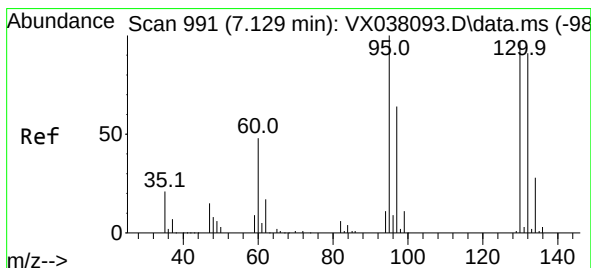
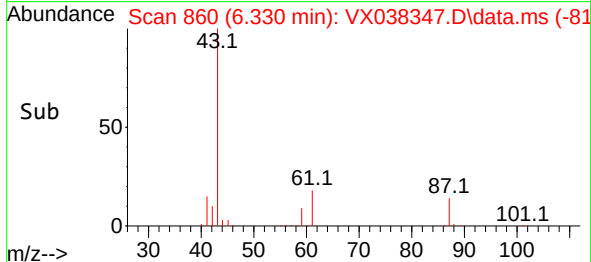
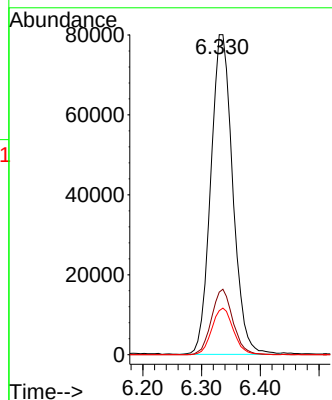
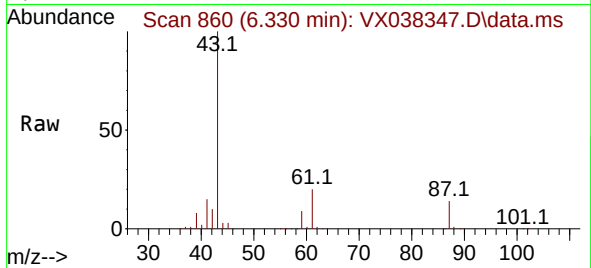
#43
Isopropyl Acetate
Concen: 49.823 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 207600
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 14.3 9.8 14.6

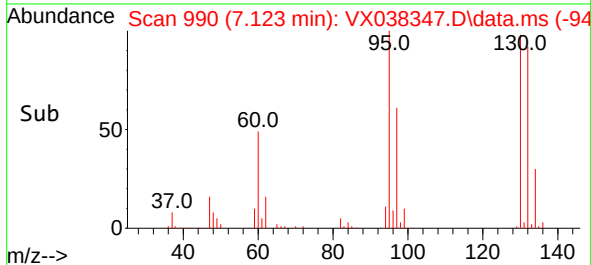
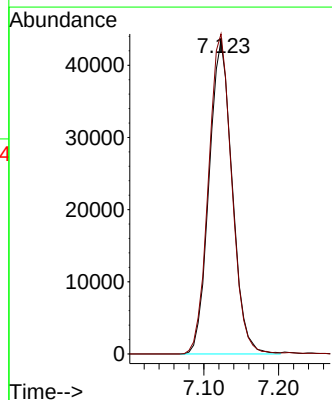
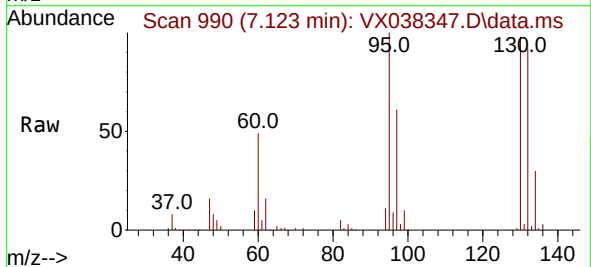
Manual Integrations
APPROVED

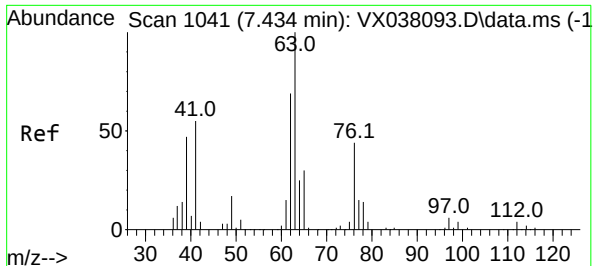
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#44
Trichloroethene
Concen: 54.221 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion:130 Resp: 93223
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.084 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8691

Ion Ratio Lower Upper

63 100

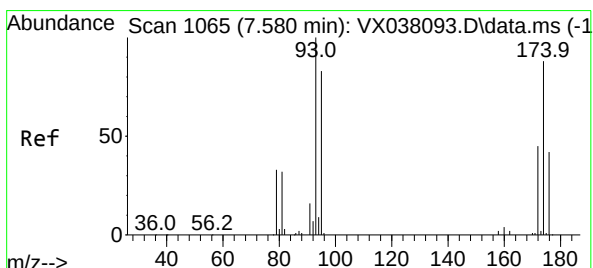
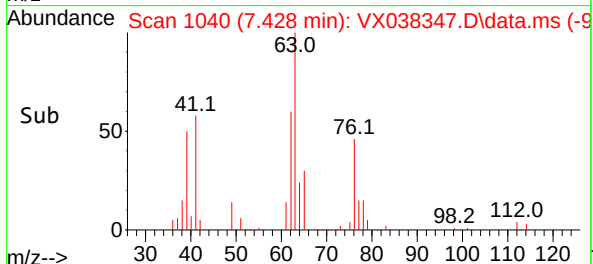
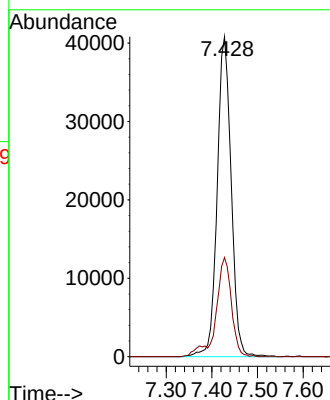
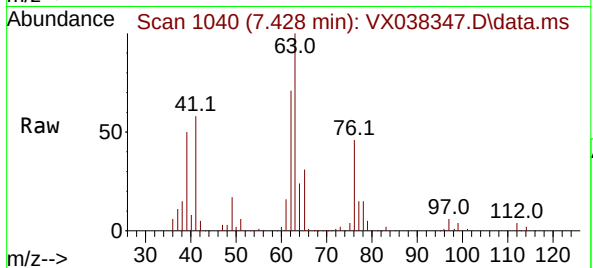
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#46

Dibromomethane

Concen: 52.218 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

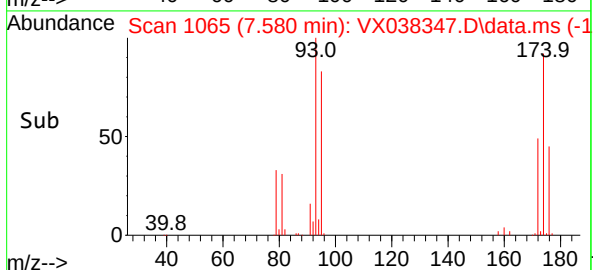
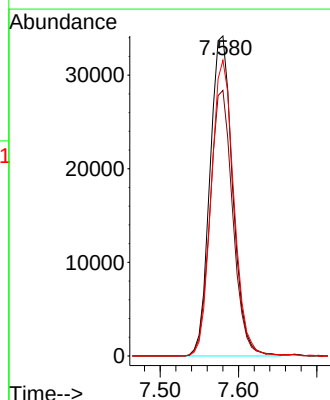
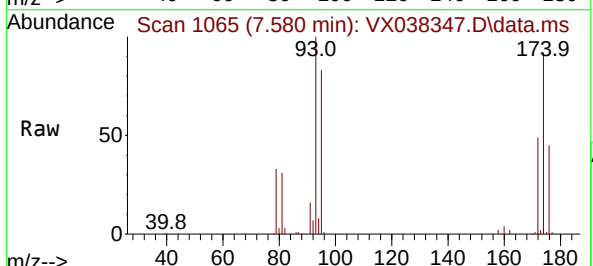
Tgt Ion: 93 Resp: 68904

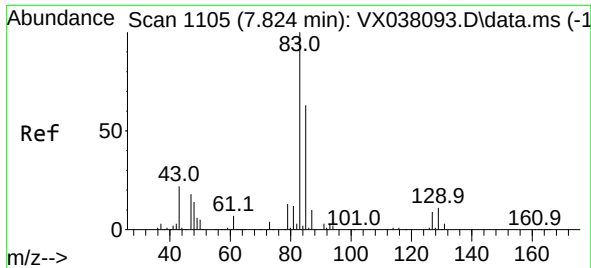
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 92.1 69.4 104.0





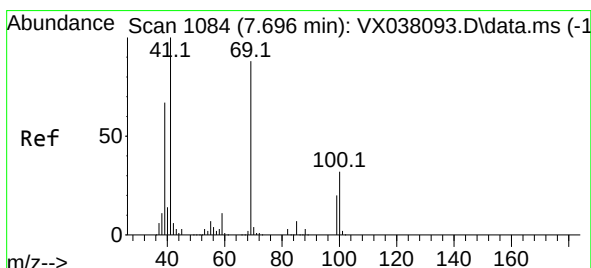
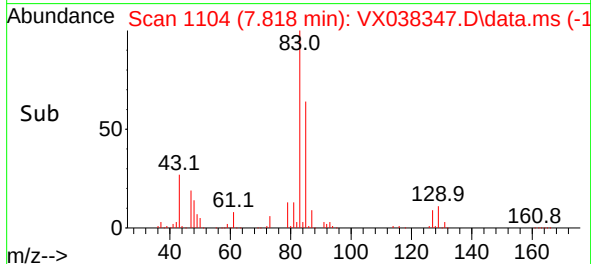
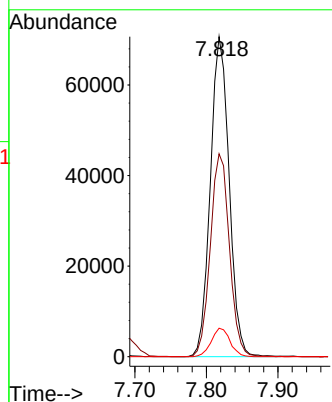
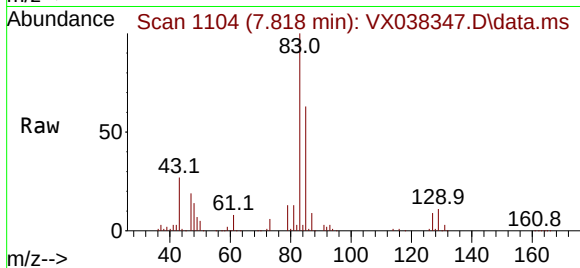
#47
Bromodichloromethane
Concen: 54.930 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 128944
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 8.9 7.1 10.7

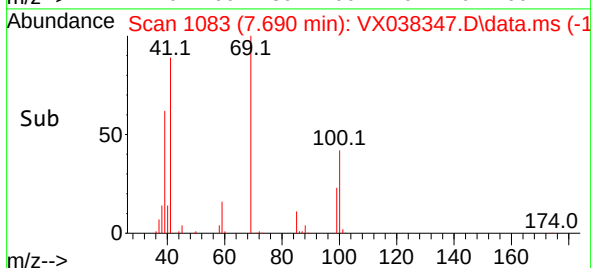
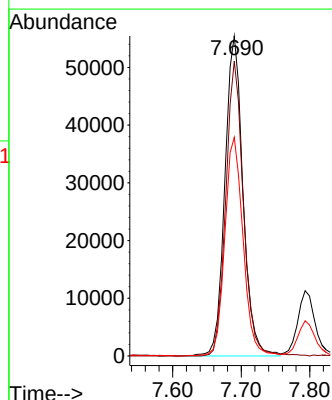
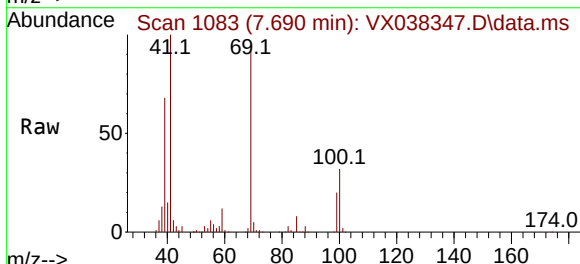
Manual Integrations
APPROVED

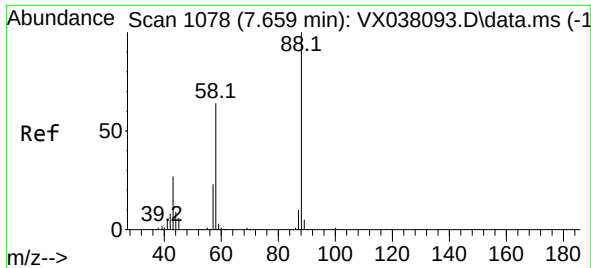
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#48
Methyl methacrylate
Concen: 51.076 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

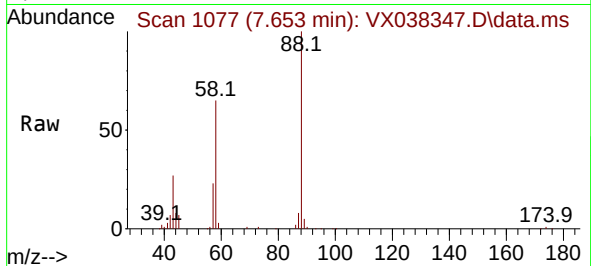
Tgt Ion: 41 Resp: 101601
Ion Ratio Lower Upper
41 100
69 89.6 59.2 88.8#
39 68.9 47.7 71.5





#49
1,4-Dioxane
Concen: 898.629 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

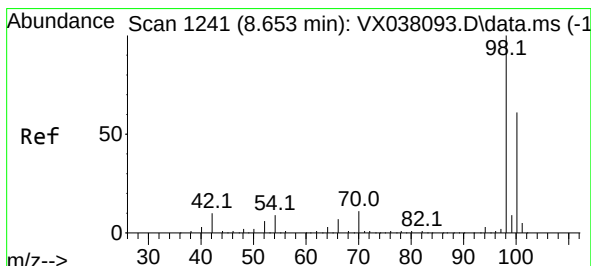
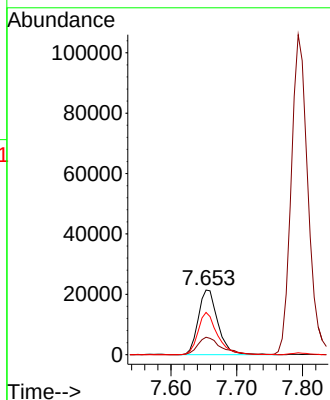
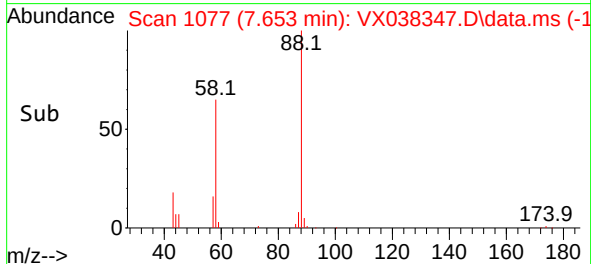
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 44049
Ion Ratio Lower Upper
88 100
43 32.6 0.0 0.0
58 64.8 60.1 90.1

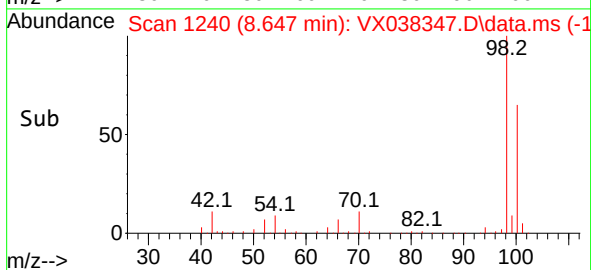
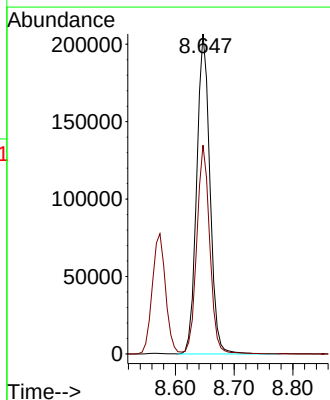
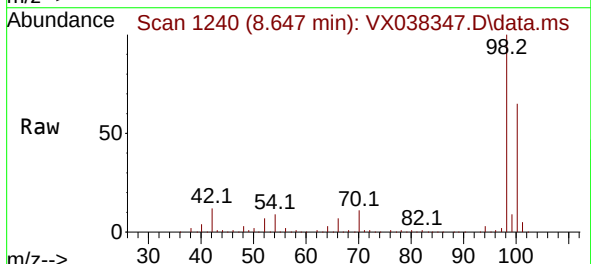
Manual Integrations
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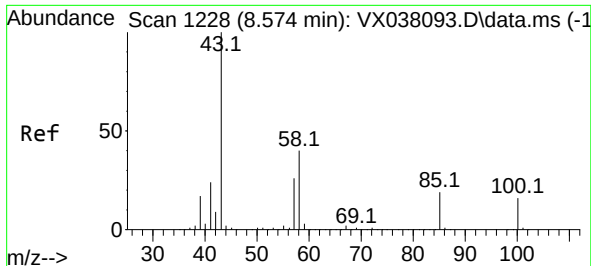
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#50
Toluene-d8
Concen: 49.641 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 98 Resp: 323297
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 261.799 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 75244

Ion Ratio Lower Upper

43 100

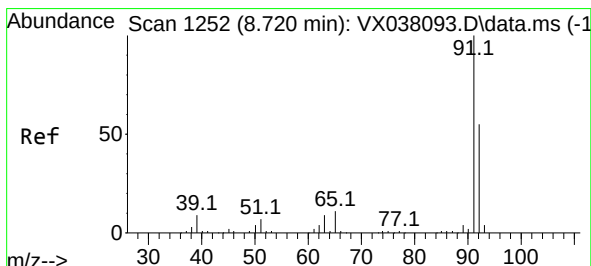
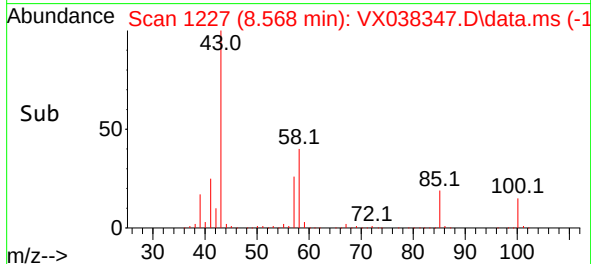
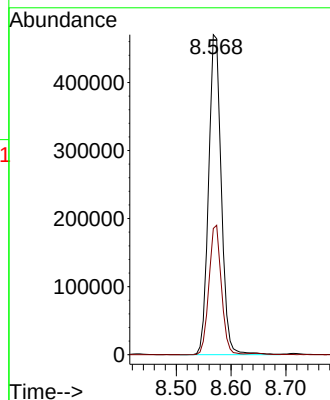
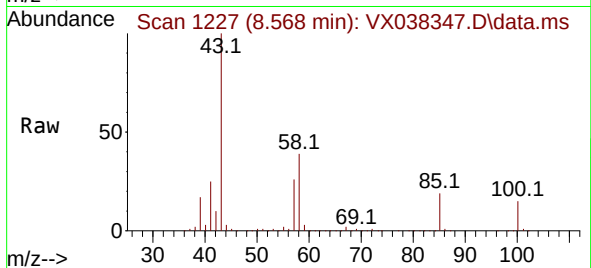
58 39.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#52

Toluene

Concen: 55.326 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038347.D

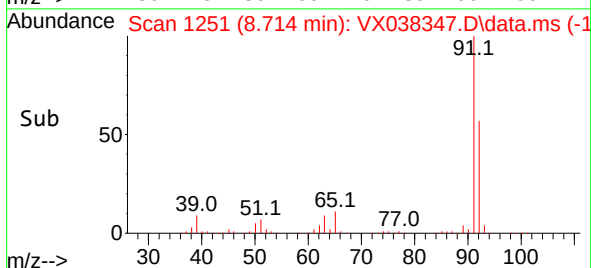
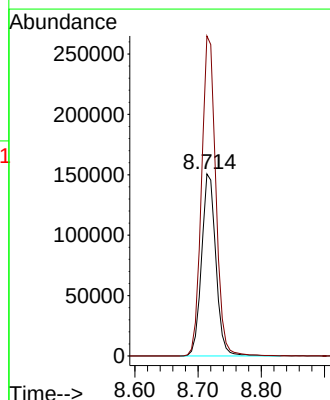
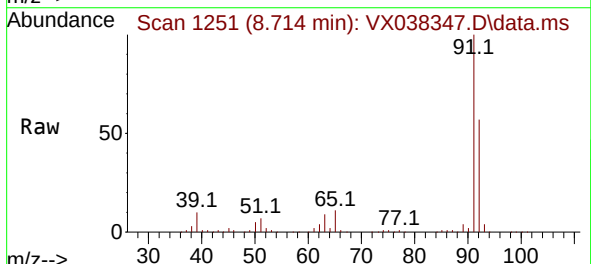
Acq: 18 Oct 2023 08:55

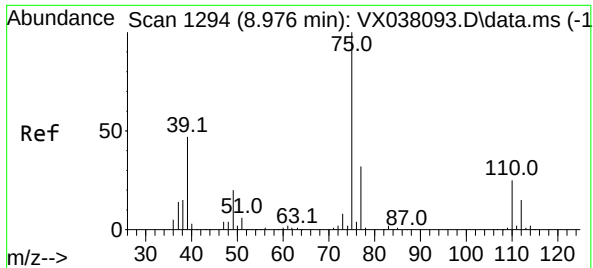
Tgt Ion: 92 Resp: 236906

Ion Ratio Lower Upper

92 100

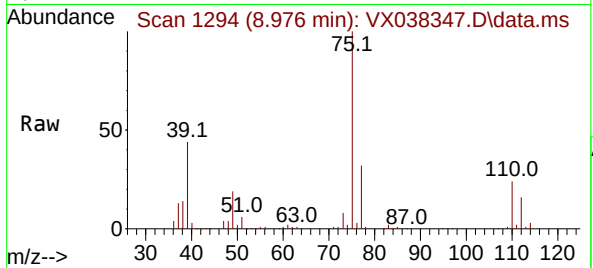
91 176.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 56.813 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

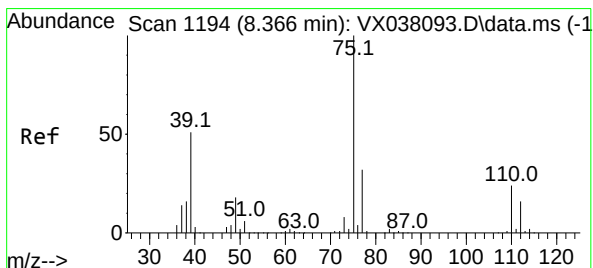
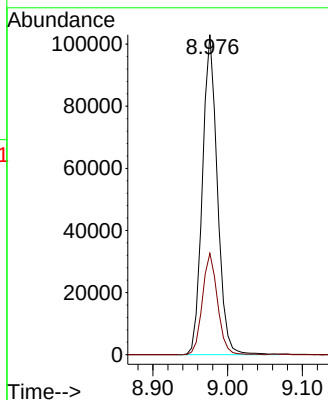
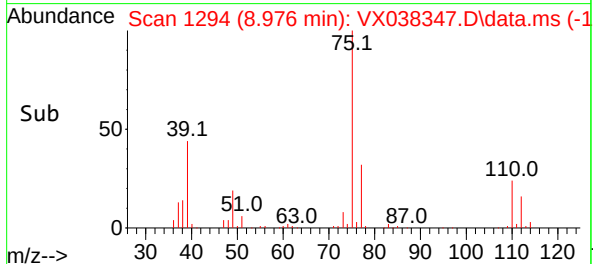
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



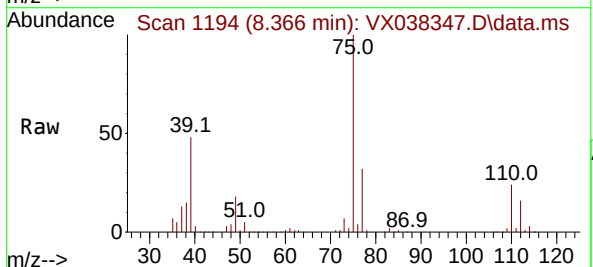
Tgt Ion: 75 Resp: 14315
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations
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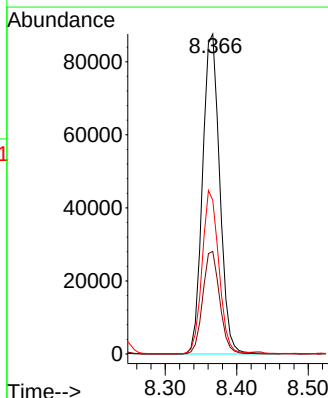
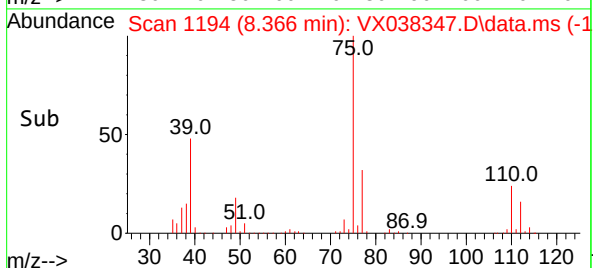
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

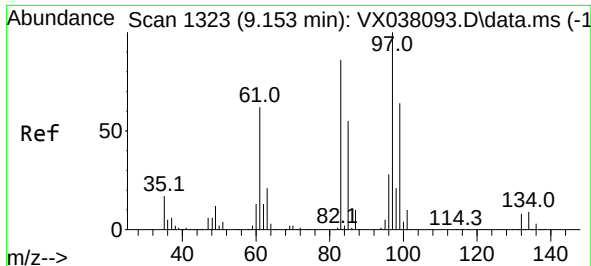


#54
cis-1,3-Dichloropropene
Concen: 55.197 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



Tgt Ion: 75 Resp: 146125
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 47.9 46.7 70.1





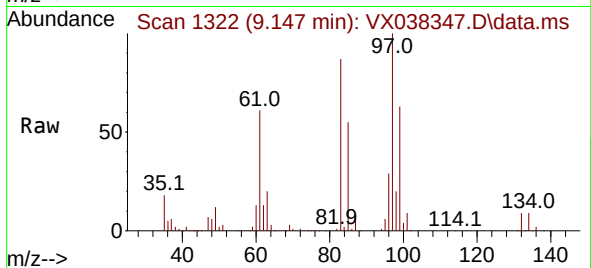
#55
1,1,2-Trichloroethane
Concen: 54.644 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



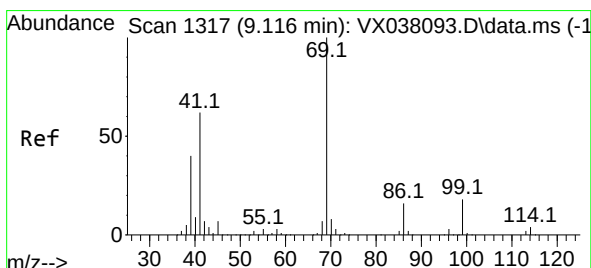
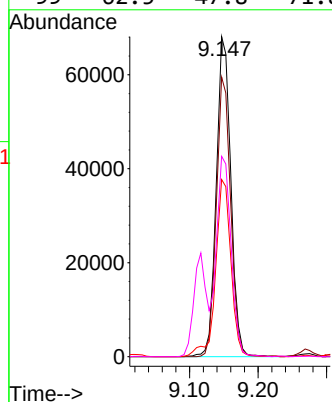
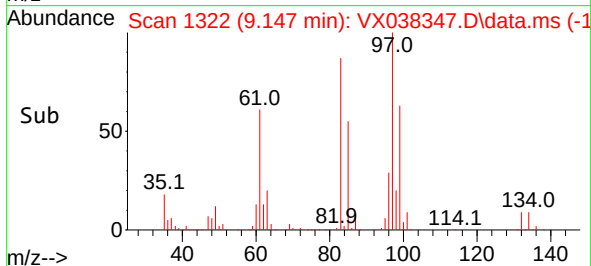
Tgt Ion: 97 Resp: 100083
Ion Ratio Lower Upper
97 100
83 87.4 65.8 98.8
85 55.4 41.6 62.4
99 62.5 47.8 71.8

Manual Integrations

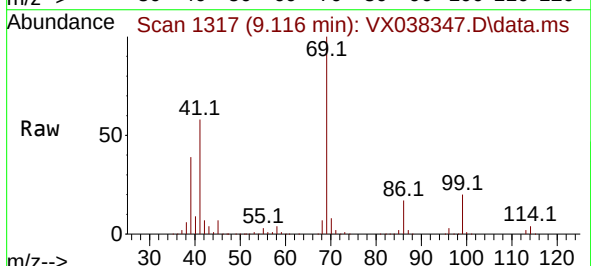
APPROVED

Reviewed By :John Carlone 10/19/2023

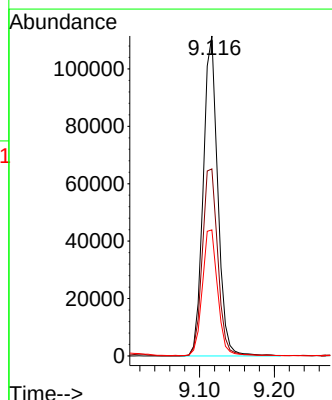
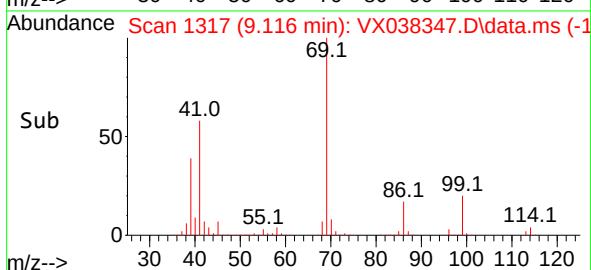
Supervised By :Mahesh Dadoda 10/20/2023

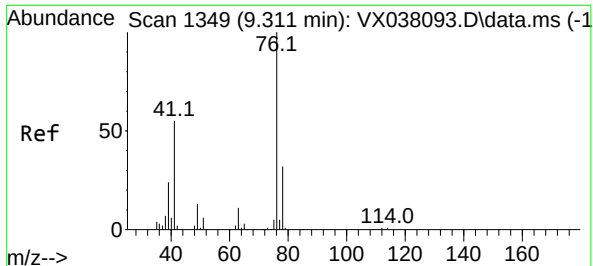


#56
Ethyl methacrylate
Concen: 53.733 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



Tgt Ion: 69 Resp: 150891
Ion Ratio Lower Upper
69 100
41 62.3 56.8 85.2
39 41.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.404 ug/l

RT: 9.305 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 161160

Ion Ratio Lower Upper

76 100

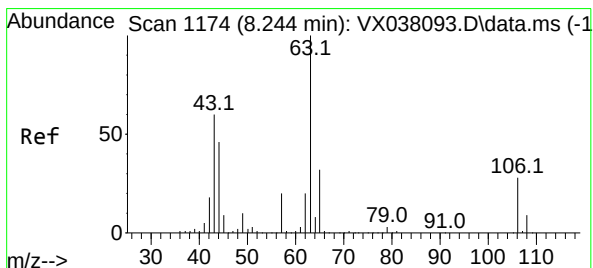
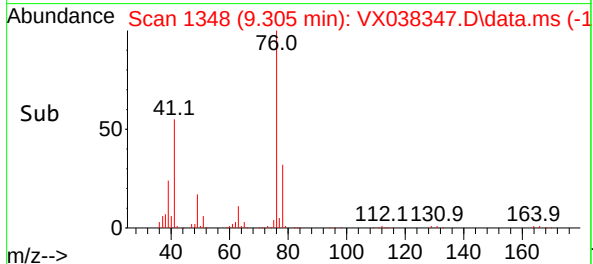
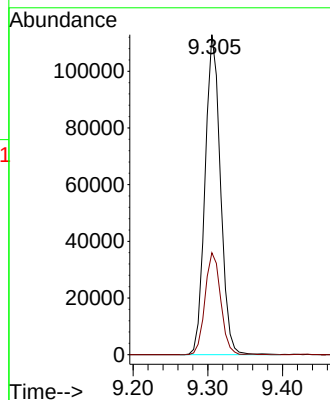
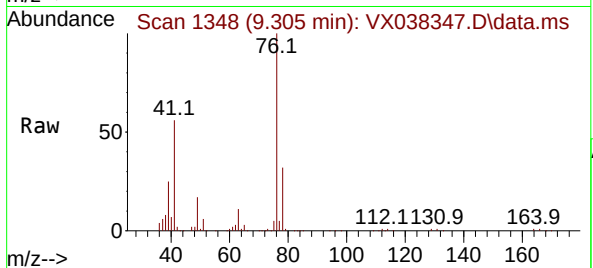
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.073 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038347.D

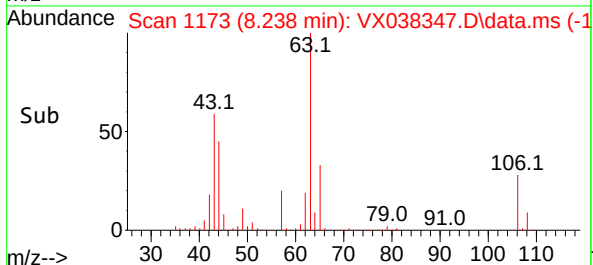
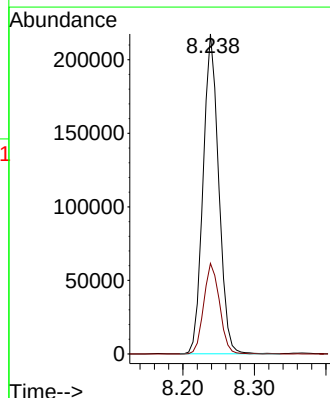
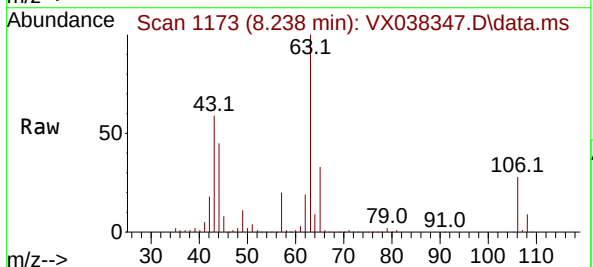
Acq: 18 Oct 2023 08:55

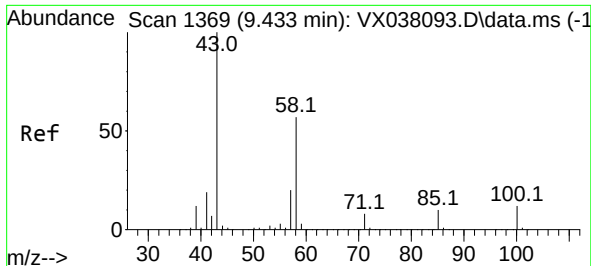
Tgt Ion: 63 Resp: 329542

Ion Ratio Lower Upper

63 100

106 28.7 22.5 33.7





#59

2-Hexanone

Concen: 272.857 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 630459

Ion Ratio Lower Upper

43 100

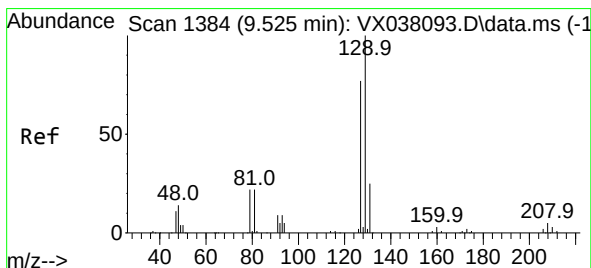
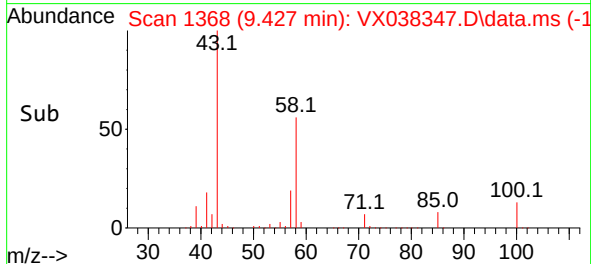
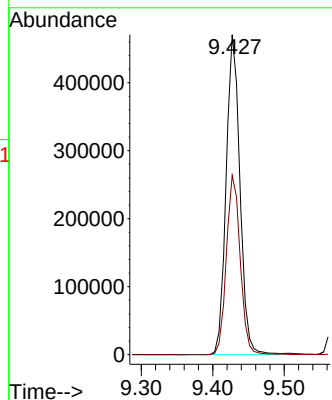
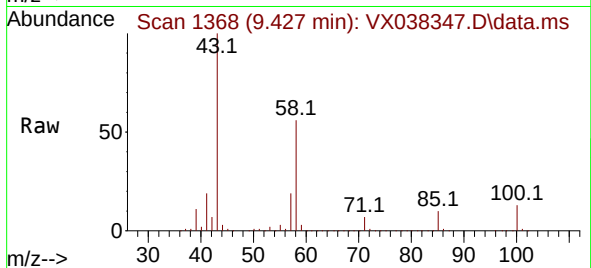
58 56.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#60

Dibromochloromethane

Concen: 59.247 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038347.D

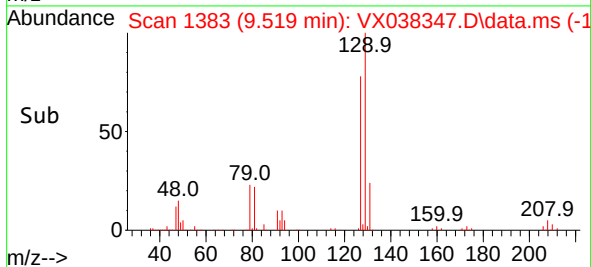
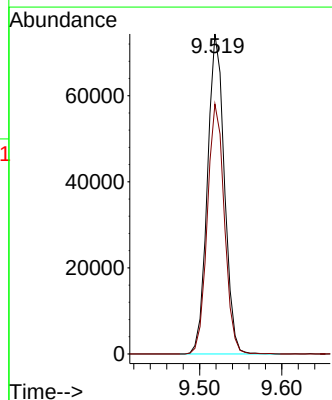
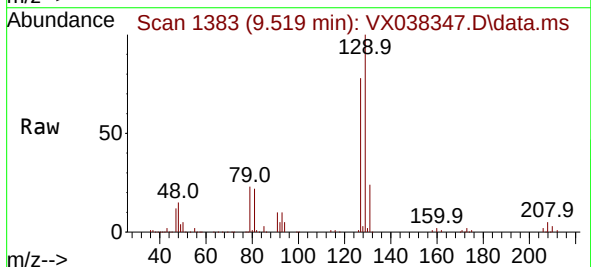
Acq: 18 Oct 2023 08:55

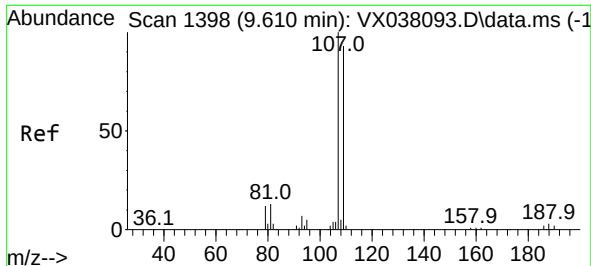
Tgt Ion:129 Resp: 106204

Ion Ratio Lower Upper

129 100

127 78.6 38.8 116.4





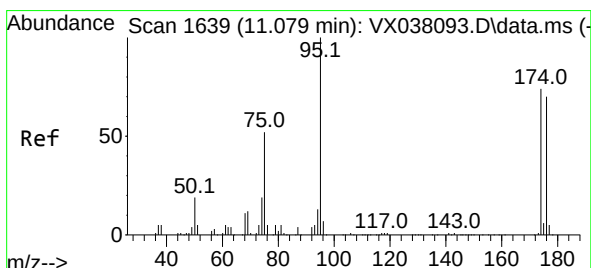
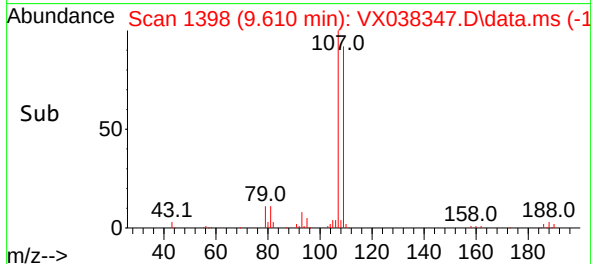
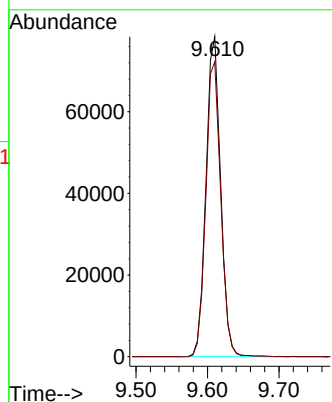
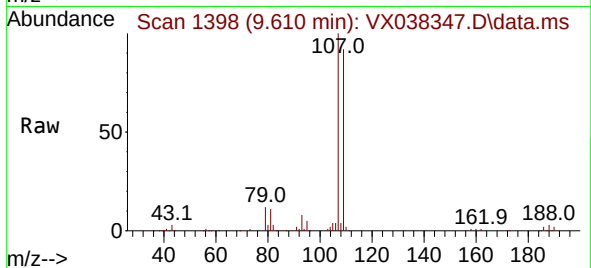
#61
1,2-Dibromoethane
Concen: 56.347 ug/l
RT: 9.610 min Scan# 11160
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 11160
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

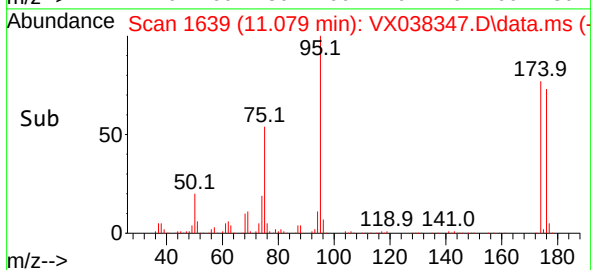
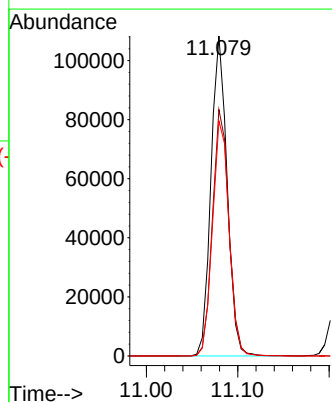
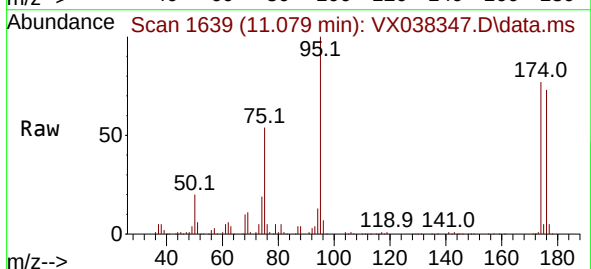
Manual Integrations
APPROVED

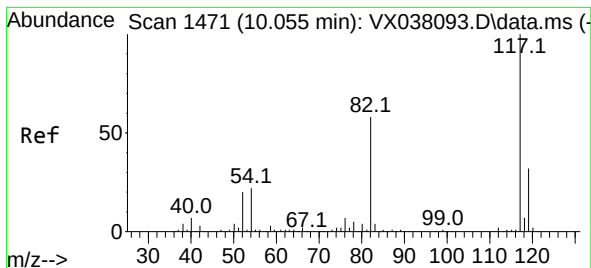
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#62
4-Bromofluorobenzene
Concen: 53.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 95 Resp: 132664
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 75.7 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: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 24639

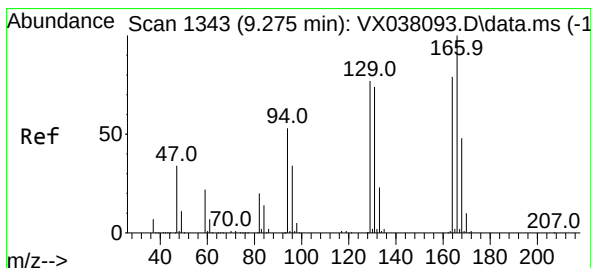
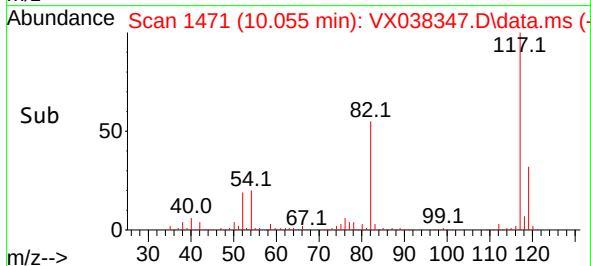
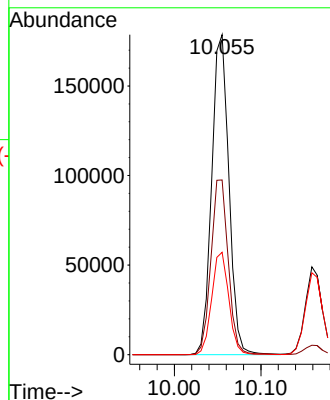
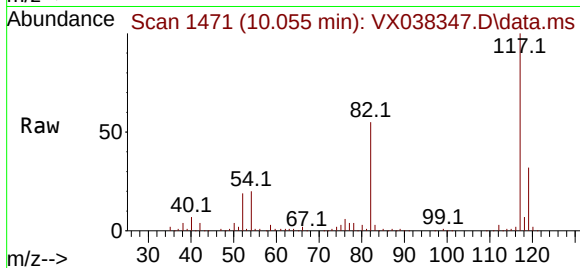
Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.2	69.4
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#64

Tetrachloroethene

Concen: 51.975 ug/l

RT: 9.275 min Scan# 1343

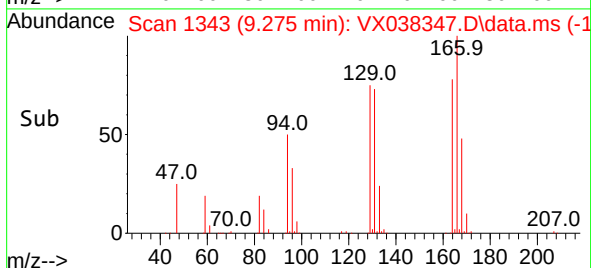
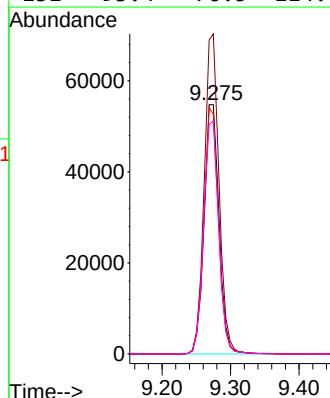
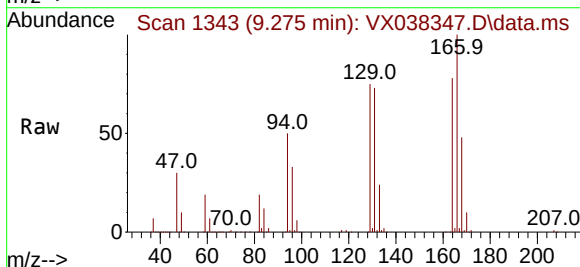
Delta R.T. -0.000 min

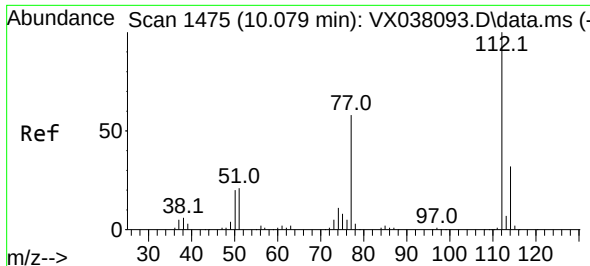
Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Tgt Ion:164 Resp: 82904

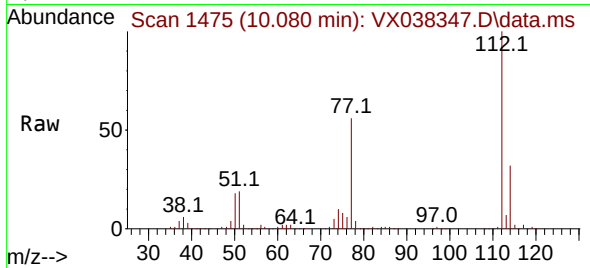
Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.7	154.1
129	96.1	80.4	120.6
131	93.4	76.5	114.7





#65
Chlorobenzene
Concen: 51.659 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

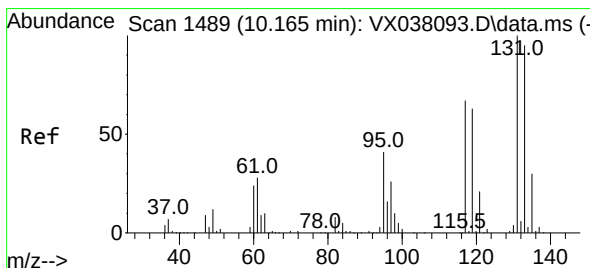
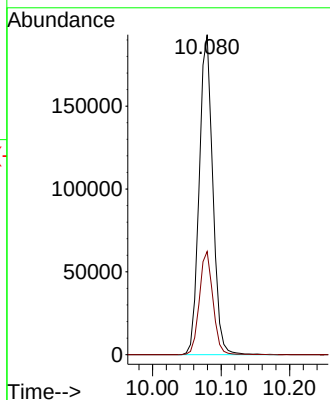
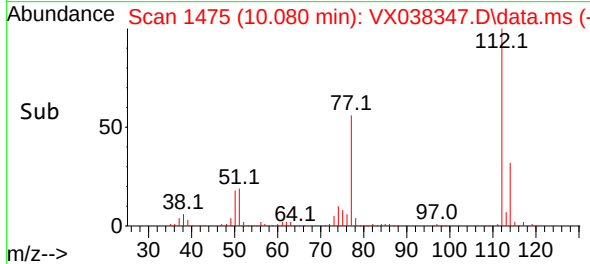
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



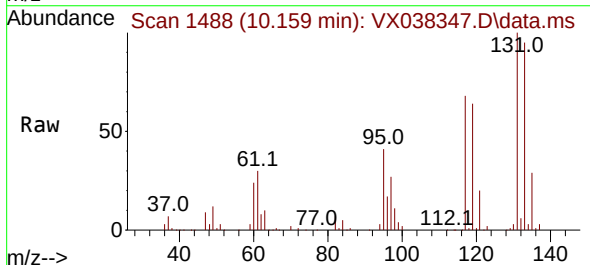
Tgt Ion:112 Resp: 26634
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
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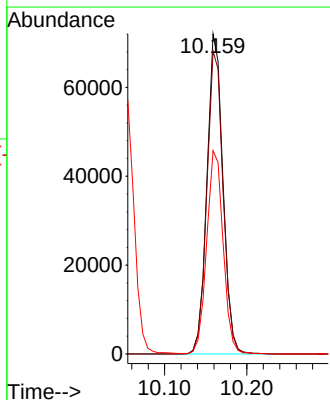
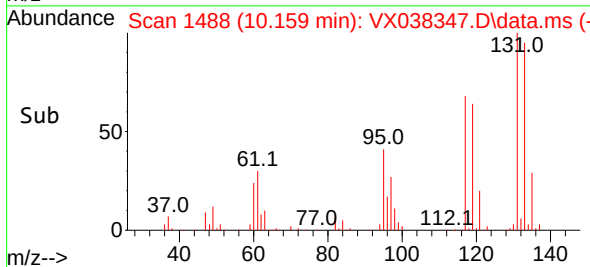
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

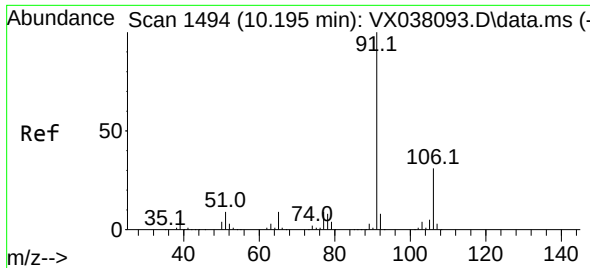


#66
1,1,1,2-Tetrachloroethane
Concen: 55.674 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



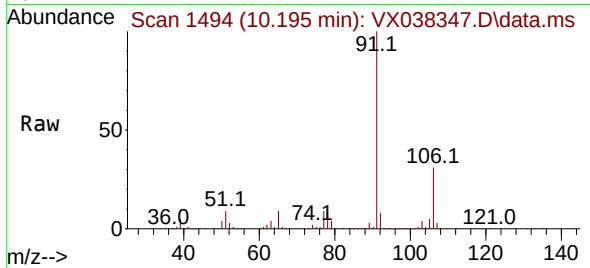
Tgt Ion:131 Resp: 97066
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 52.538 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

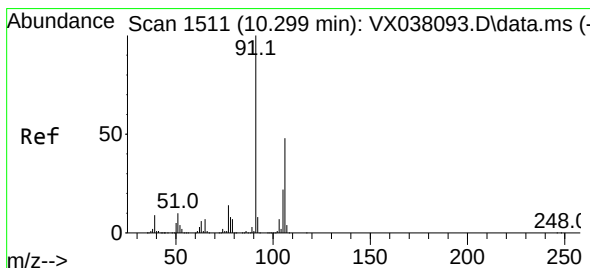
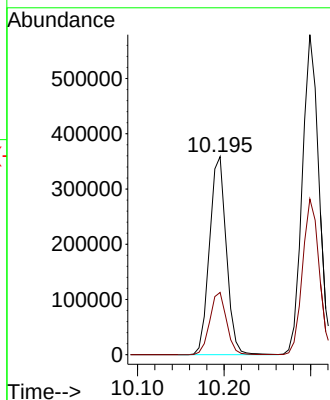
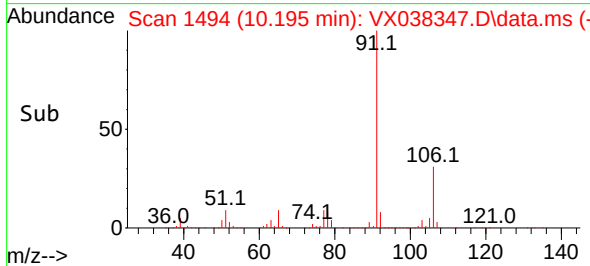
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



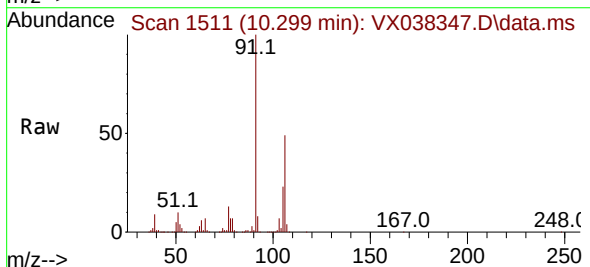
Tgt Ion: 91 Resp: 483514
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

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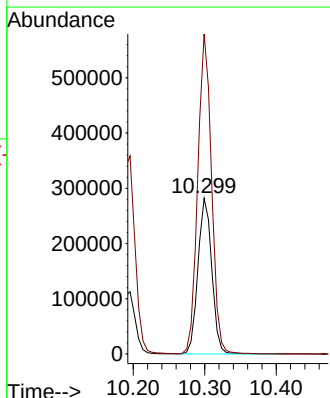
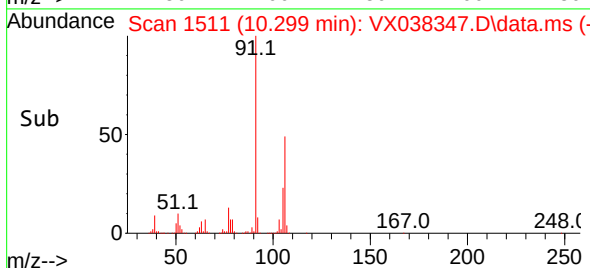
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

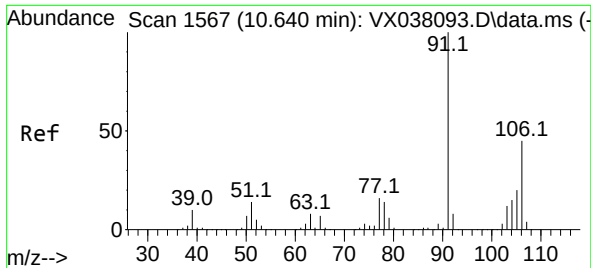


#68
m/p-Xylenes
Concen: 106.376 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



Tgt Ion:106 Resp: 378541
Ion Ratio Lower Upper
106 100
91 205.0 165.5 248.3





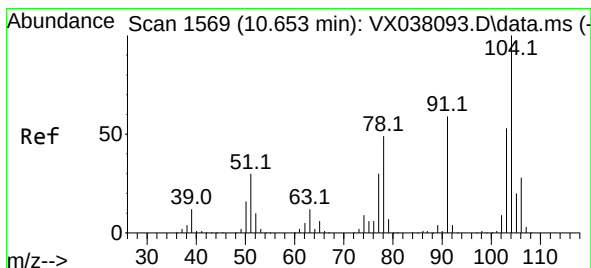
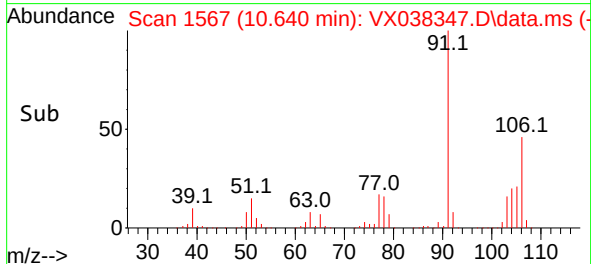
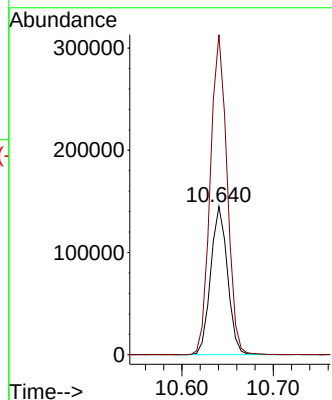
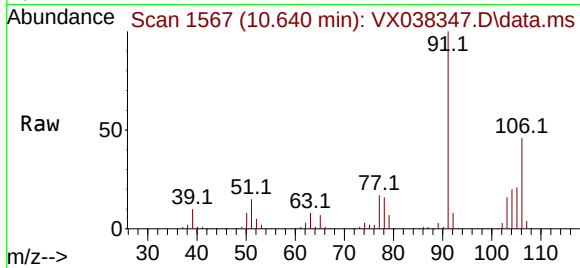
#69
o-Xylene
Concen: 53.207 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18479
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8

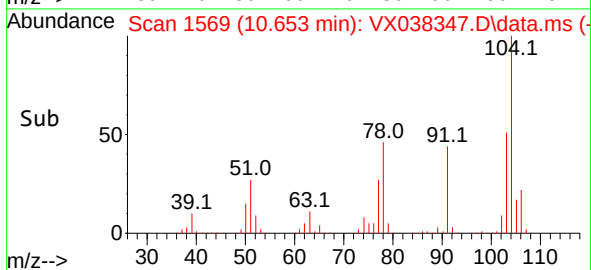
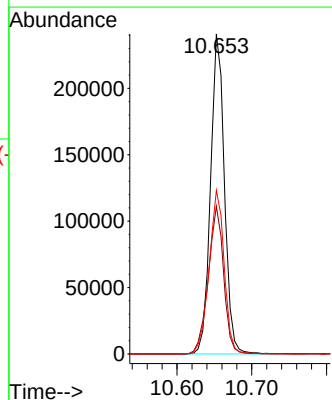
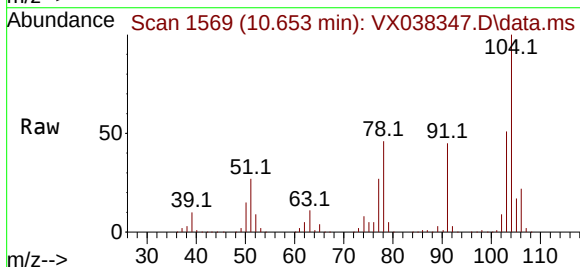
Manual Integrations
APPROVED

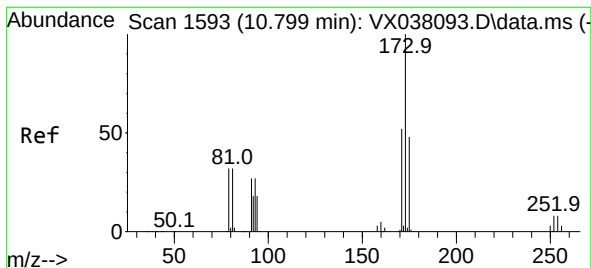
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Styrene
Concen: 54.977 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion:104 Resp: 310951
Ion Ratio Lower Upper
104 100
78 51.0 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 50.501 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

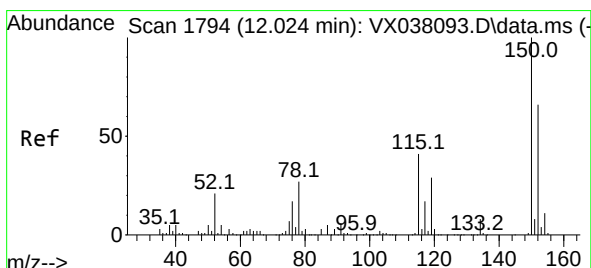
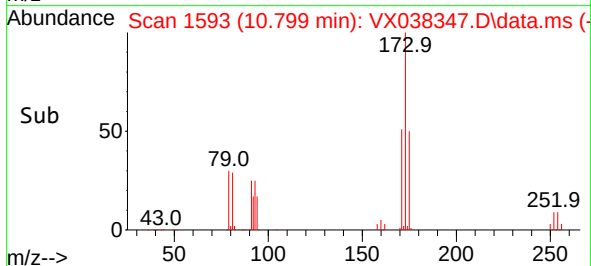
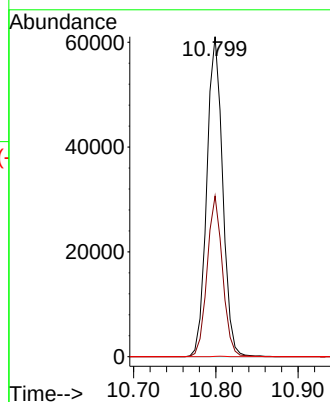
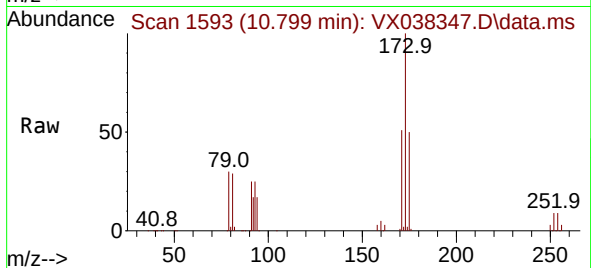
Tgt Ion:173 Resp: 81729
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

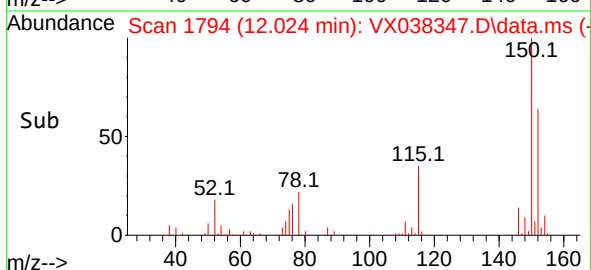
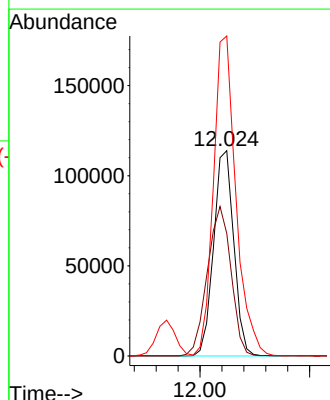
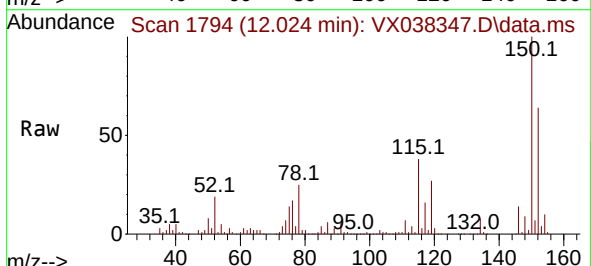
RT: 12.024 min Scan# 1794

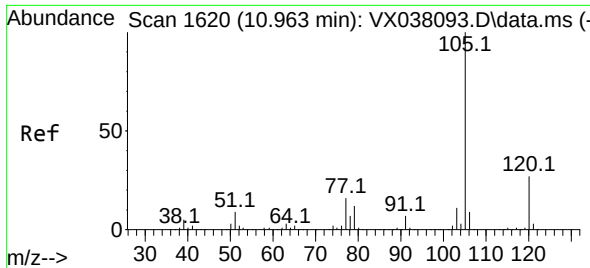
Delta R.T. 0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Tgt Ion:152 Resp: 145634
 Ion Ratio Lower Upper
 152 100
 115 85.4 43.3 129.9
 150 173.2 0.0 345.0





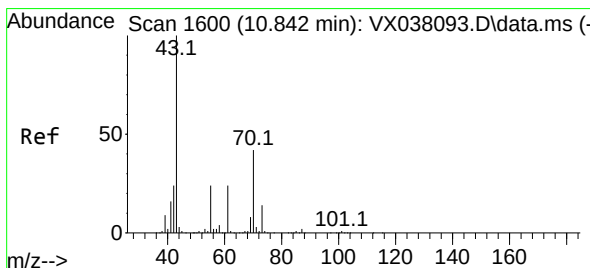
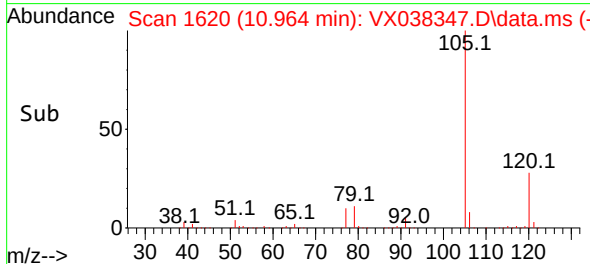
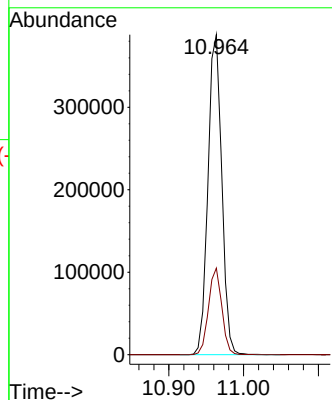
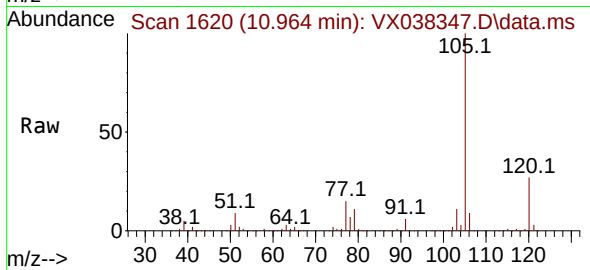
#73
Isopropylbenzene
Concen: 50.820 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 496340
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

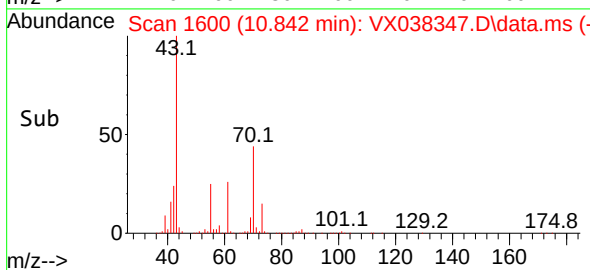
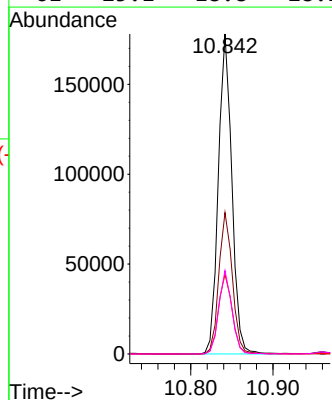
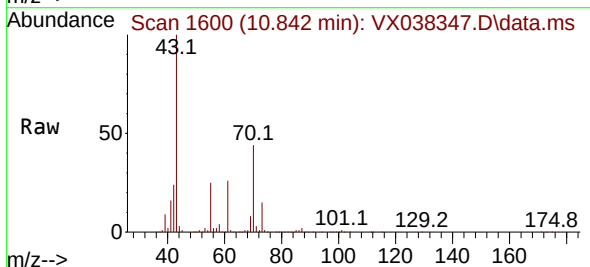
Manual Integrations
APPROVED

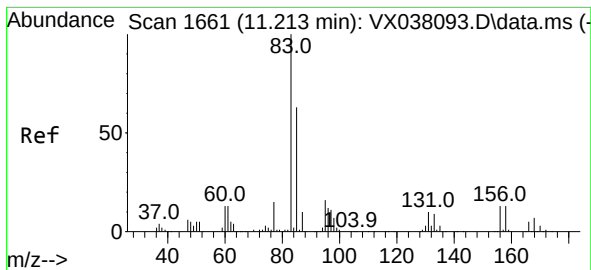
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#74
N-ethyl acetate
Concen: 48.707 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 43 Resp: 203141
Ion Ratio Lower Upper
43 100
70 44.4 32.9 49.3
55 25.5 19.3 28.9
61 25.1 18.8 28.2





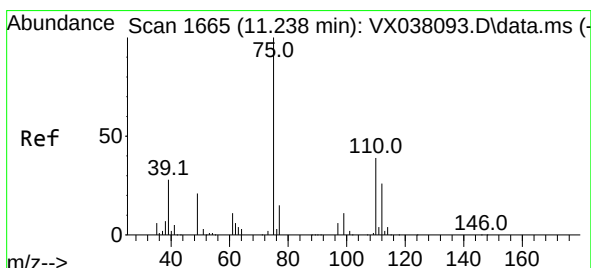
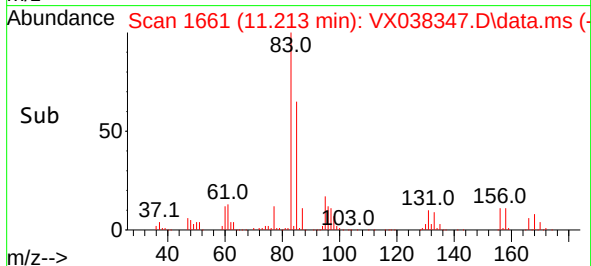
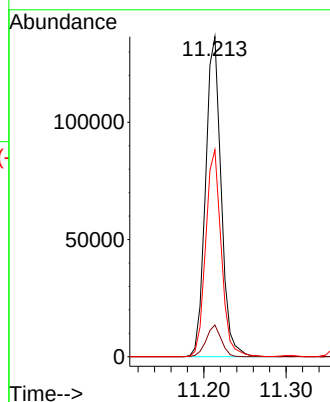
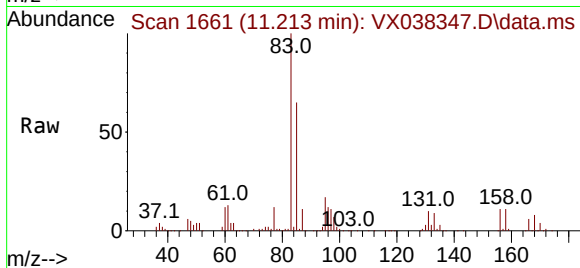
#75
1,1,2,2-Tetrachloroethane
Concen: 50.178 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17982
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.8 32.0 96.2

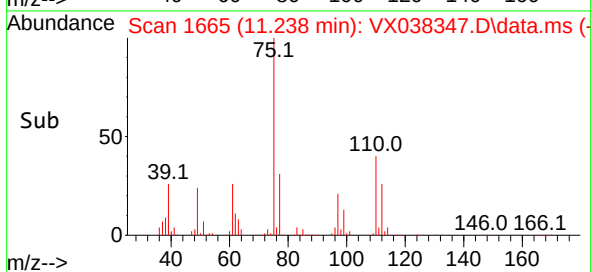
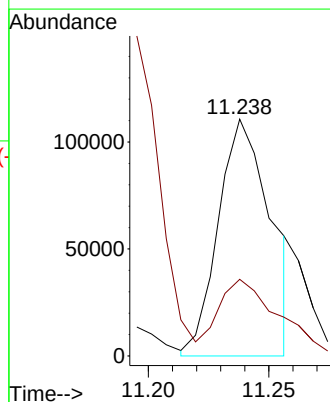
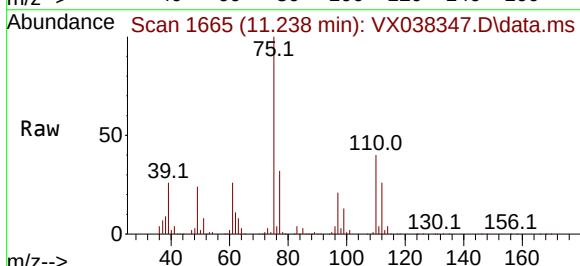
Manual Integrations
APPROVED

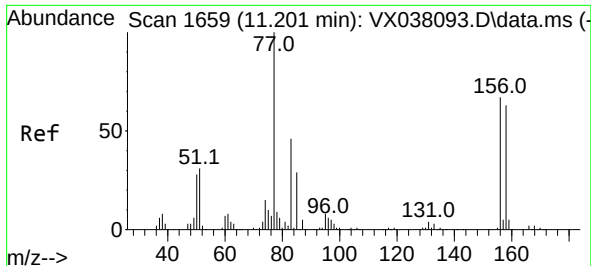
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 50.588 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 75 Resp: 167488
Ion Ratio Lower Upper
75 100
77 37.5 19.1 57.5





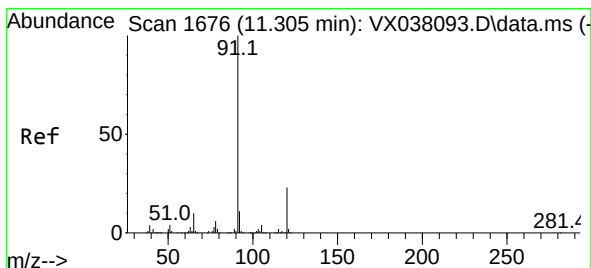
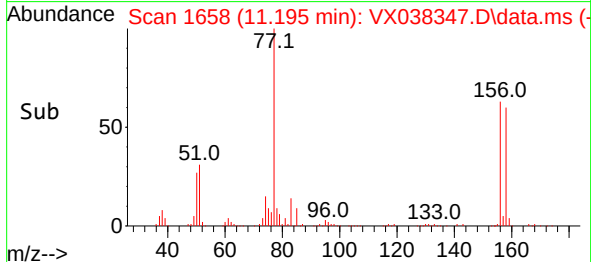
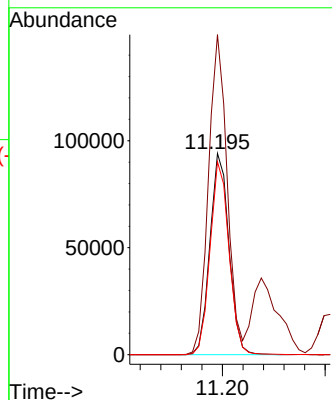
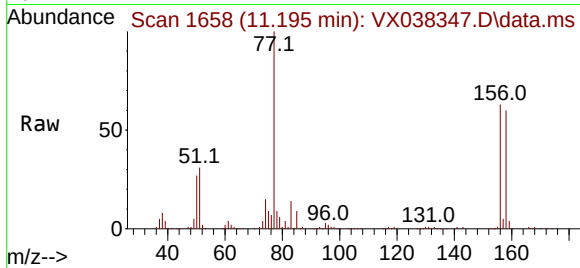
#77
Bromobenzene
Concen: 50.997 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 121600
Ion Ratio Lower Upper
156 100
77 155.6 88.4 265.3
158 95.0 48.0 144.0

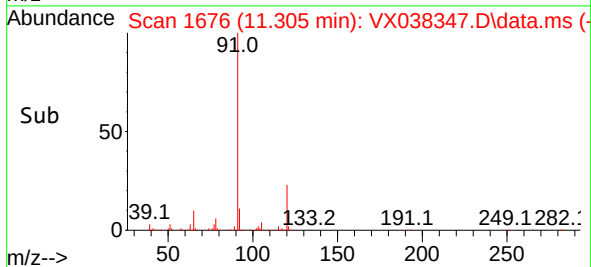
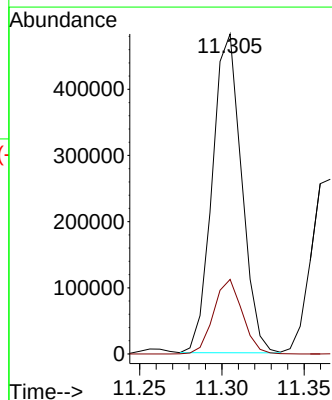
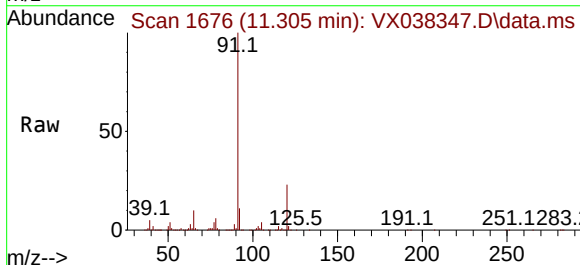
Manual Integrations
APPROVED

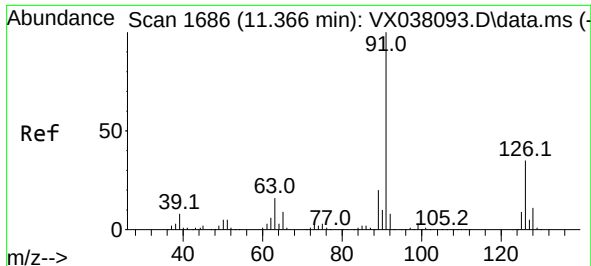
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#78
n-propylbenzene
Concen: 50.115 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 91 Resp: 598481
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





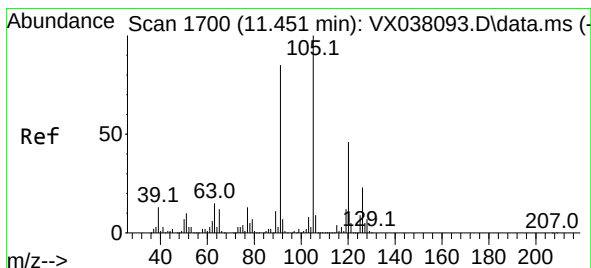
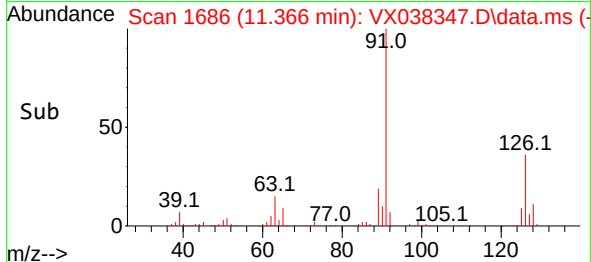
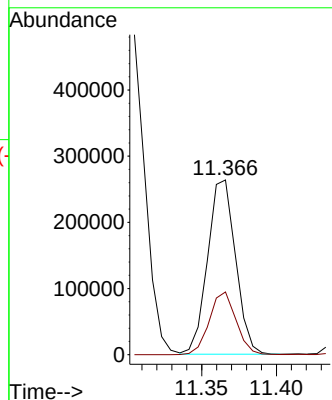
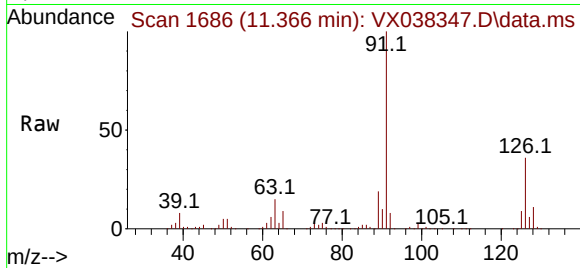
#79
2-Chlorotoluene
Concen: 48.400 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 342784
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

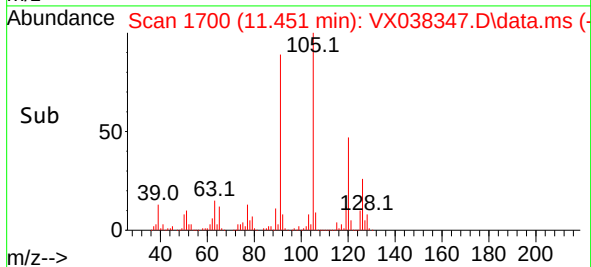
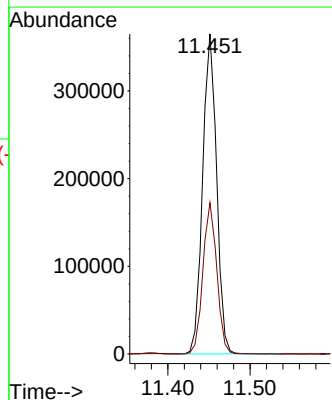
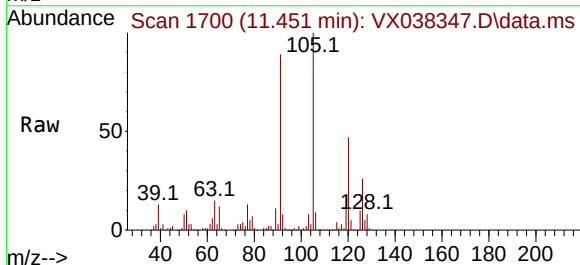
Manual Integrations
APPROVED

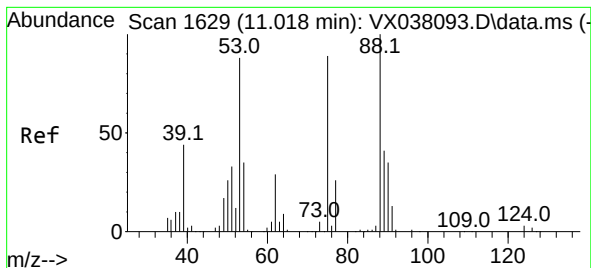
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion:105 Resp: 429835
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





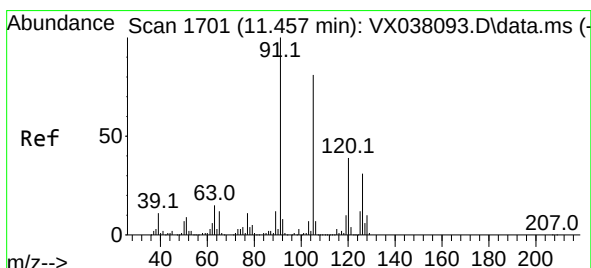
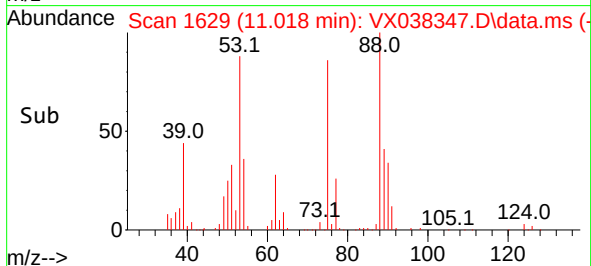
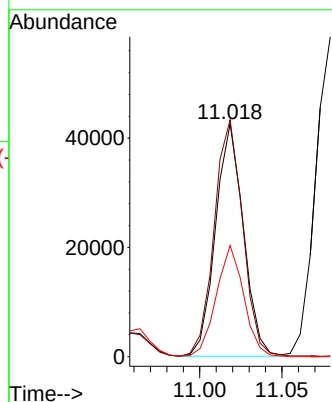
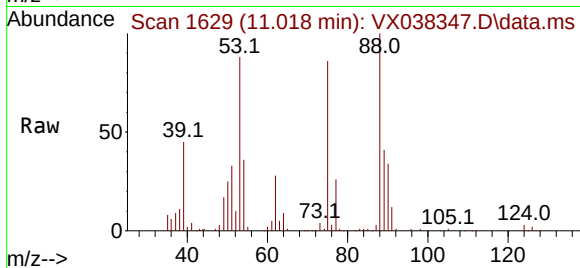
#81
trans-1,4-Dichloro-2-butene
Concen: 44.712 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5017
Ion Ratio Lower Upper
75 100
53 103.9 90.5 135.7
89 47.3 36.9 55.3

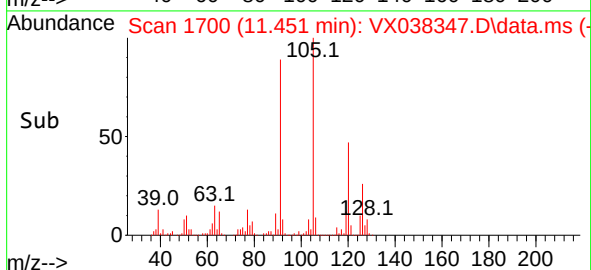
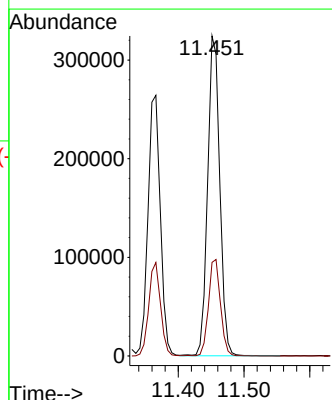
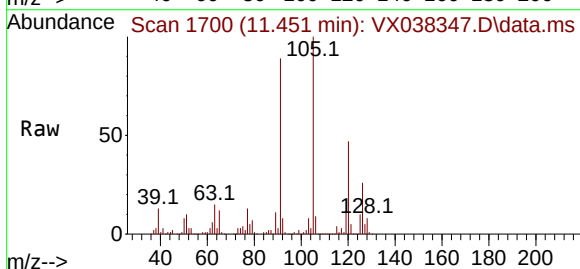
Manual Integrations
APPROVED

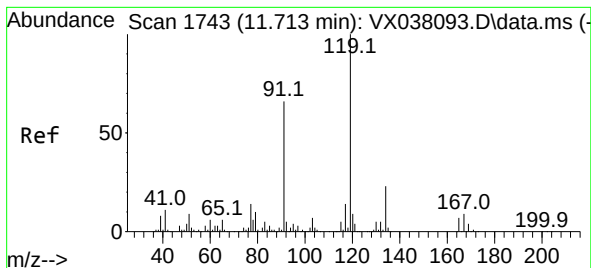
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#82
4-Chlorotoluene
Concen: 49.659 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Tgt Ion: 91 Resp: 416177
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.438 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 423509

Ion Ratio Lower Upper

119 100

91 59.4 31.2 93.6

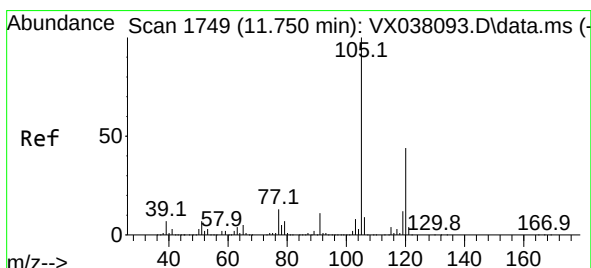
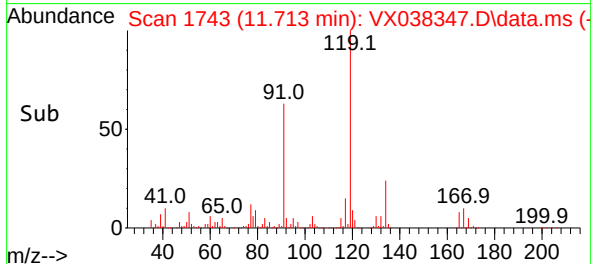
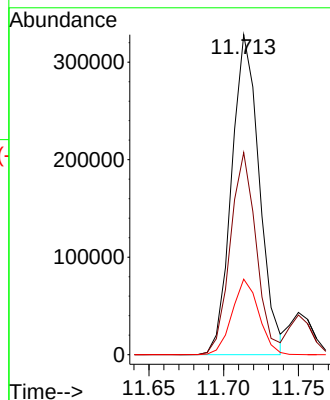
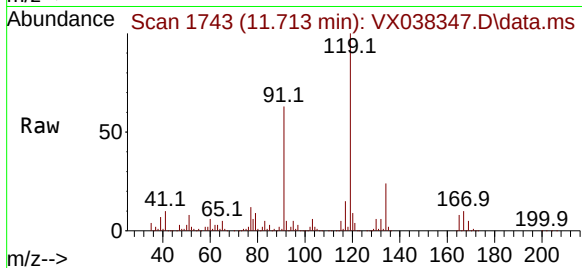
134 22.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.059 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038347.D

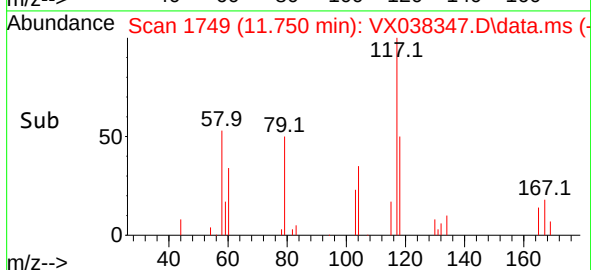
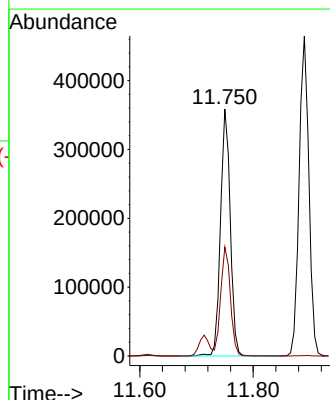
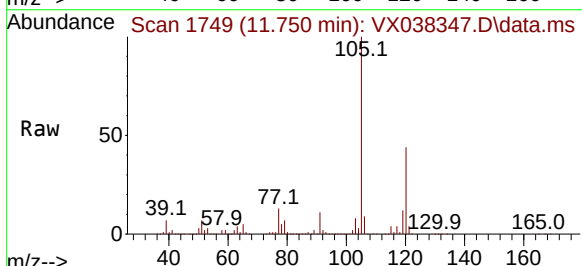
Acq: 18 Oct 2023 08:55

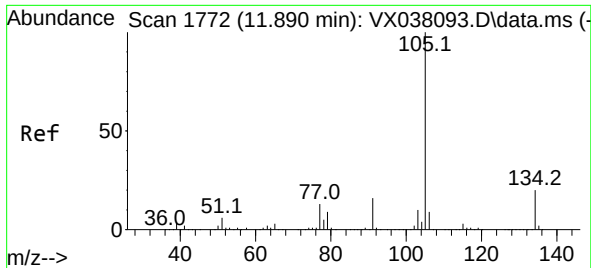
Tgt Ion:105 Resp: 428958

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6





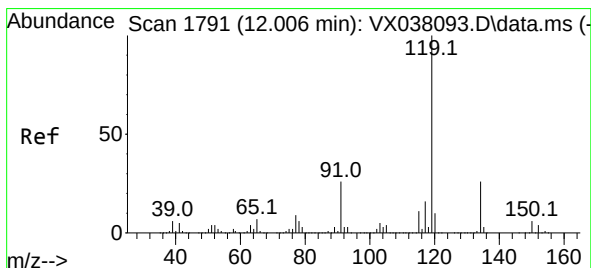
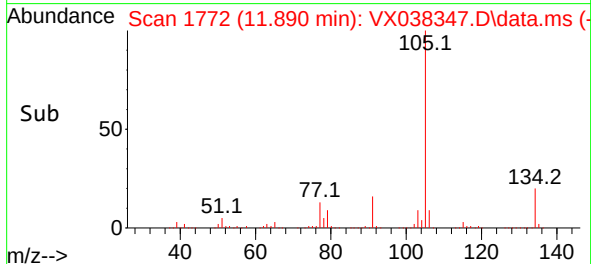
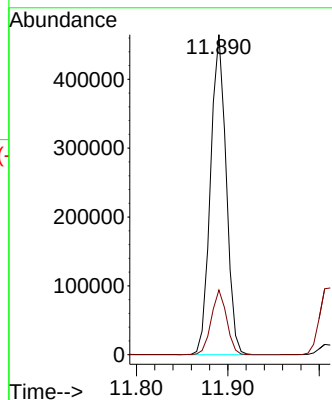
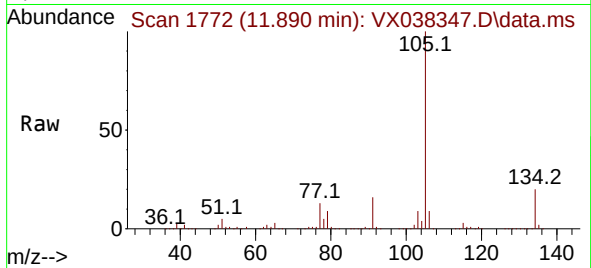
#85
 sec-Butylbenzene
 Concen: 51.718 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 551594
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

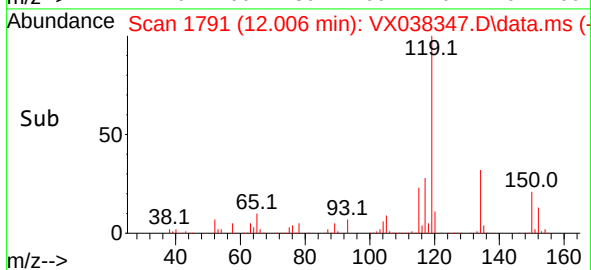
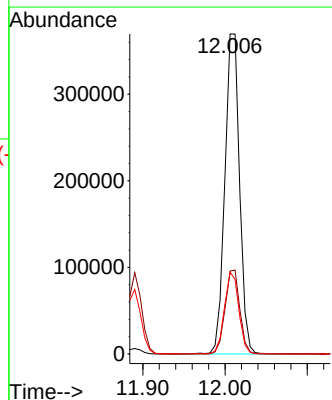
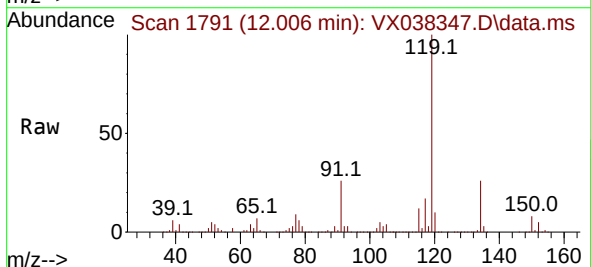
Manual Integrations
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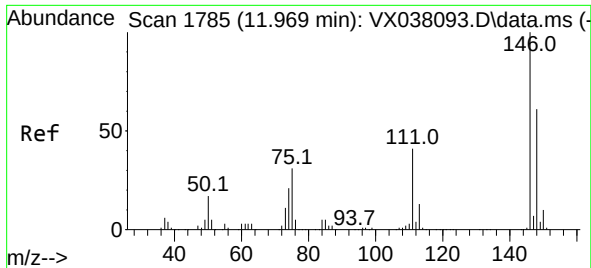
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 52.447 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038347.D
 Acq: 18 Oct 2023 08:55

Tgt Ion:119 Resp: 461503
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.458 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 241660

Ion Ratio Lower Upper

146 100

111 40.4 22.1 66.1

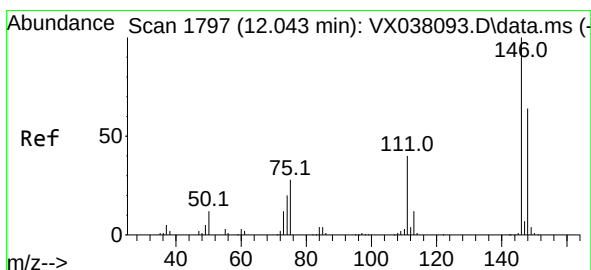
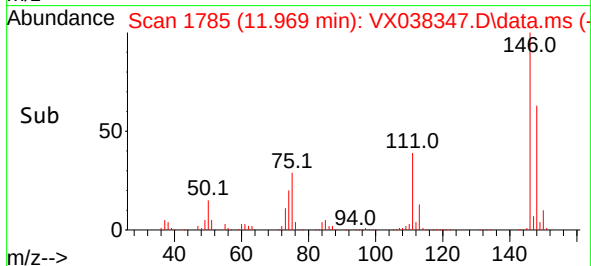
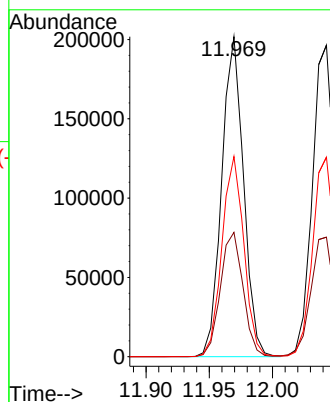
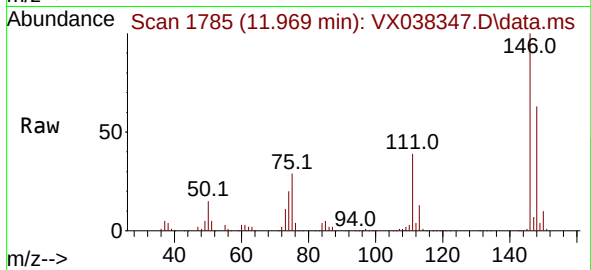
148 63.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 50.508 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

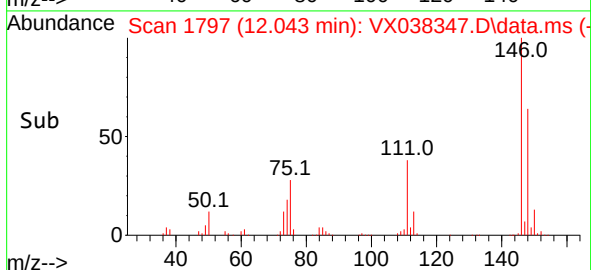
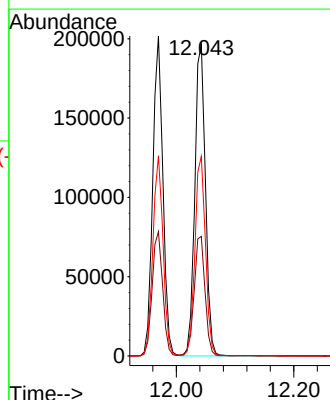
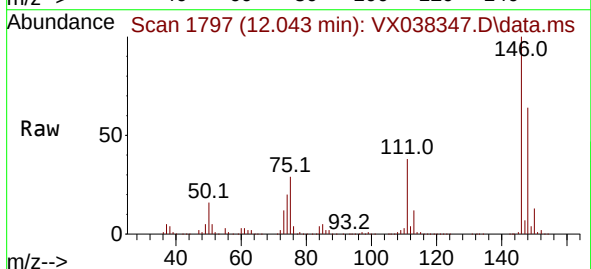
Tgt Ion:146 Resp: 246961

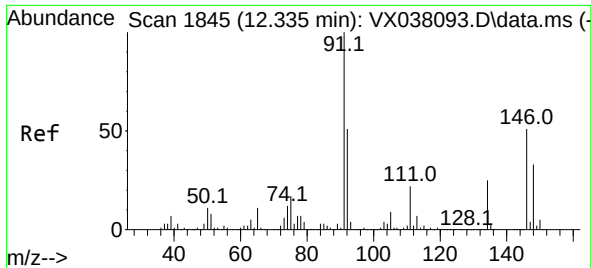
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

148 63.5 31.8 95.4





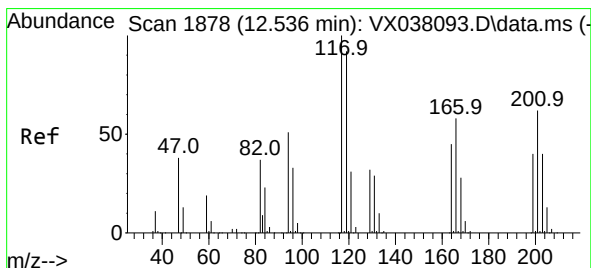
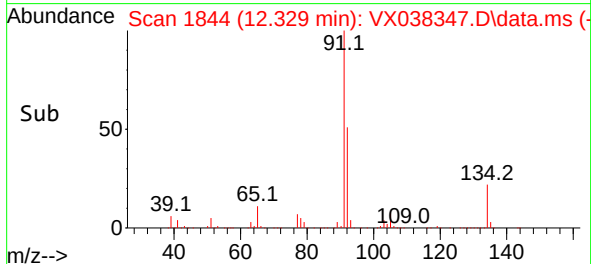
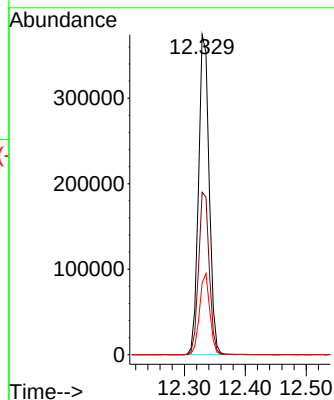
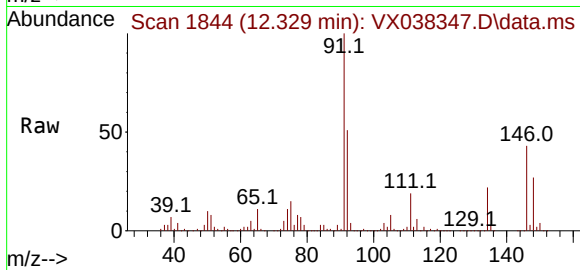
#89
n-Butylbenzene
Concen: 51.564 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 45187
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 24.5 12.6 37.8

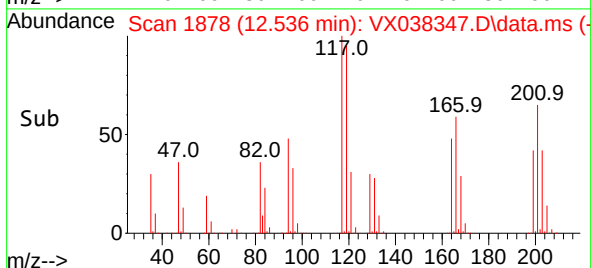
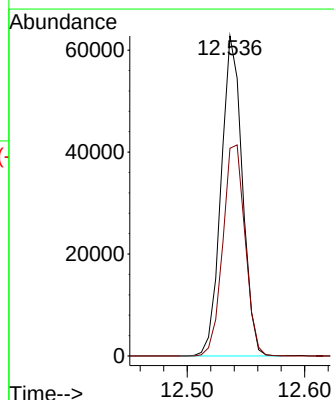
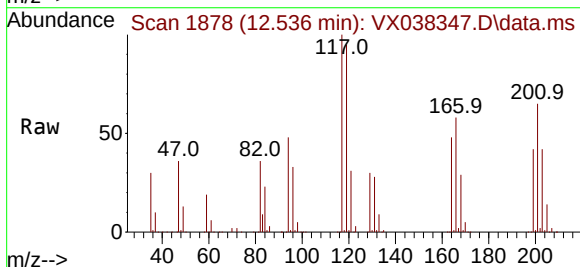
Manual Integrations
APPROVED

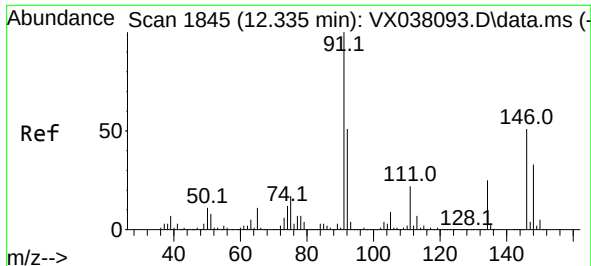
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#90
Hexachloroethane
Concen: 53.969 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

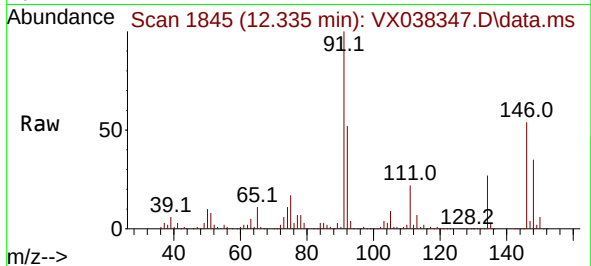
Tgt Ion:117 Resp: 78739
Ion Ratio Lower Upper
117 100
201 69.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.164 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

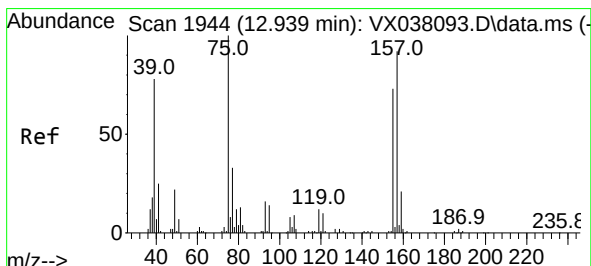
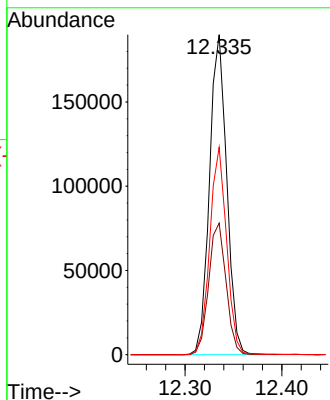
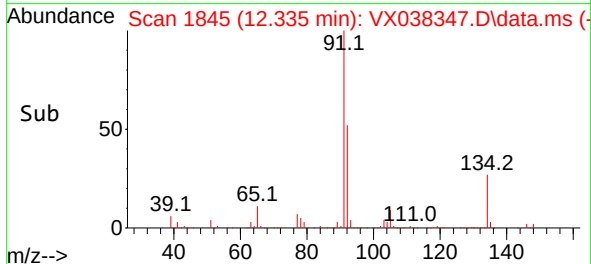
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



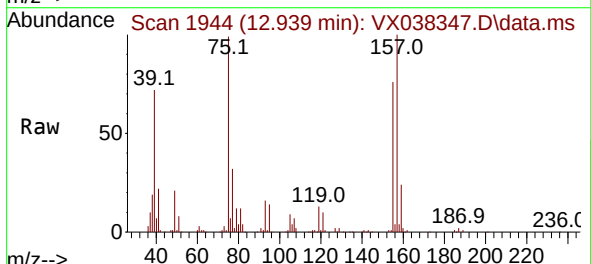
Tgt Ion:146 Resp: 235539
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
APPROVED

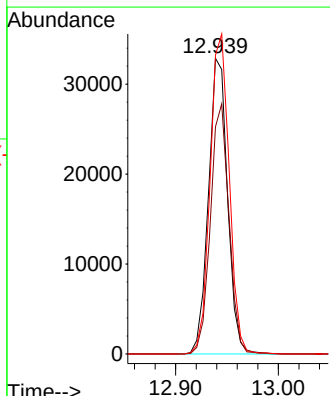
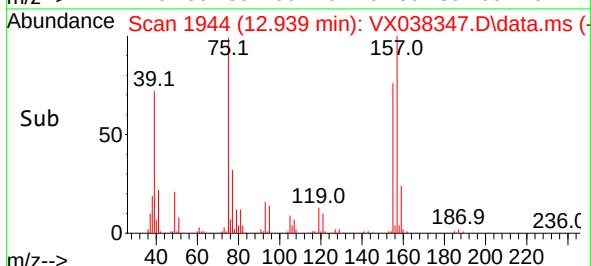
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

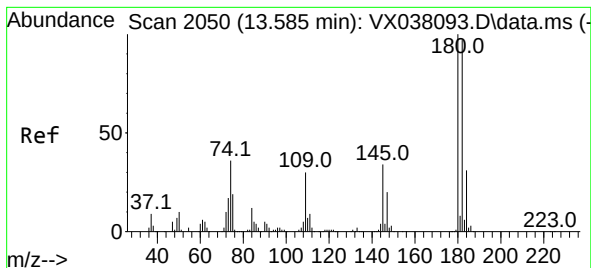


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.896 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



Tgt Ion: 75 Resp: 42368
Ion Ratio Lower Upper
75 100
155 82.2 36.1 108.5
157 108.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.764 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 153650

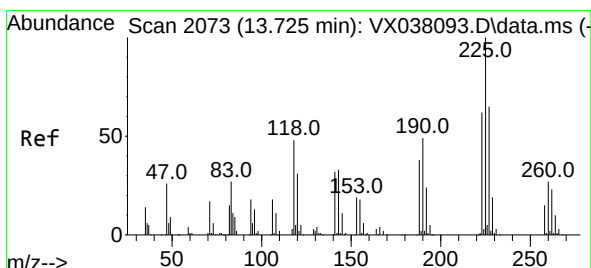
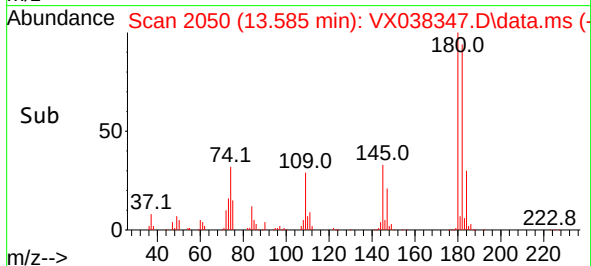
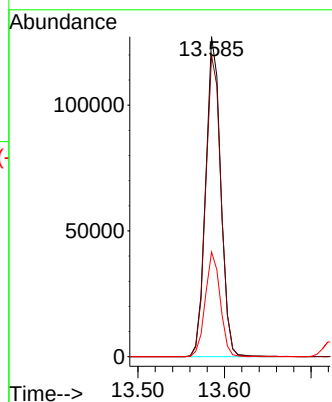
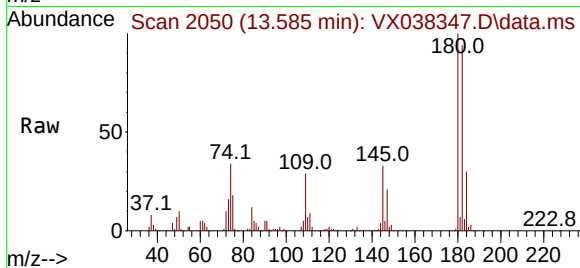
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.3	144.8
145	32.3	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#94

Hexachlorobutadiene

Concen: 54.245 ug/l

RT: 13.725 min Scan# 2073

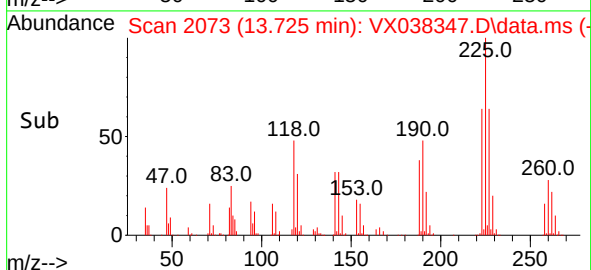
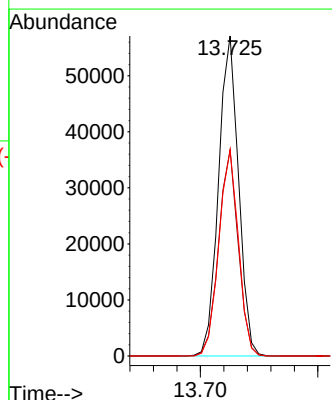
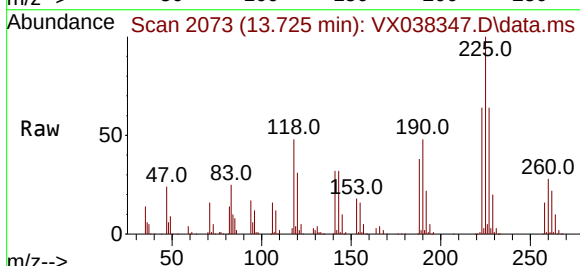
Delta R.T. 0.000 min

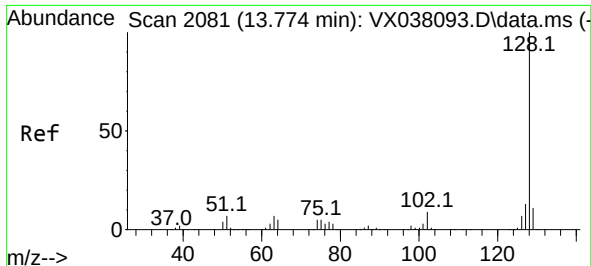
Lab File: VX038347.D

Acq: 18 Oct 2023 08:55

Tgt Ion:225 Resp: 67414

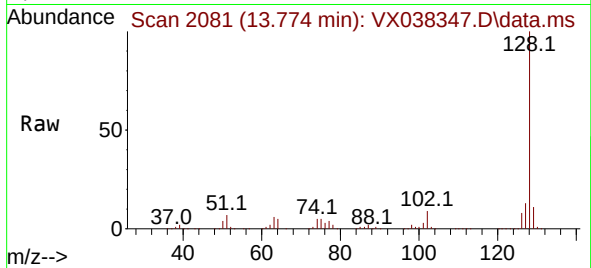
Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	63.2	32.5	97.5





#95
Naphthalene
Concen: 48.278 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55

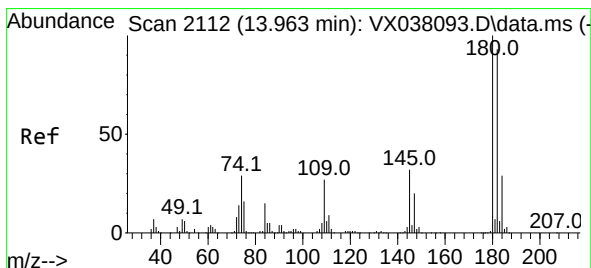
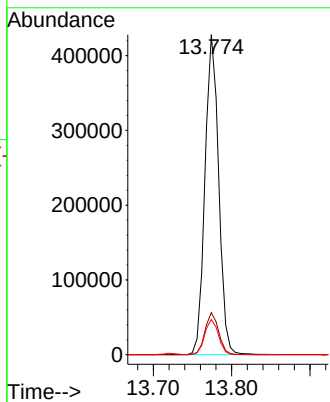
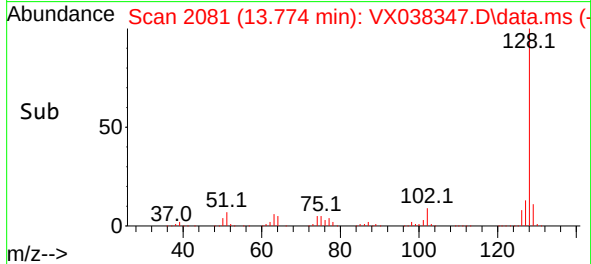
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



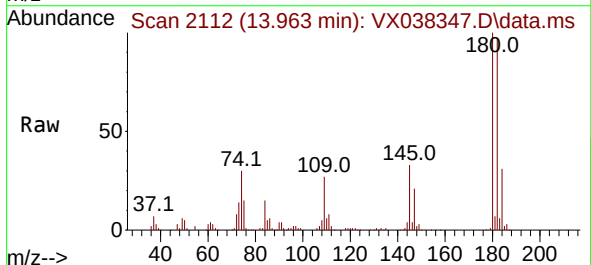
Tgt Ion:128 Resp: 519119
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.422 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038347.D
Acq: 18 Oct 2023 08:55



Tgt Ion:180 Resp: 150747
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 33.2 17.8 53.5

