

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038946.D
 Acq On : 20 Nov 2023 10:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 00:14:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249923	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	230008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101402	45.016	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.040%		
35) Dibromofluoromethane	5.379	113	82847	45.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.800%		
50) Toluene-d8	8.647	98	310921	45.022	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.040%#		
62) 4-Bromofluorobenzene	11.079	95	124271	44.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83719	51.325	ug/l	98
3) Chloromethane	1.295	50	88637	41.633	ug/l	100
4) Vinyl Chloride	1.374	62	93497	45.590	ug/l	99
5) Bromomethane	1.599	94	63518	74.910	ug/l	100
6) Chloroethane	1.685	64	57643	49.253	ug/l	98
7) Trichlorofluoromethane	1.886	101	133283	51.216	ug/l	99
8) Diethyl Ether	2.130	74	53740	47.412	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	81893	47.451	ug/l	98
10) Methyl Iodide	2.453	142	92017	43.806	ug/l	92
11) Tert butyl alcohol	2.947	59	136358	217.645	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	78675	45.154	ug/l	90
13) Acrolein	2.233	56	85369	257.549	ug/l	100
14) Allyl chloride	2.660	41	153655	44.046	ug/l	94
15) Acrylonitrile	3.056	53	287646	217.283	ug/l	99
16) Acetone	2.374	43	347866	290.095	ug/l	91
17) Carbon Disulfide	2.508	76	213450	39.548	ug/l	99
18) Methyl Acetate	2.697	43	253580	44.520	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	295357	48.195	ug/l	98
20) Methylene Chloride	2.782	84	94339	43.642	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	86076	44.772	ug/l	93
22) Diisopropyl ether	3.751	45	297324	46.459	ug/l	93
23) Vinyl Acetate	3.715	43	1074876	233.207	ug/l	100
24) 1,1-Dichloroethane	3.605	63	164860	46.066	ug/l	100
25) 2-Butanone	4.544	43	455933	234.464	ug/l	96
26) 2,2-Dichloropropane	4.471	77	149091	48.027	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	101914	45.477	ug/l	96
28) Bromochloromethane	4.885	49	80101	46.618	ug/l	99
29) Tetrahydrofuran	4.989	42	275680	223.277	ug/l	98
30) Chloroform	5.087	83	166590	47.671	ug/l	99
31) Cyclohexane	5.464	56	143477	44.612	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	147250	48.648	ug/l	99
36) 1,1-Dichloropropene	5.684	75	122536	47.366	ug/l	98
37) Ethyl Acetate	4.702	43	155592	46.164	ug/l	98
38) Carbon Tetrachloride	5.666	117	125167	52.350	ug/l	96
39) Methylcyclohexane	7.379	83	155554	46.098	ug/l	95
40) Benzene	6.031	78	362285	47.348	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	81914	46.860	ug/l	93
42) 1,2-Dichloroethane	6.074	62	128583	50.722	ug/l	97
43) Isopropyl Acetate	6.330	43	257977	47.894	ug/l	98
44) Trichloroethene	7.117	130	91560	49.161	ug/l	95
45) 1,2-Dichloropropane	7.428	63	97436	47.320	ug/l	99
46) Dibromomethane	7.574	93	67935	49.474	ug/l	98
47) Bromodichloromethane	7.818	83	134020	49.175	ug/l	97
48) Methyl methacrylate	7.684	41	118805	45.459	ug/l	93
49) 1,4-Dioxane	7.653	88	45438	898.681	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	814053	236.488	ug/l	99
52) Toluene	8.714	92	223111	46.989	ug/l	93
53) t-1,3-Dichloropropene	8.970	75	156253	48.244	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	160912	48.098	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	94657	47.778	ug/l	95
56) Ethyl methacrylate	9.110	69	159569	47.602	ug/l	96
57) 1,3-Dichloropropane	9.305	76	156961	47.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	320649	205.339	ug/l	96
59) 2-Hexanone	9.427	43	669470	242.644	ug/l	98
60) Dibromochloromethane	9.519	129	101705	50.487	ug/l	99
61) 1,2-Dibromoethane	9.604	107	99531	47.876	ug/l	99
64) Tetrachloroethene	9.269	164	70971	49.641	ug/l	96
65) Chlorobenzene	10.073	112	240412	48.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	87626	49.166	ug/l	97
67) Ethyl Benzene	10.189	91	446844	49.088	ug/l	100
68) m/p-Xylenes	10.299	106	337753	98.087	ug/l	99
69) o-Xylene	10.640	106	164338	48.232	ug/l	98
70) Styrene	10.653	104	277950	48.303	ug/l	98
71) Bromoform	10.799	173	76398	51.420	ug/l #	100
73) Isopropylbenzene	10.957	105	434059	47.175	ug/l	99
74) N-amyl acetate	10.842	43	225014	46.262	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	161970	45.095	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	141006m	47.857	ug/l	
77) Bromobenzene	11.195	156	96902	46.870	ug/l	98
78) n-propylbenzene	11.305	91	533704	47.124	ug/l	99
79) 2-Chlorotoluene	11.360	91	309108	45.989	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	371770	48.054	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	58269	43.866	ug/l #	84
82) 4-Chlorotoluene	11.451	91	368286	47.521	ug/l	100
83) tert-Butylbenzene	11.713	119	365404	47.957	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	373272	47.669	ug/l	99
85) sec-Butylbenzene	11.890	105	475270	47.687	ug/l	100
86) p-Isopropyltoluene	12.006	119	384249	48.028	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	192144	47.460	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	195367	47.148	ug/l	100
89) n-Butylbenzene	12.329	91	382431	47.377	ug/l	97
90) Hexachloroethane	12.536	117	77351	48.414	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	185167	48.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40436	45.950	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	123805	48.113	ug/l	96
94) Hexachlorobutadiene	13.725	225	45739	50.194	ug/l	98
95) Naphthalene	13.774	128	435969	45.491	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	118208	48.460	ug/l	100

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VSTDCCC050

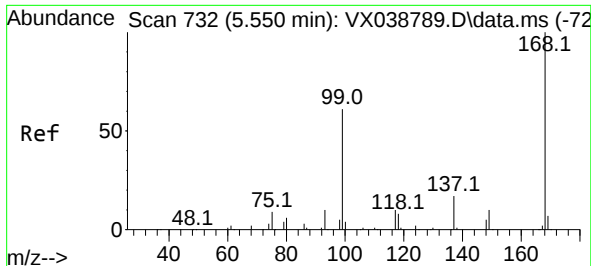
Manual Integrations
APPROVED

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QLast Update : Thu Nov 16 22:59:22 2023
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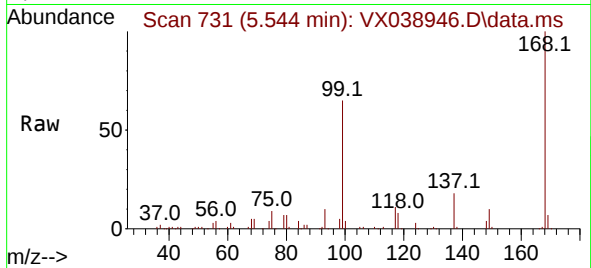
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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Acq: 20 Nov 2023 10:03

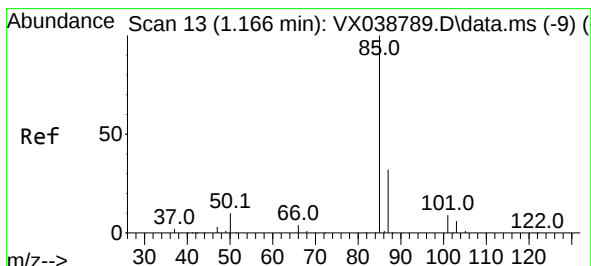
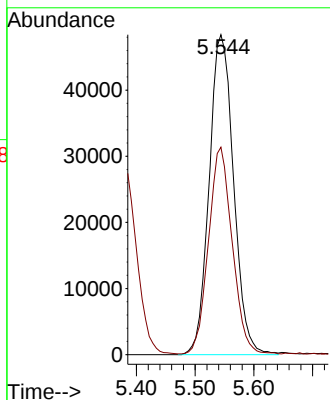
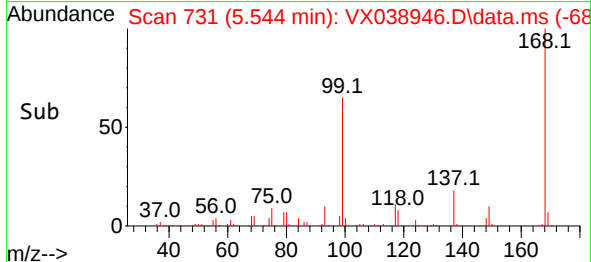
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 139790
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0

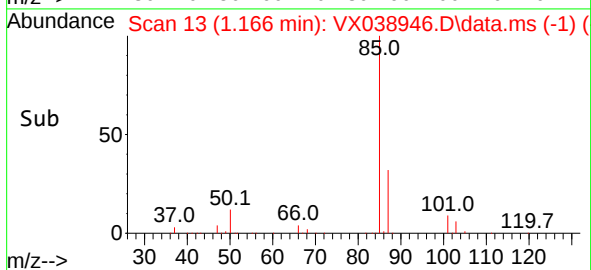
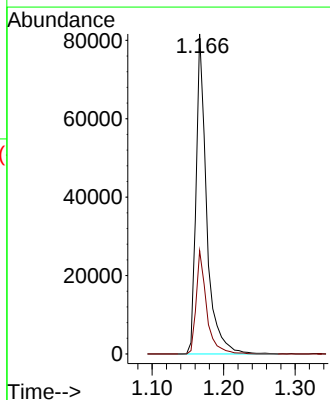
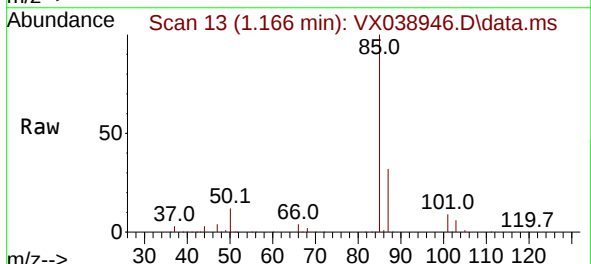
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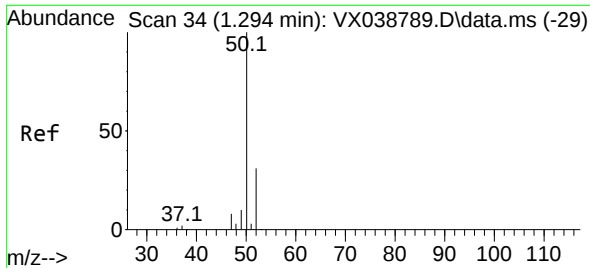
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 51.325 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 85 Resp: 83719
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





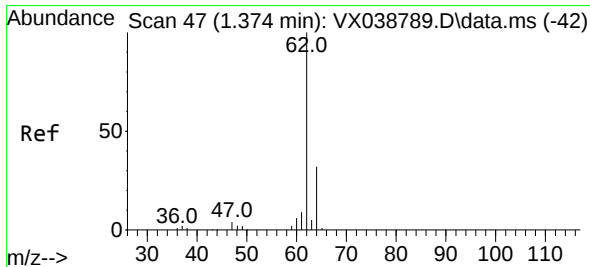
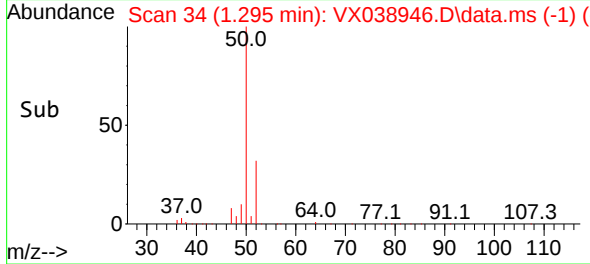
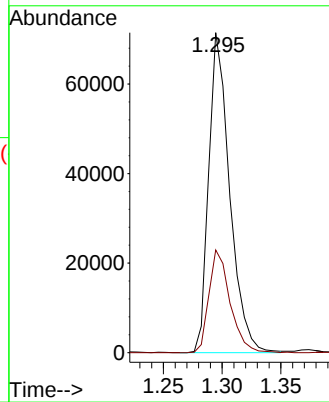
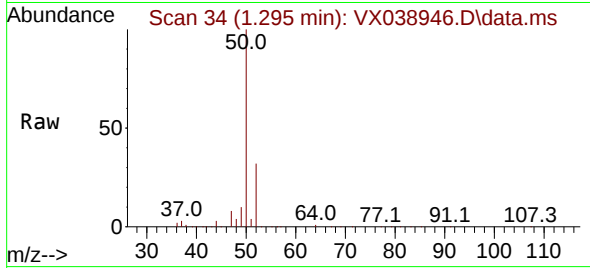
#3
Chloromethane
Concen: 41.633 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 8863
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

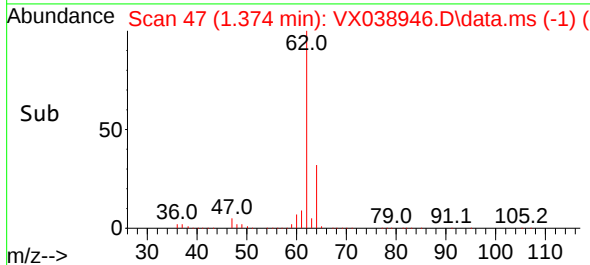
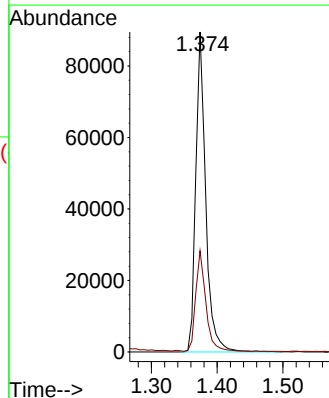
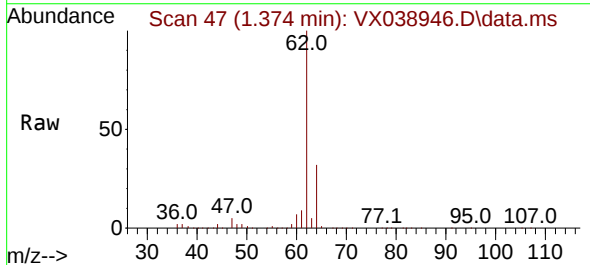
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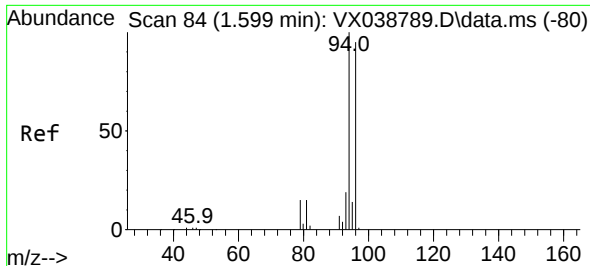
Reviewed By :John Carlone 11/21/2023
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#4
Vinyl Chloride
Concen: 45.590 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

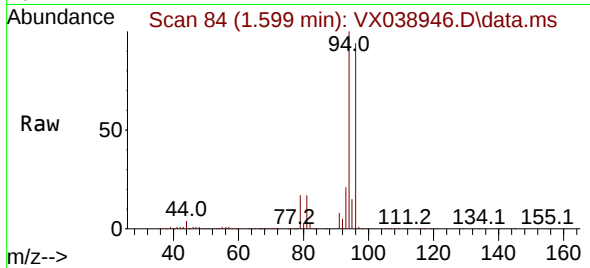
Tgt Ion: 62 Resp: 93497
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 74.910 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

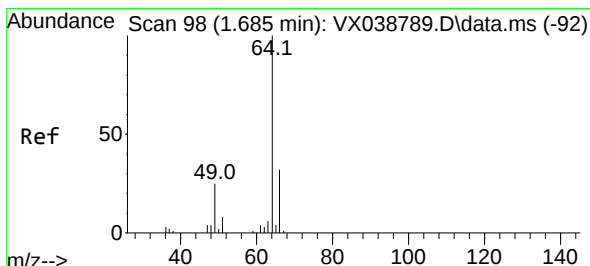
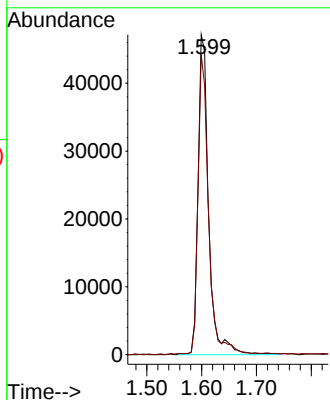
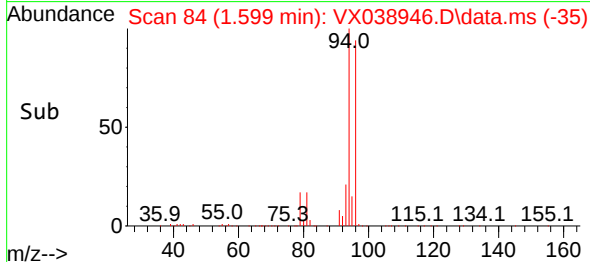
Instrument :
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Tgt Ion: 94 Resp: 63518
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8

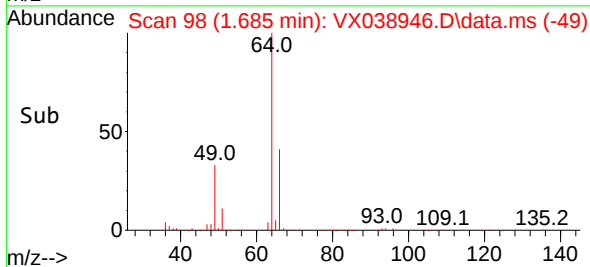
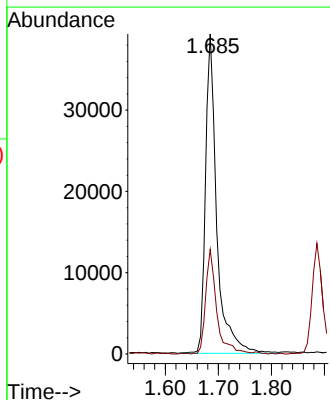
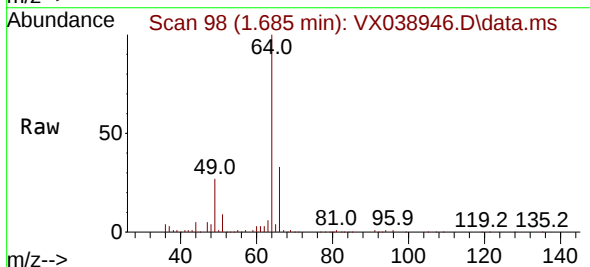
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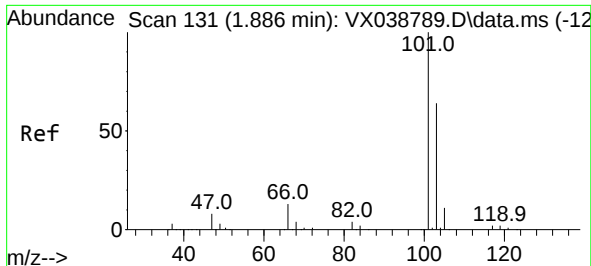
Reviewed By :John Carlone 11/21/2023
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#6
Chloroethane
Concen: 49.253 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038946.D
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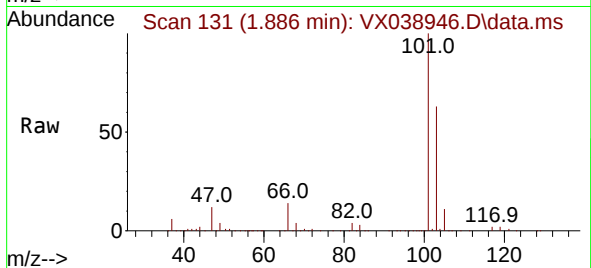
Tgt Ion: 64 Resp: 57643
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.216 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

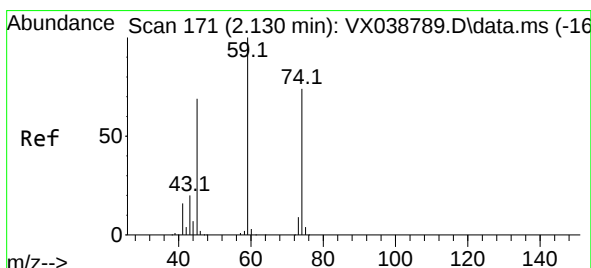
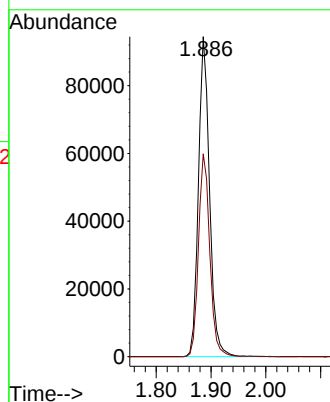
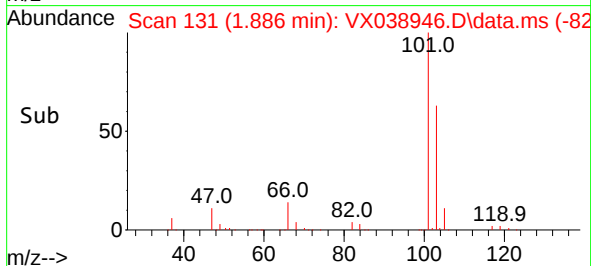
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 13328
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

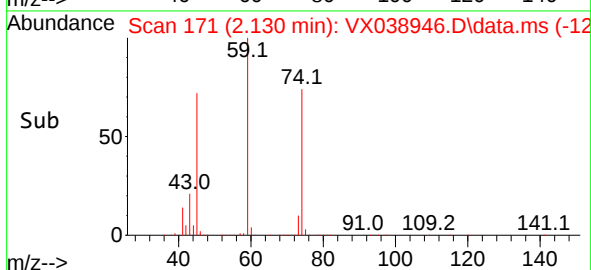
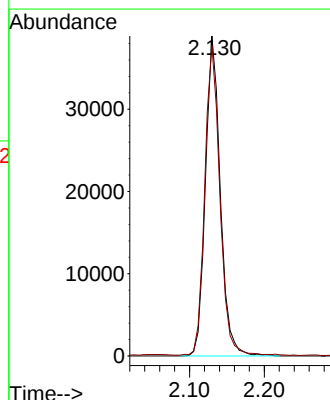
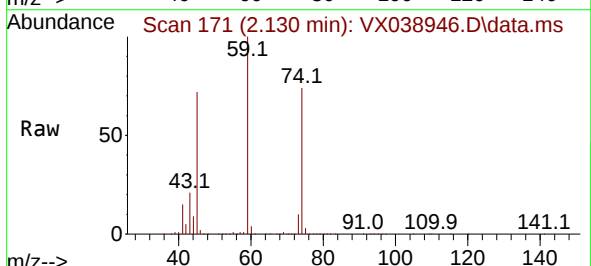
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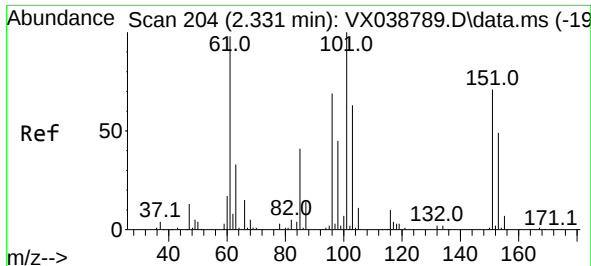
Reviewed By :John Carlone 11/21/2023
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#8
Diethyl Ether
Concen: 47.412 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Acq: 20 Nov 2023 10:03

Tgt Ion: 74 Resp: 53740
Ion Ratio Lower Upper
74 100
45 98.7 53.3 159.8





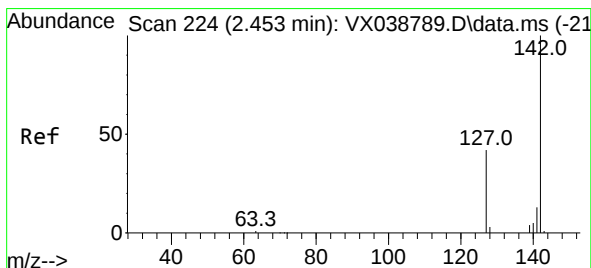
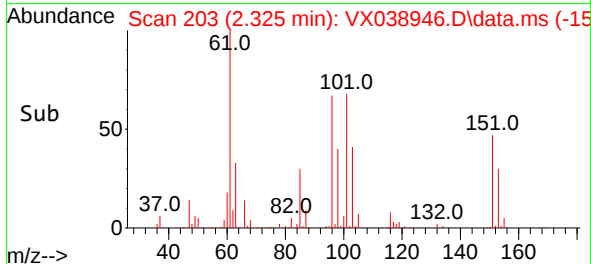
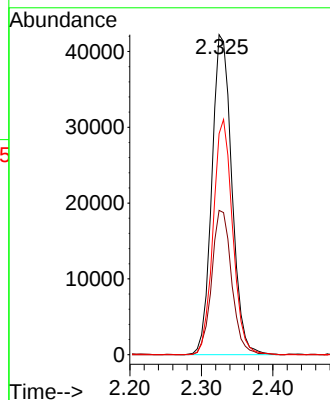
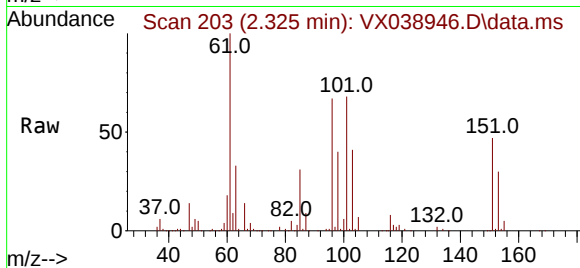
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.451 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8189
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 71.7 58.6 87.8

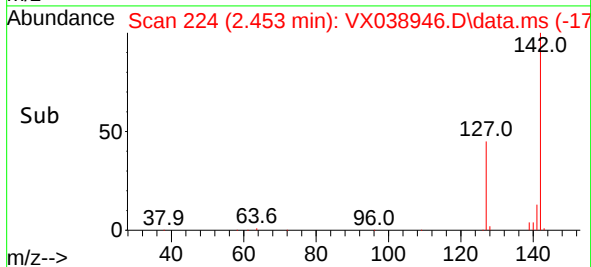
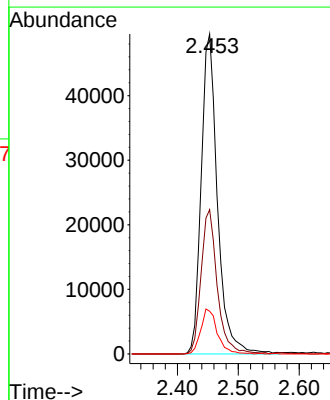
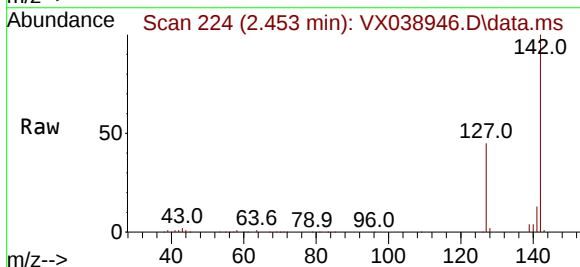
Manual Integrations
APPROVED

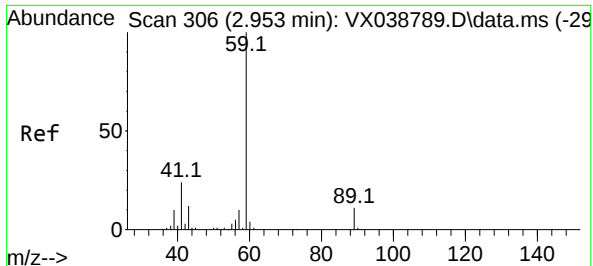
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#10
Methyl Iodide
Concen: 43.806 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:142 Resp: 92017
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.3 11.6 17.4





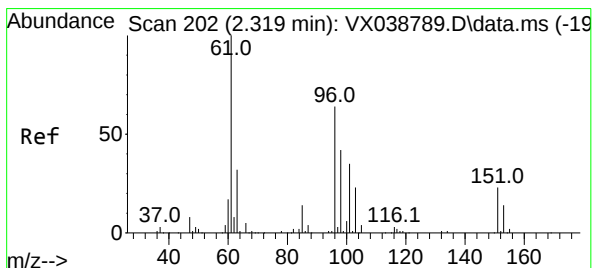
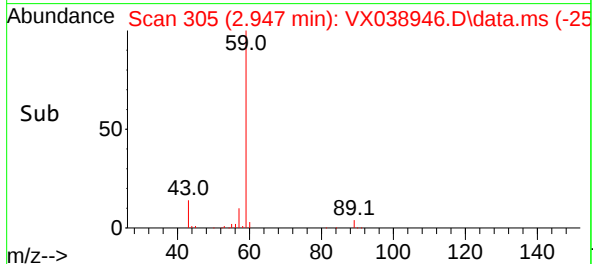
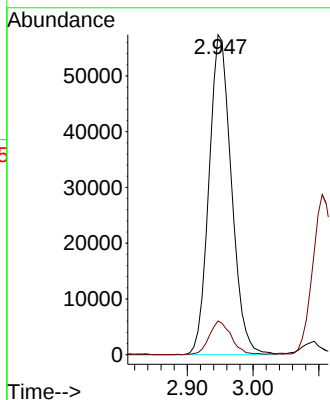
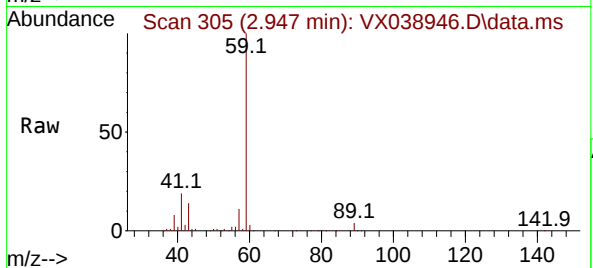
#11
Tert butyl alcohol
Concen: 217.645 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 136358
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

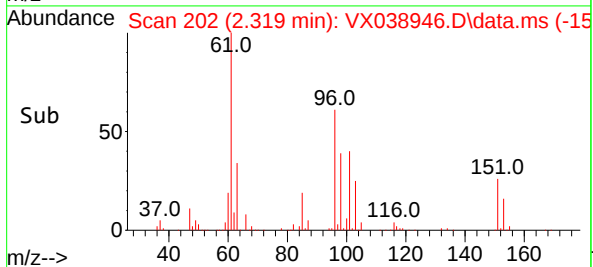
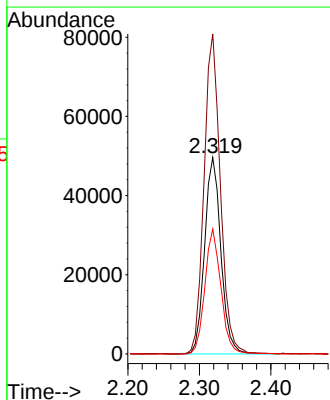
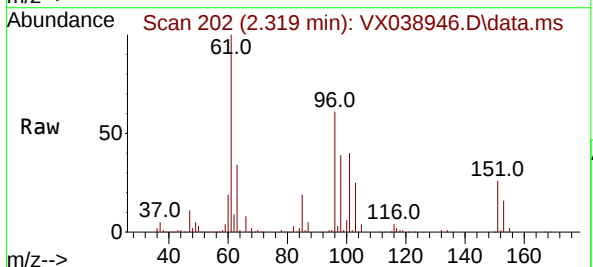
Manual Integrations
APPROVED

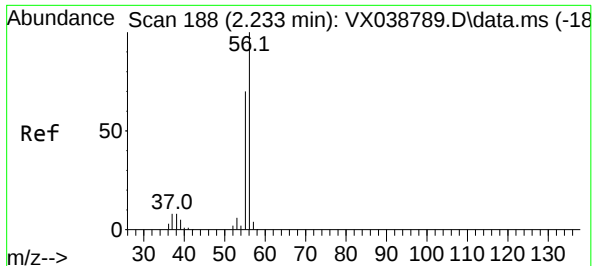
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#12
1,1-Dichloroethene
Concen: 45.154 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

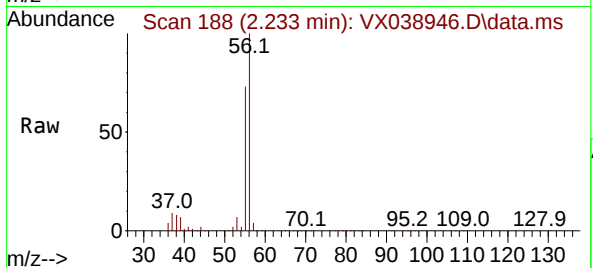
Tgt Ion: 96 Resp: 78675
Ion Ratio Lower Upper
96 100
61 162.8 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 257.549 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

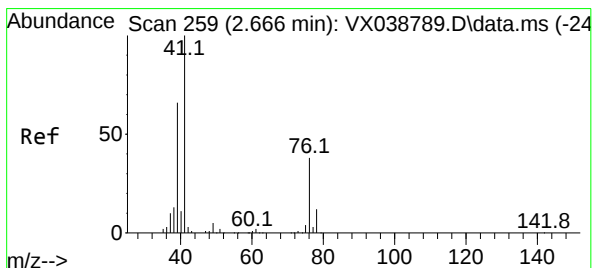
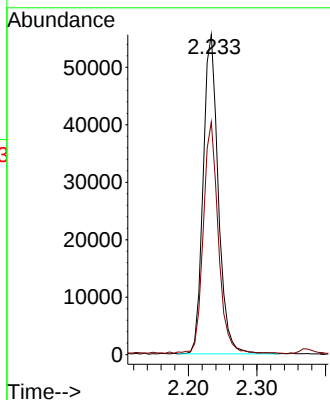
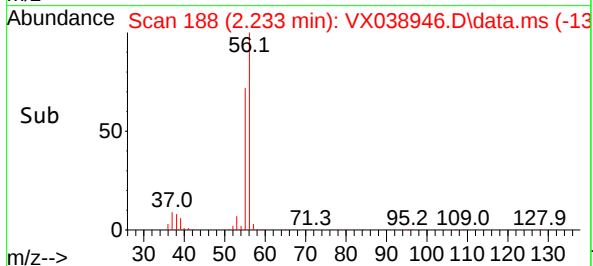
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 85369
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

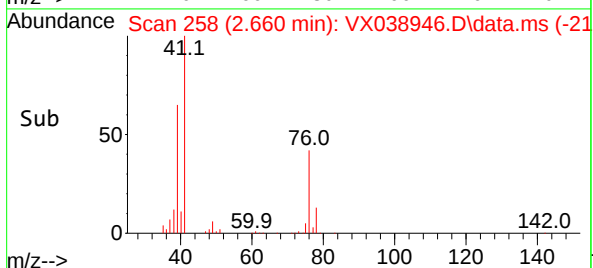
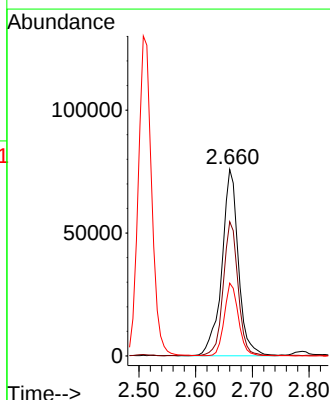
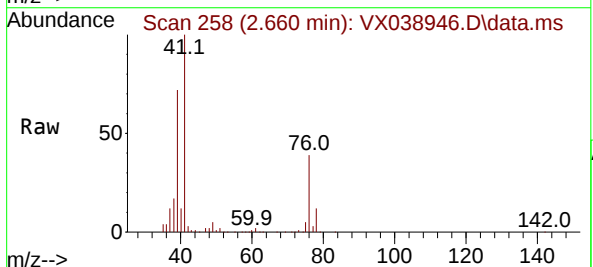
Manual Integrations
APPROVED

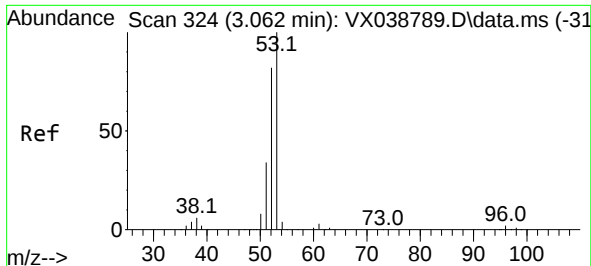
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#14
Allyl chloride
Concen: 44.046 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

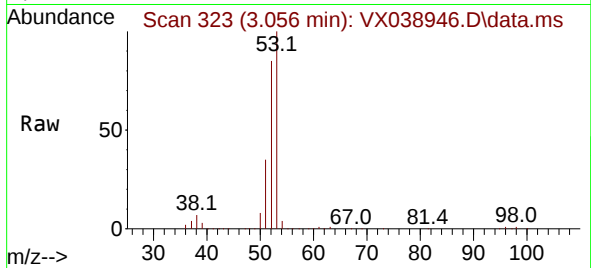
Tgt Ion: 41 Resp: 153655
Ion Ratio Lower Upper
41 100
39 64.7 55.8 83.6
76 33.3 24.3 36.5





#15
Acrylonitrile
Concen: 217.283 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

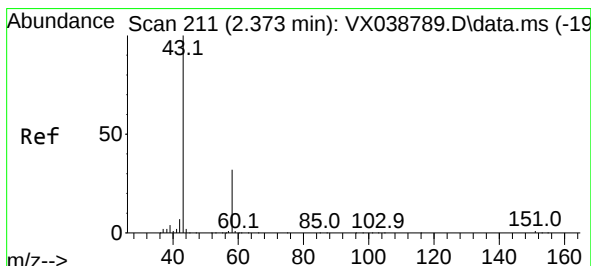
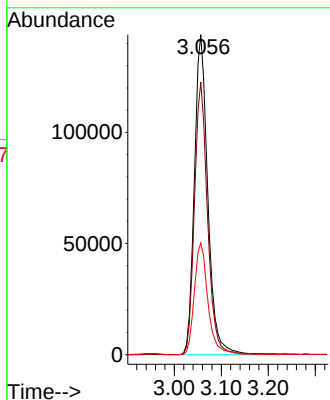
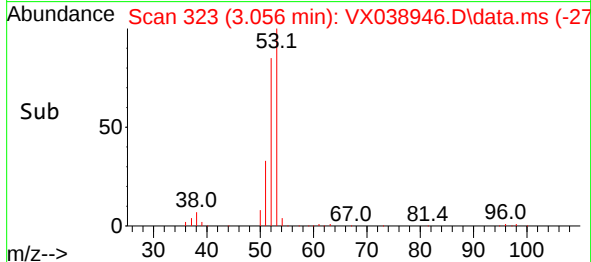
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



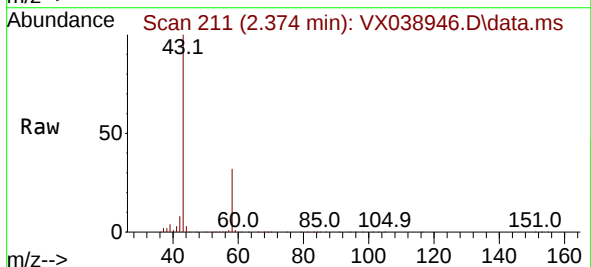
Tgt Ion: 53 Resp: 287640
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 35.5 29.8 44.6

Manual Integrations
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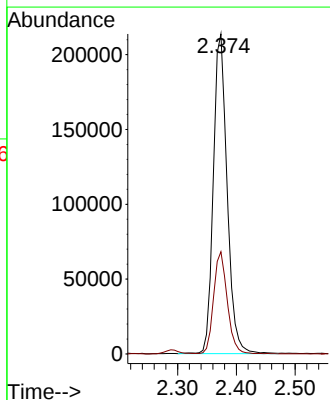
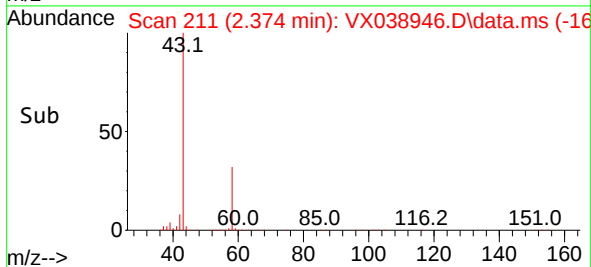
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

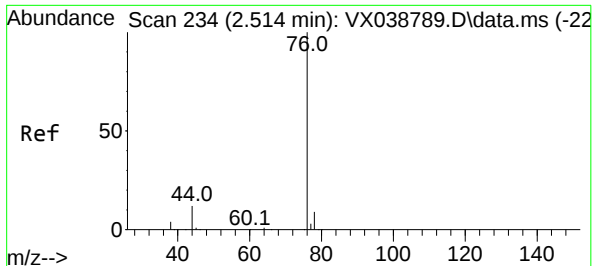


#16
Acetone
Concen: 290.095 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 43 Resp: 347866
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





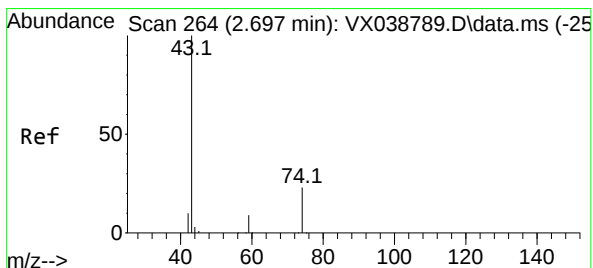
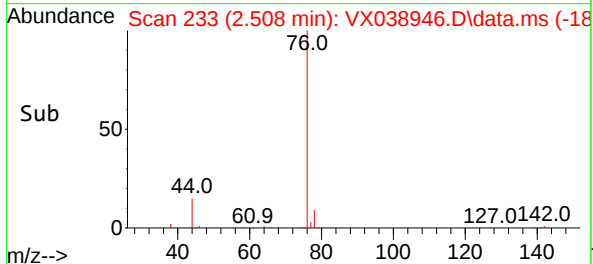
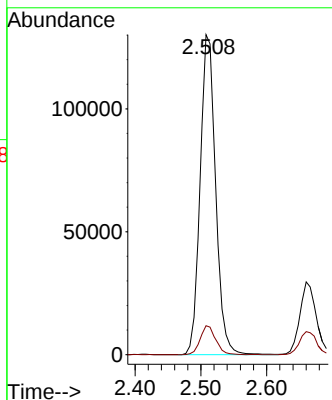
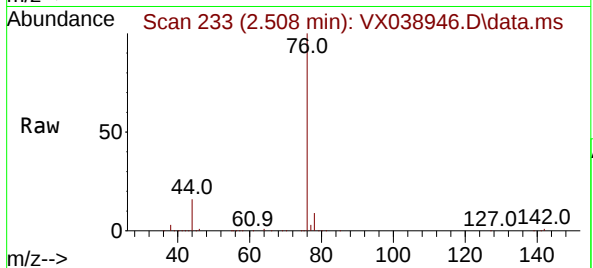
#17
Carbon Disulfide
Concen: 39.548 ug/l
RT: 2.508 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 213450
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

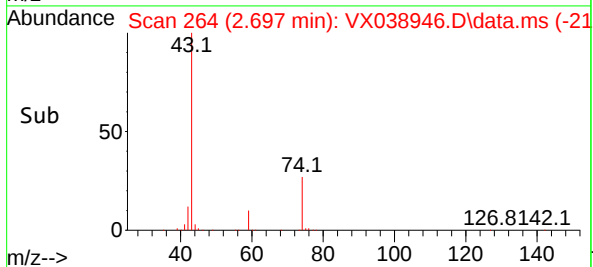
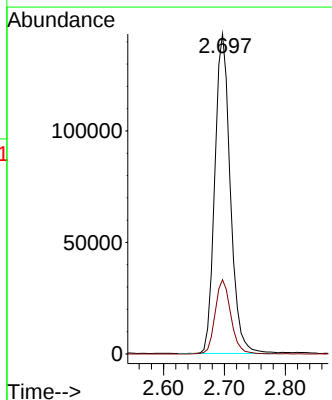
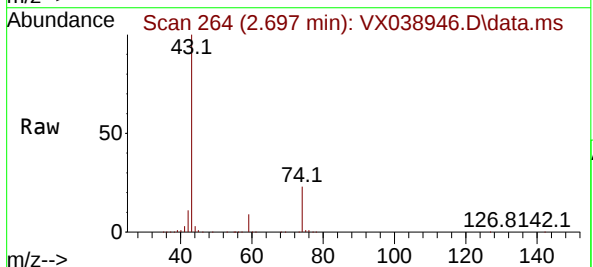
Manual Integrations
APPROVED

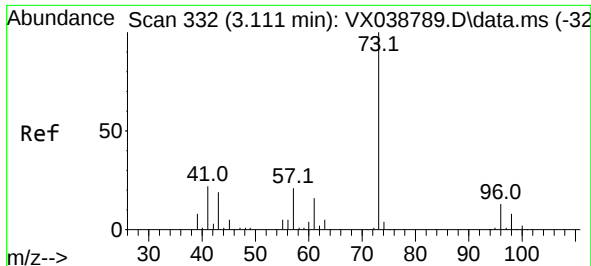
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#18
Methyl Acetate
Concen: 44.520 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 43 Resp: 253580
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8





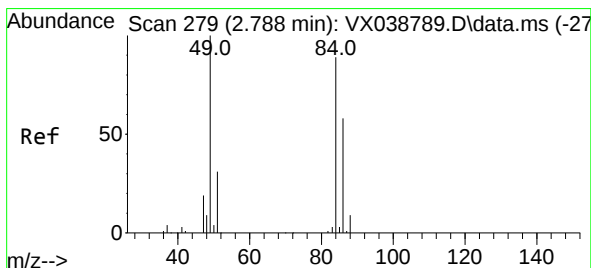
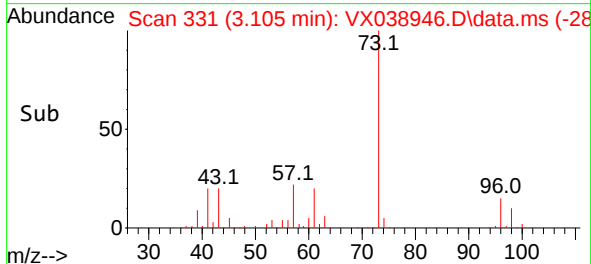
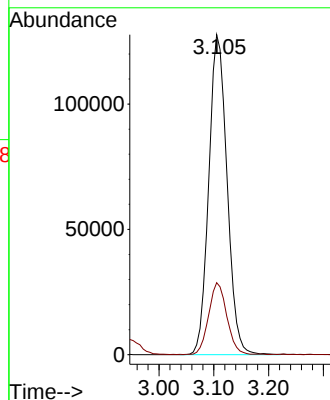
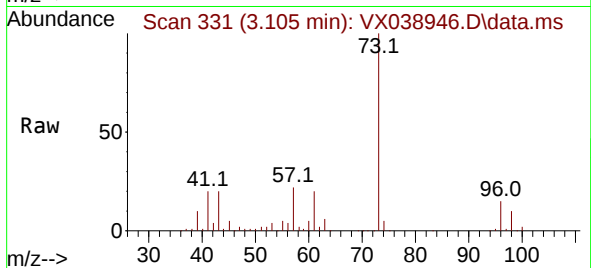
#19
Methyl tert-butyl Ether
Concen: 48.195 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 29535
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

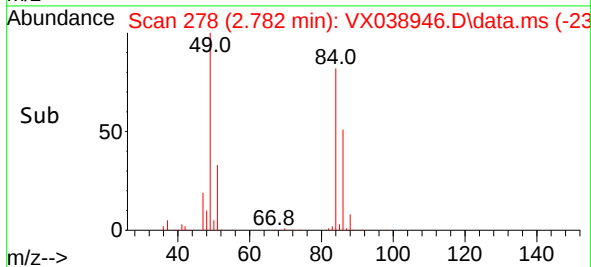
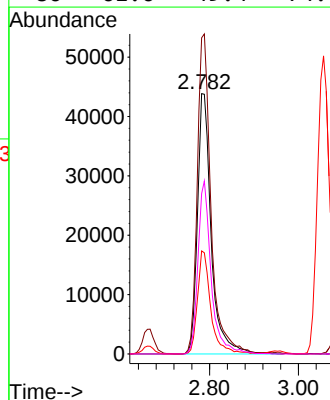
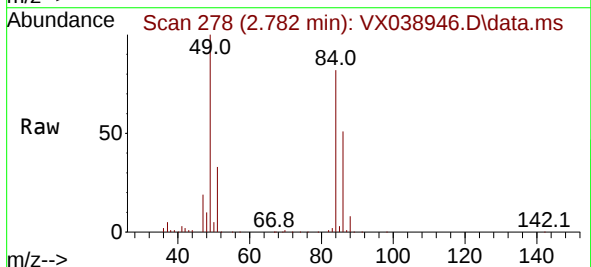
Manual Integrations
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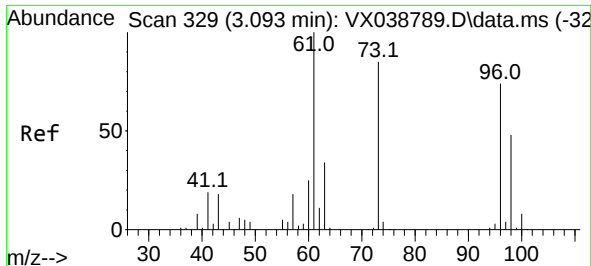
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 43.642 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

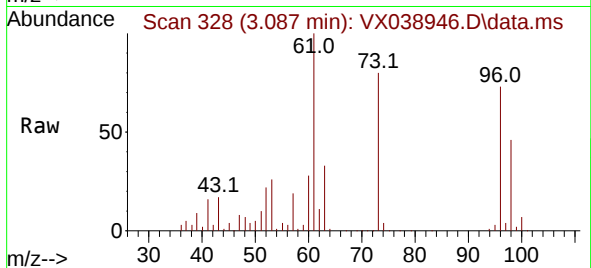
Tgt Ion: 84 Resp: 94339
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 39.6 33.8 50.6
86 61.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.772 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

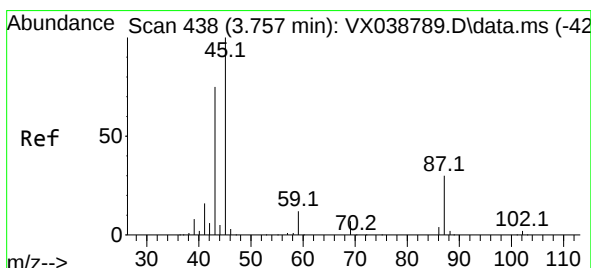
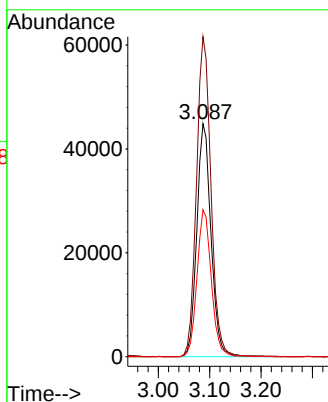
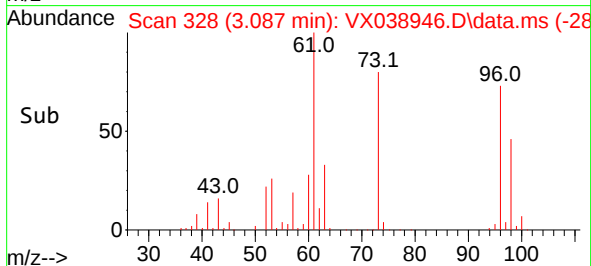
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



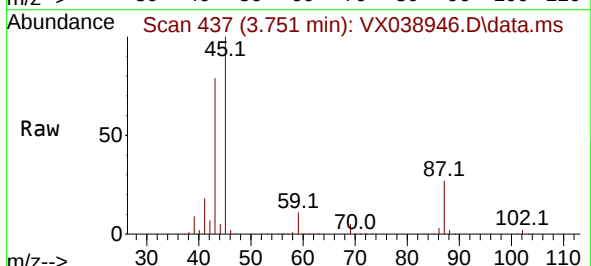
Tgt Ion: 96 Resp: 86070
Ion Ratio Lower Upper
96 100
61 137.4 119.2 178.8
98 63.1 48.7 73.1

Manual Integrations
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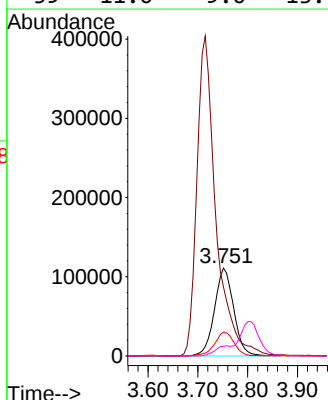
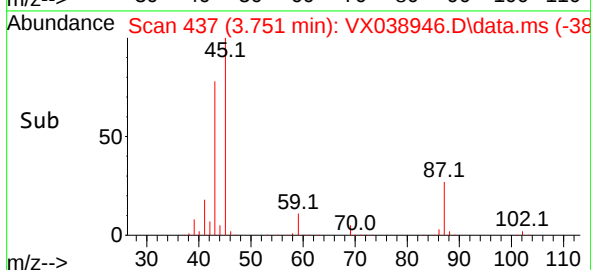
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

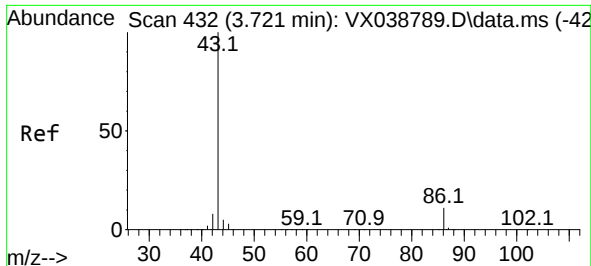


#22
Diisopropyl ether
Concen: 46.459 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 45 Resp: 297324
Ion Ratio Lower Upper
45 100
43 78.5 69.7 104.5
87 27.2 20.8 31.2
59 11.0 9.0 13.4





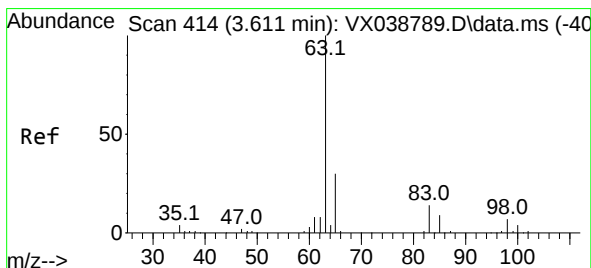
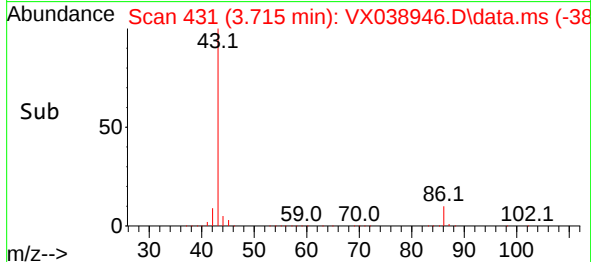
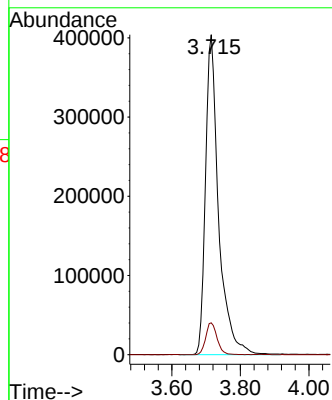
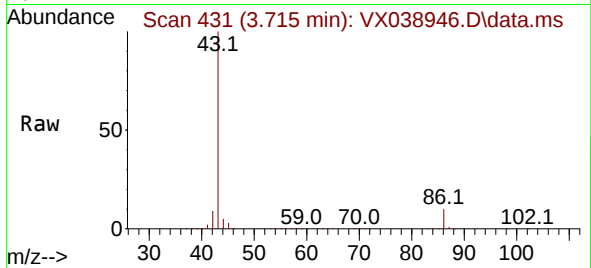
#23
 Vinyl Acetate
 Concen: 233.207 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1074870
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

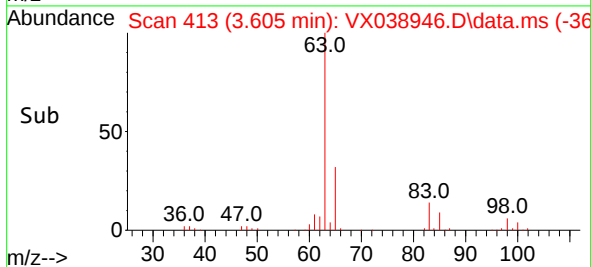
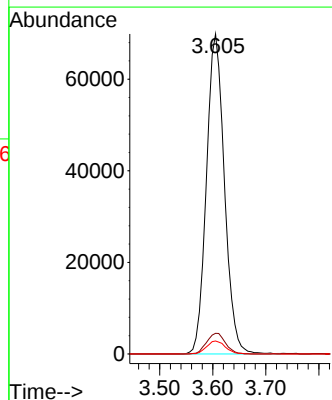
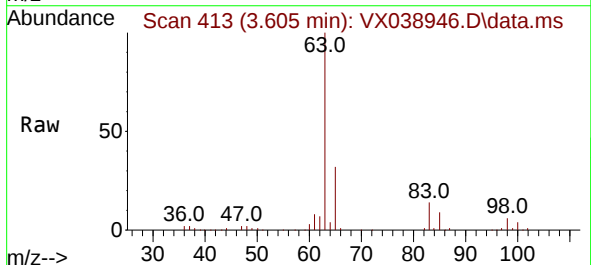
Manual Integrations
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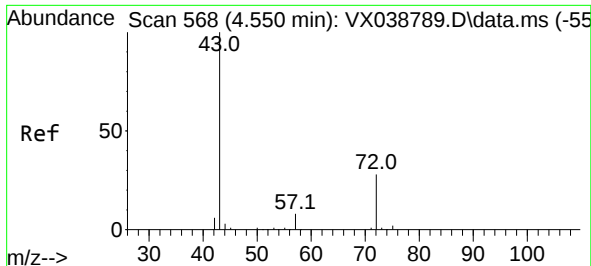
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#24
 1,1-Dichloroethane
 Concen: 46.066 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion: 63 Resp: 164860
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.1 6.5





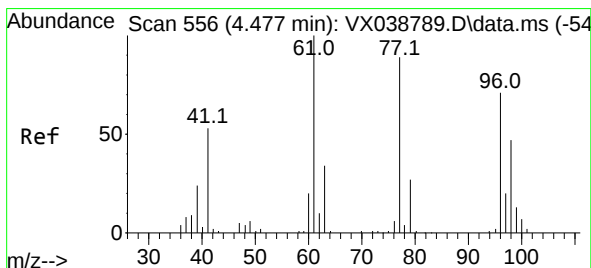
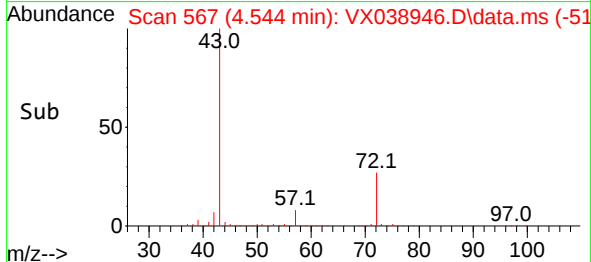
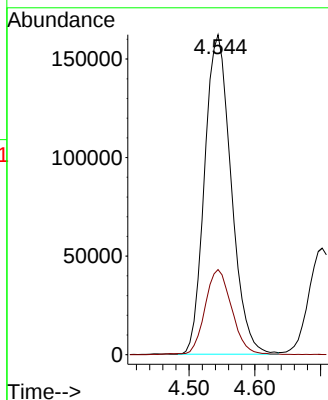
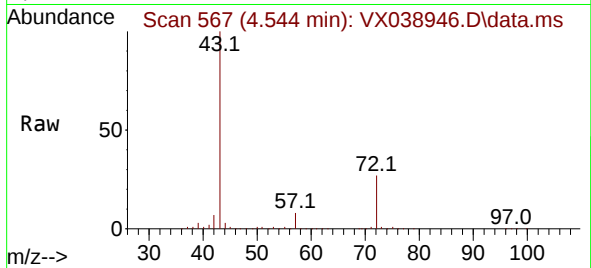
#25
2-Butanone
Concen: 234.464 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 45593
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

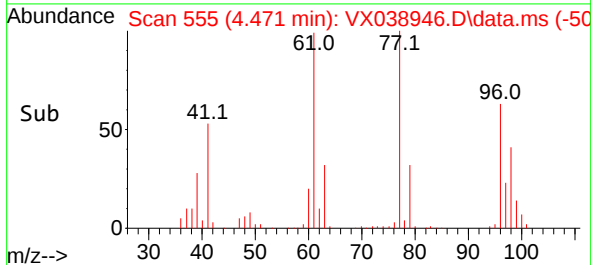
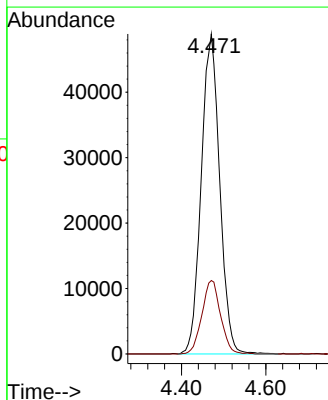
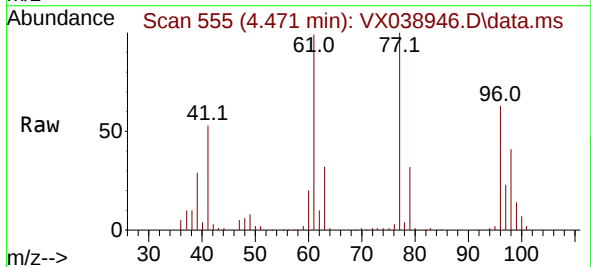
Manual Integrations
APPROVED

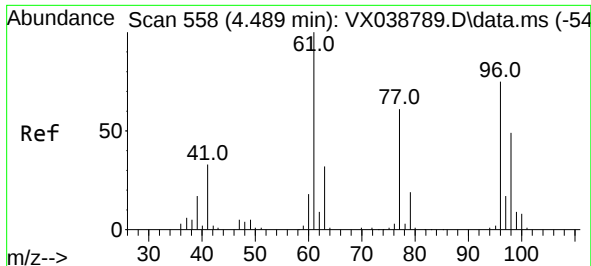
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#26
2,2-Dichloropropane
Concen: 48.027 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

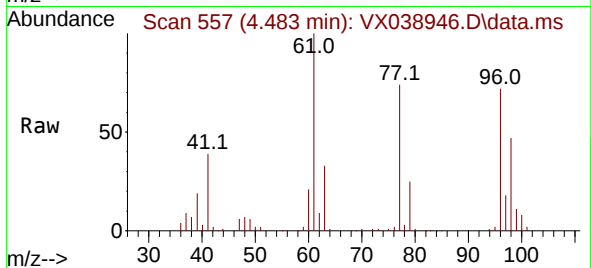
Tgt Ion: 77 Resp: 149091
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 45.477 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

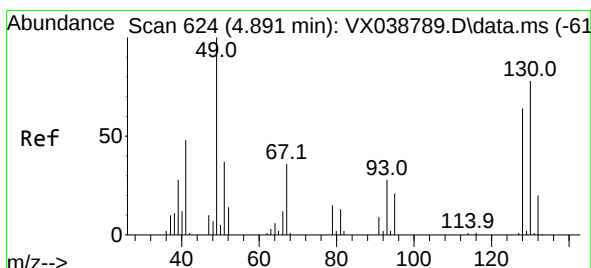
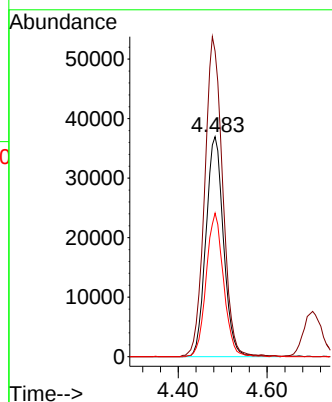
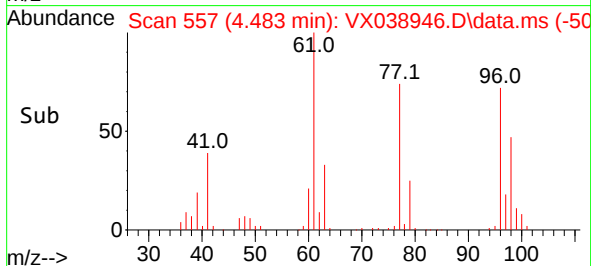
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 101914
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 312.2
 98 64.3 0.0 129.0

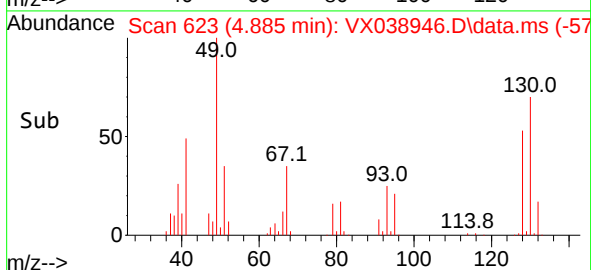
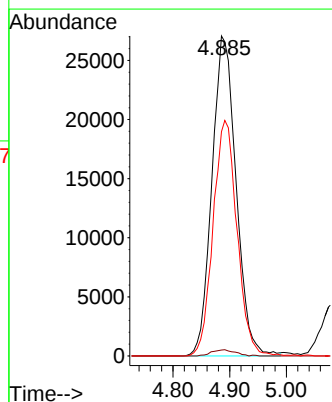
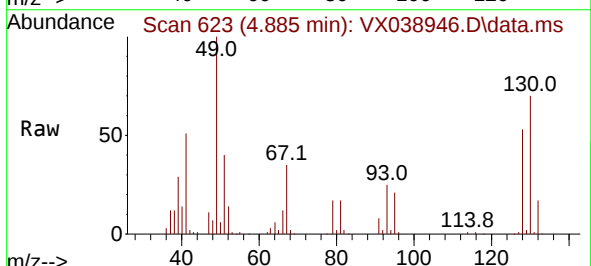
Manual Integrations
 APPROVED

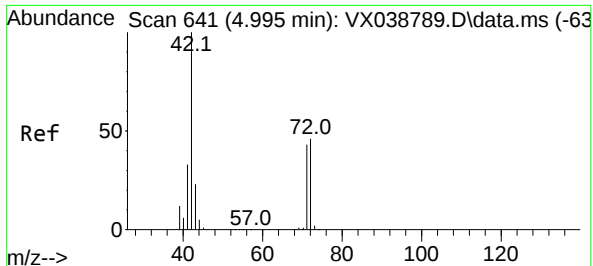
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#28
 Bromochloromethane
 Concen: 46.618 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion: 49 Resp: 80101
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 72.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 223.277 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 275680

Ion Ratio Lower Upper

42 100

72 44.3 34.2 51.4

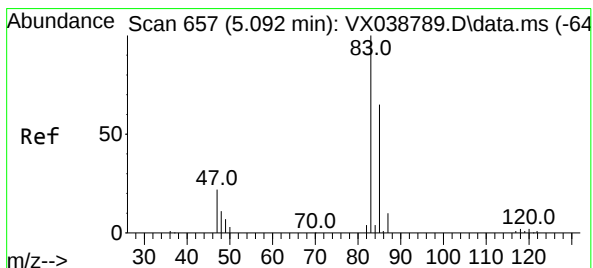
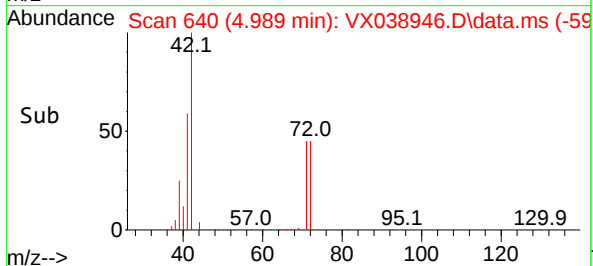
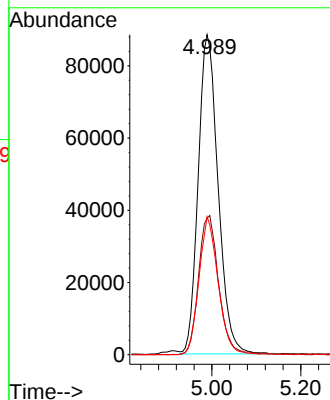
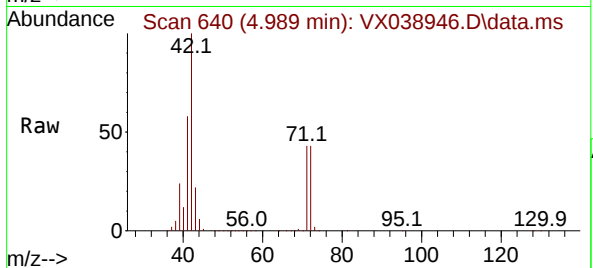
71 41.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Chloroform

Concen: 47.671 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX038946.D

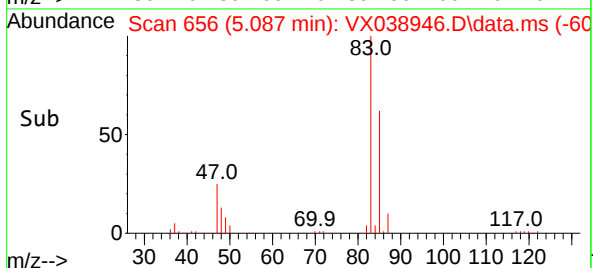
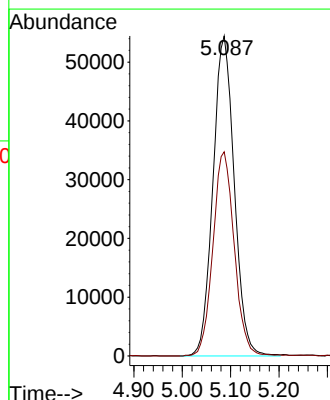
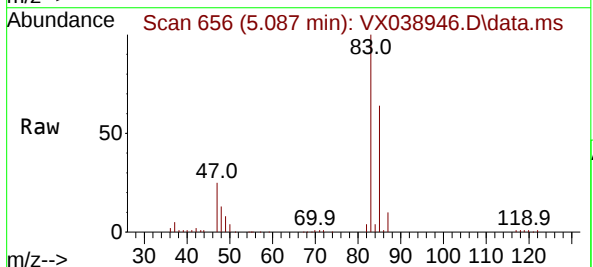
Acq: 20 Nov 2023 10:03

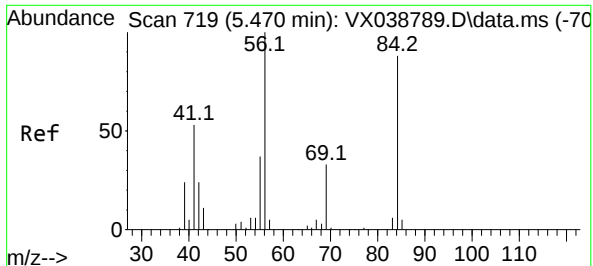
Tgt Ion: 83 Resp: 166590

Ion Ratio Lower Upper

83 100

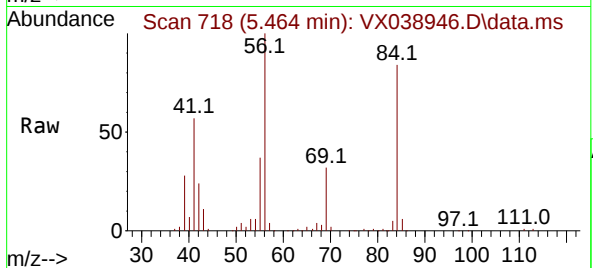
85 63.8 50.3 75.5





#31
Cyclohexane
Concen: 44.612 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

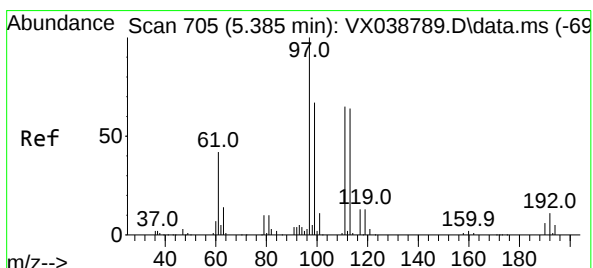
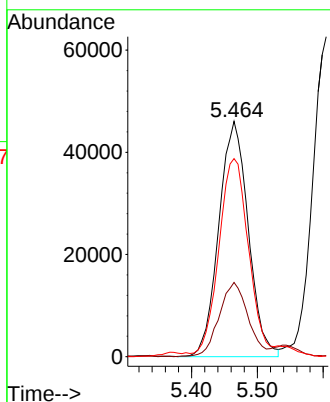
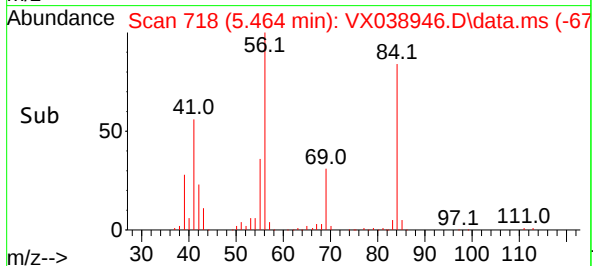
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



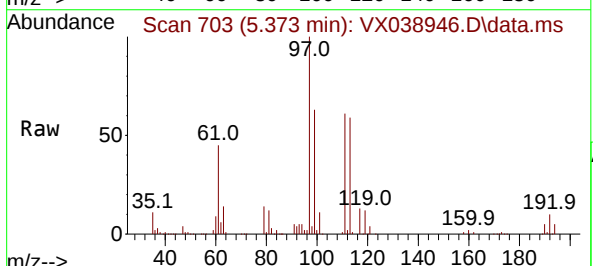
Tgt Ion: 56 Resp: 14347
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 82.7 65.9 98.9

Manual Integrations
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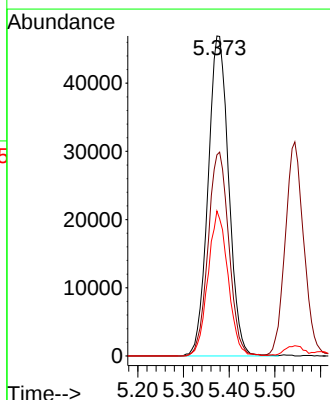
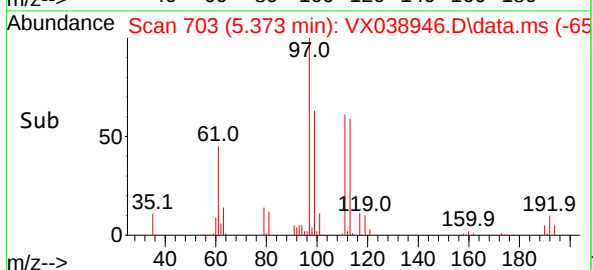
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

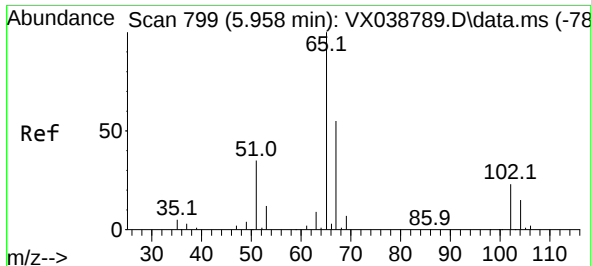


#32
1,1,1-Trichloroethane
Concen: 48.648 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 97 Resp: 147250
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.016 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 101402

Ion Ratio Lower Upper

65 100

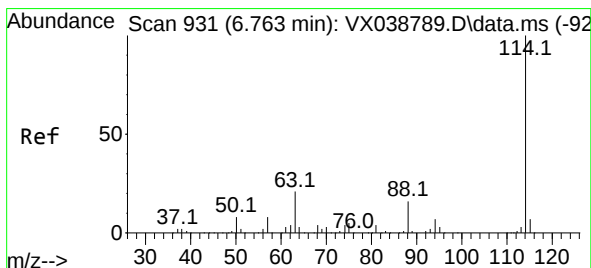
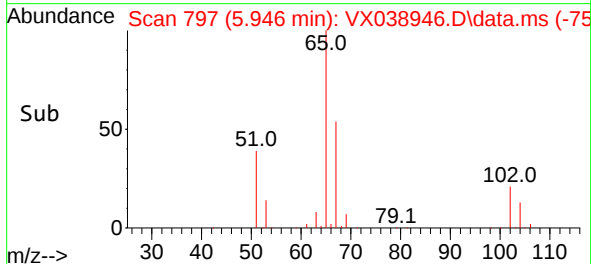
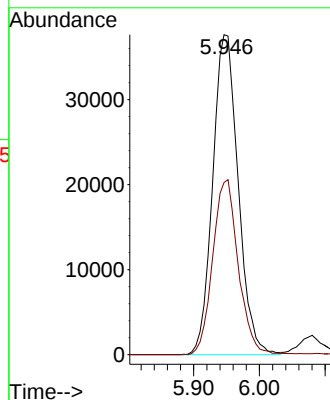
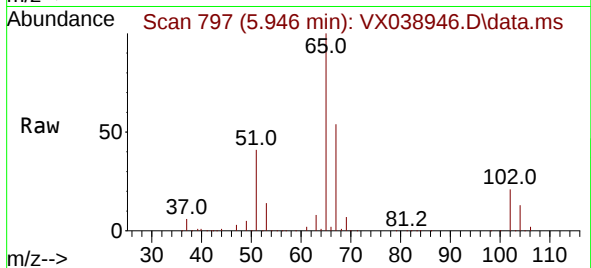
67 55.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

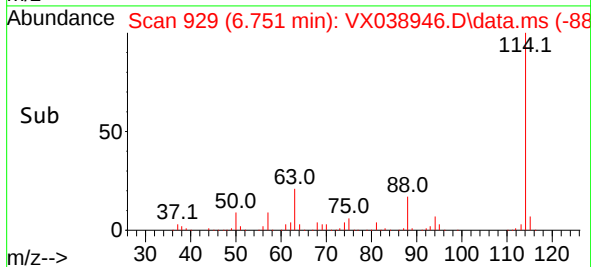
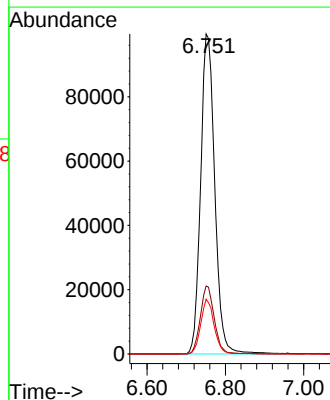
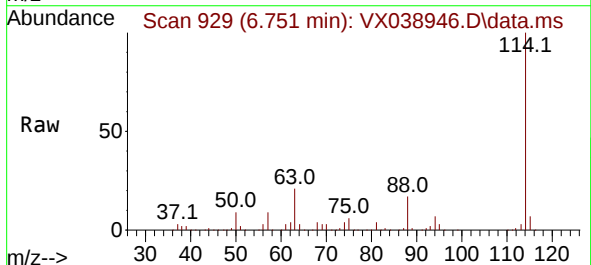
Tgt Ion:114 Resp: 249923

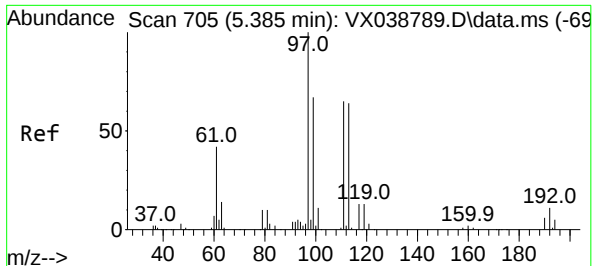
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.899 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

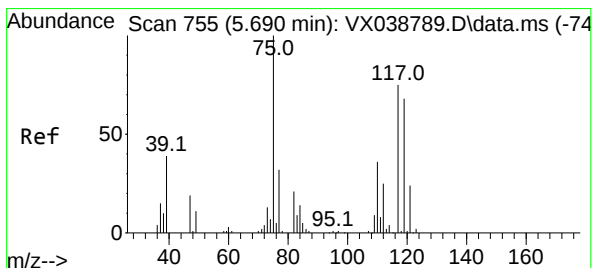
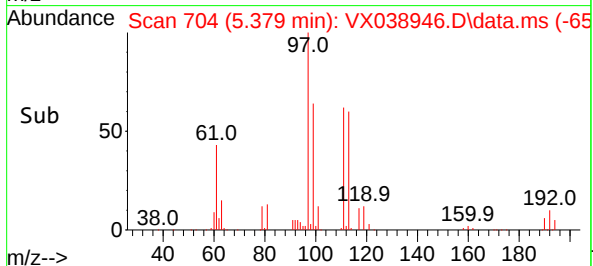
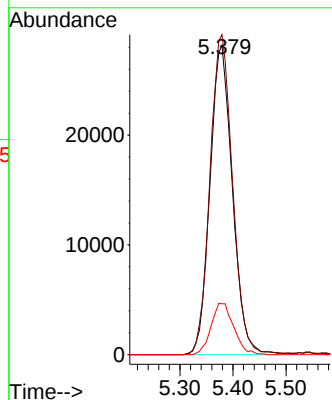
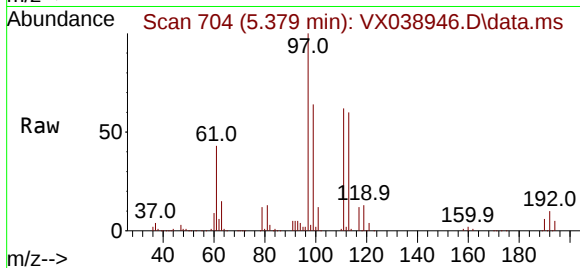
Tgt Ion:	113	Resp:	8284
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#36

1,1-Dichloropropene

Concen: 47.366 ug/l

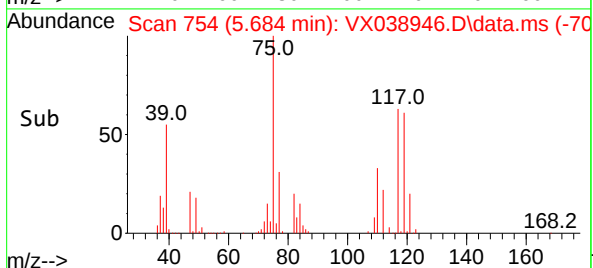
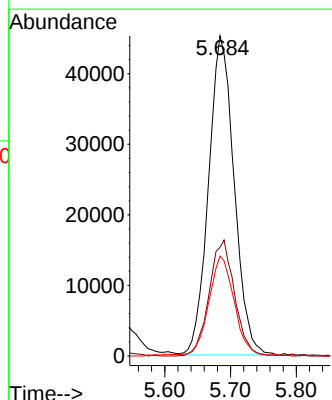
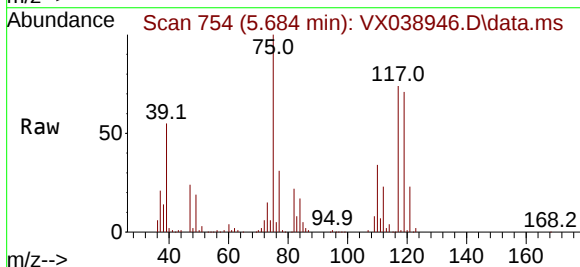
RT: 5.684 min Scan# 754

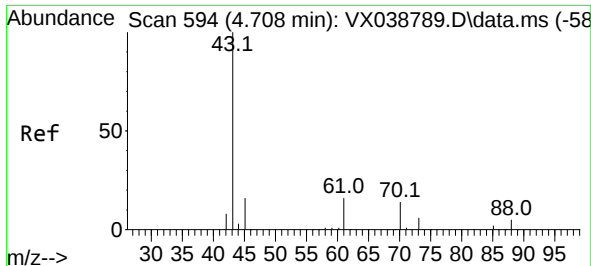
Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

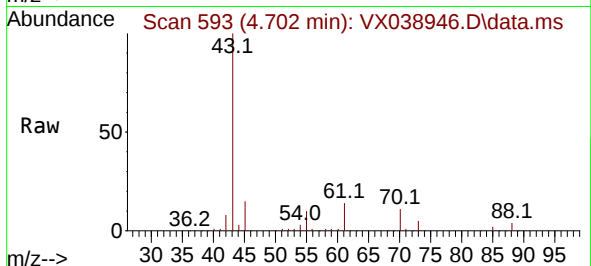
Tgt Ion:	75	Resp:	122536
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	30.7	24.7	37.1





#37
Ethyl Acetate
Concen: 46.164 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

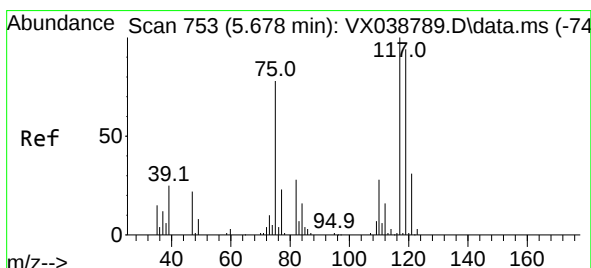
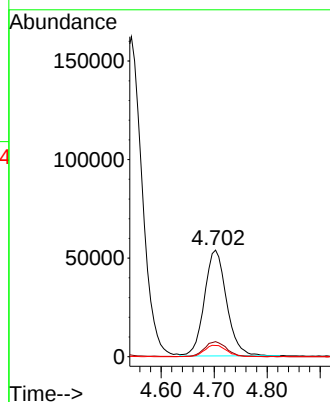
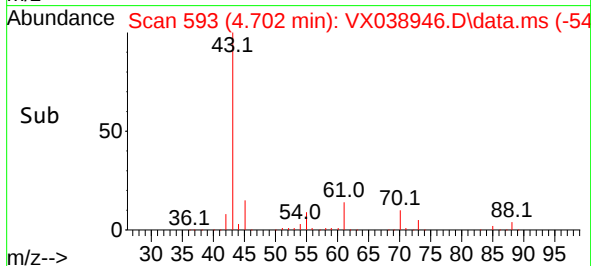
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 155592
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 11.0 8.3 12.5

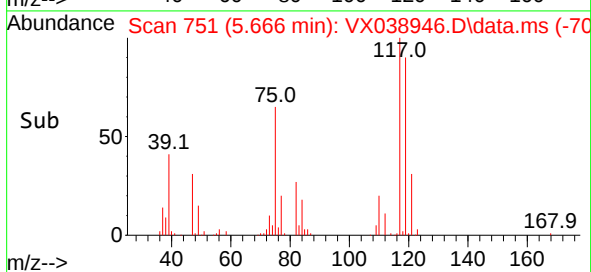
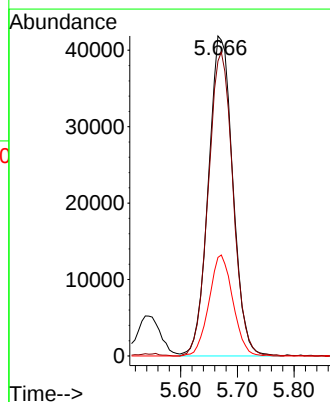
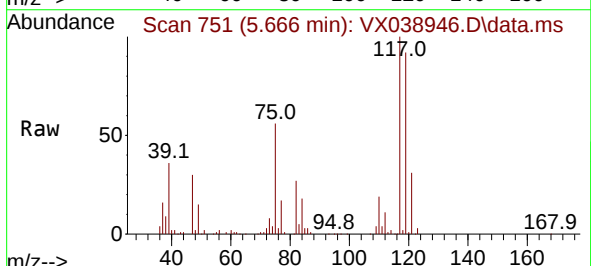
Manual Integrations
APPROVED

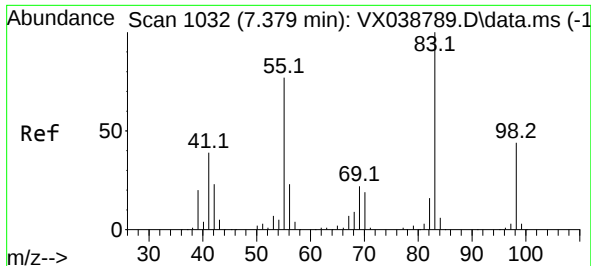
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#38
Carbon Tetrachloride
Concen: 52.350 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:117 Resp: 125167
Ion Ratio Lower Upper
117 100
119 92.1 78.2 117.2
121 30.8 24.4 36.6





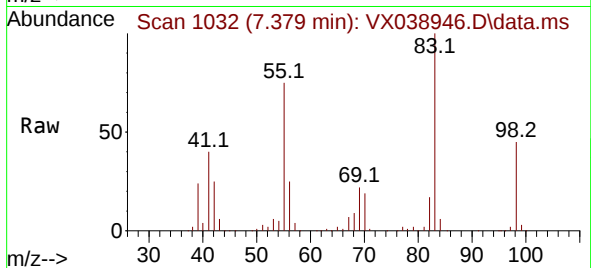
#39
Methylcyclohexane
Concen: 46.098 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



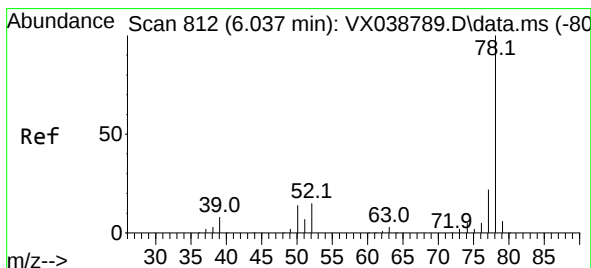
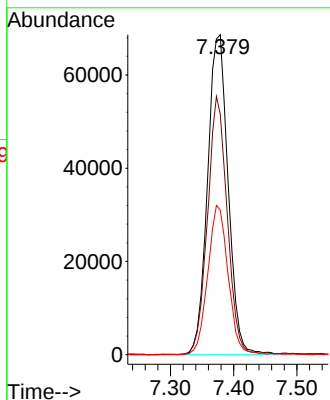
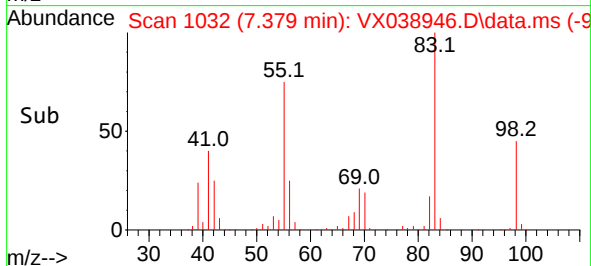
Tgt Ion: 83 Resp: 155554
Ion Ratio Lower Upper
83 100
55 75.0 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

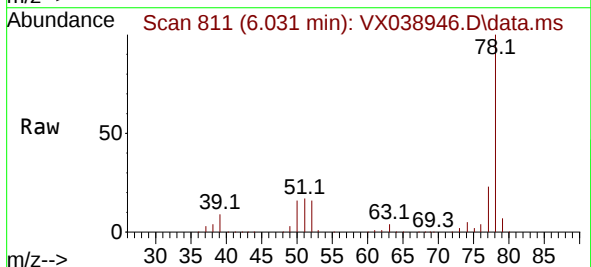
APPROVED

Reviewed By :John Carlone 11/21/2023

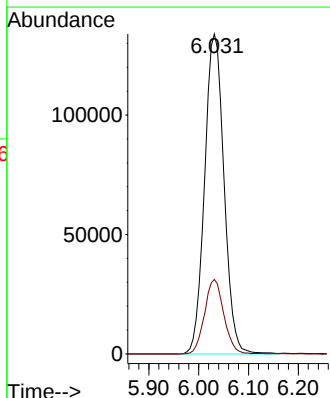
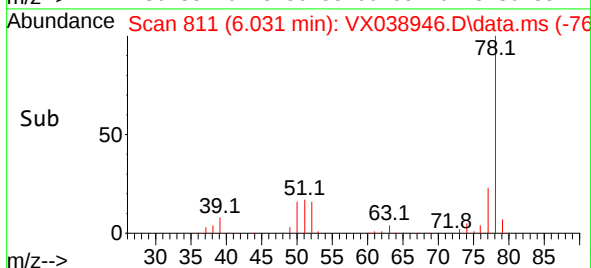
Supervised By :Mahesh Dadoda 11/21/2023

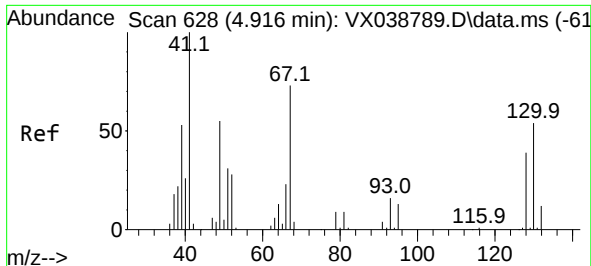


#40
Benzene
Concen: 47.348 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 78 Resp: 362285
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





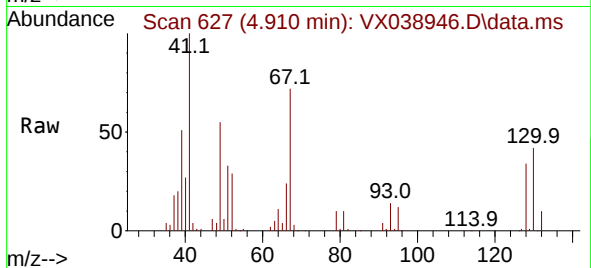
#41
Methacrylonitrile
Concen: 46.860 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



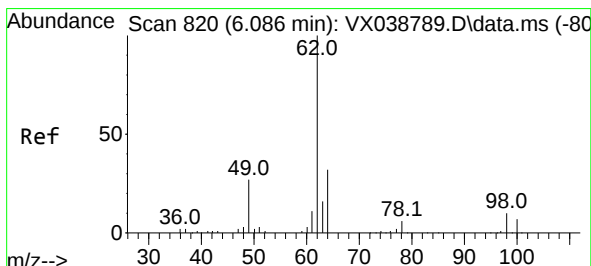
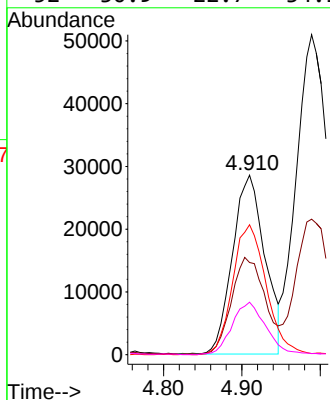
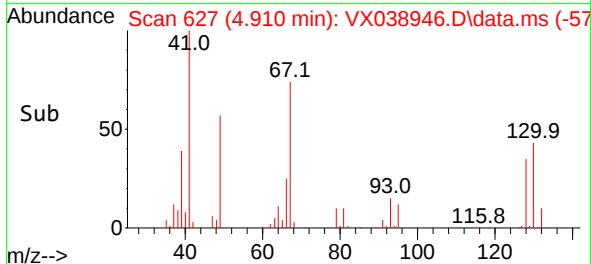
Tgt Ion: 41 Resp: 81914
Ion Ratio Lower Upper
41 100
39 55.8 45.2 67.8
67 75.6 52.6 78.8
52 30.9 22.7 34.1

Manual Integrations

APPROVED

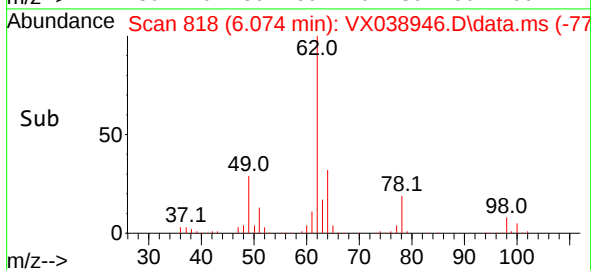
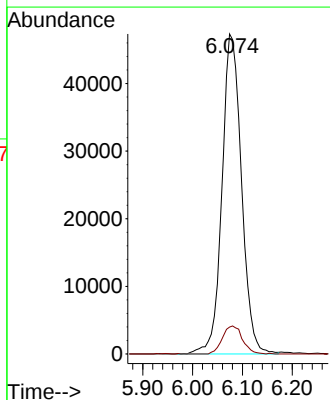
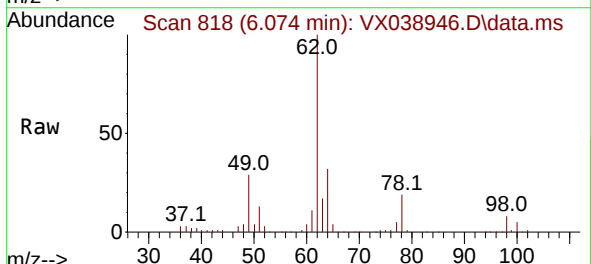
Reviewed By :John Carlone 11/21/2023

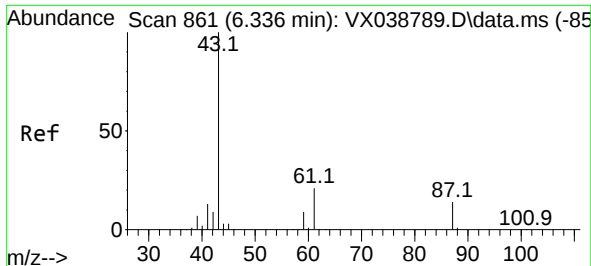
Supervised By :Mahesh Dadoda 11/21/2023



#42
1,2-Dichloroethane
Concen: 50.722 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

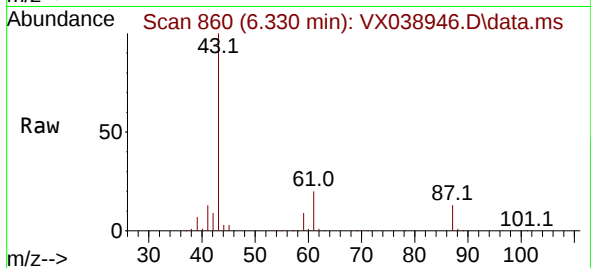
Tgt Ion: 62 Resp: 128583
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.894 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

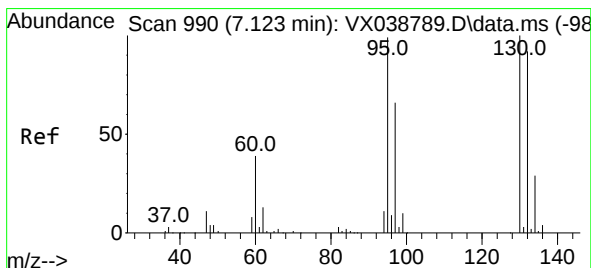
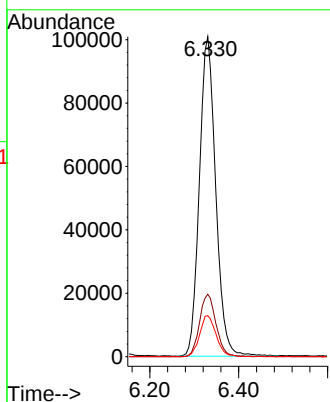
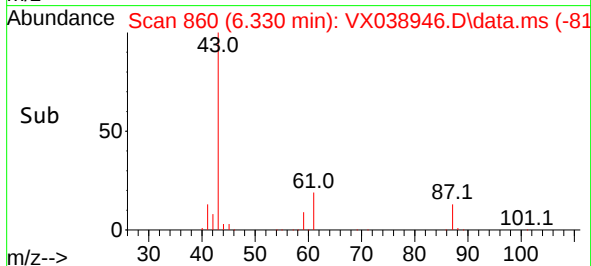
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25797
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 13.0 9.8 14.6

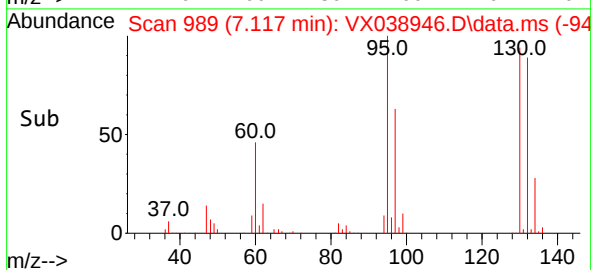
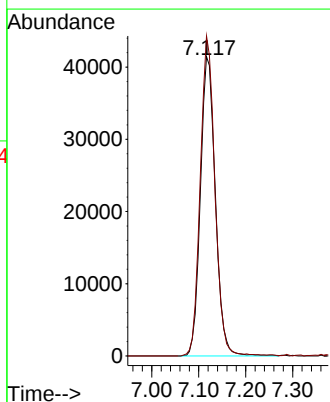
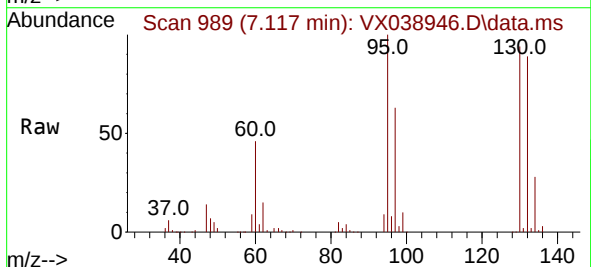
Manual Integrations
APPROVED

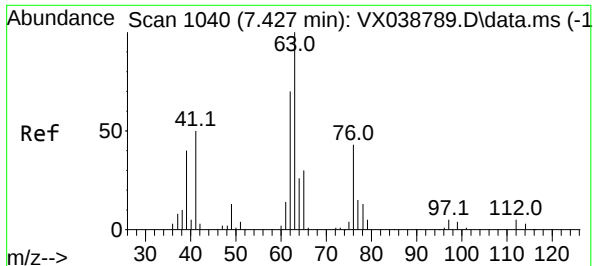
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#44
Trichloroethene
Concen: 49.161 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:130 Resp: 91560
Ion Ratio Lower Upper
130 100
95 106.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.320 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

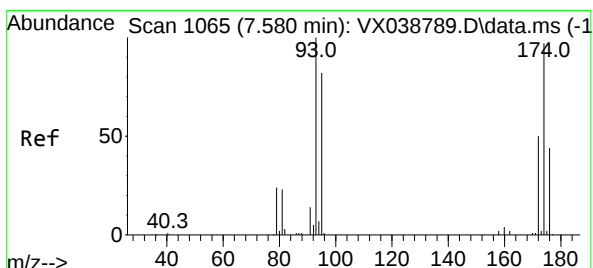
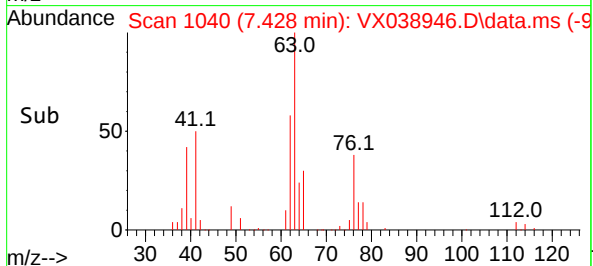
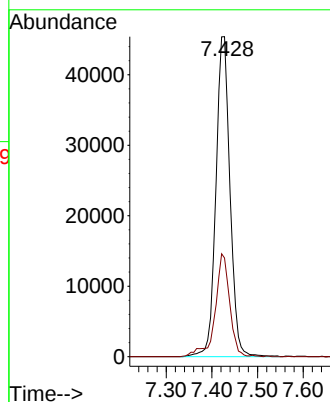
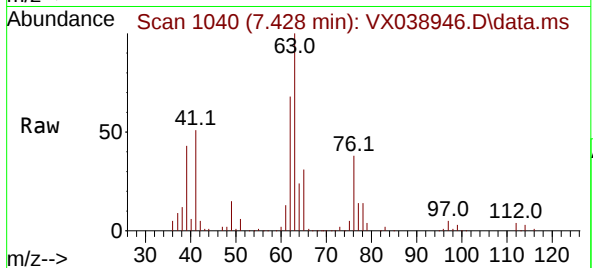
Tgt Ion: 63 Resp: 97430
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#46

Dibromomethane

Concen: 49.474 ug/l

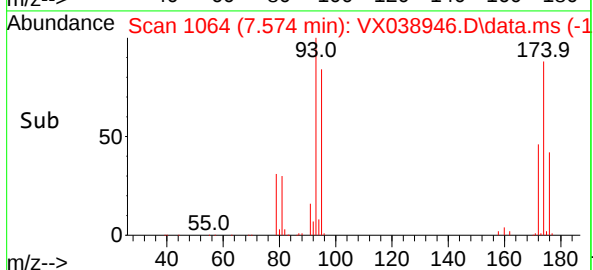
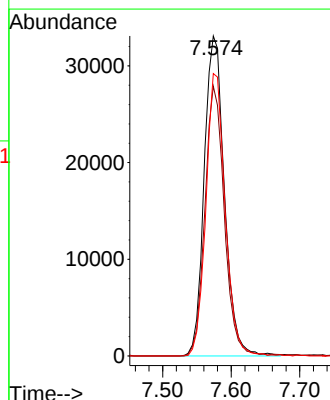
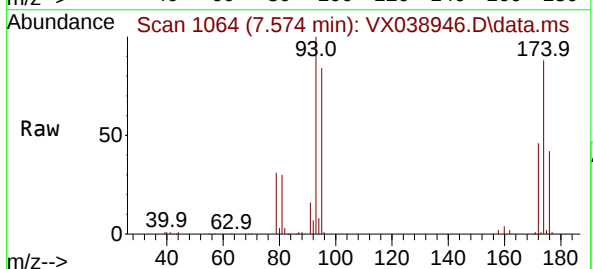
RT: 7.574 min Scan# 1064

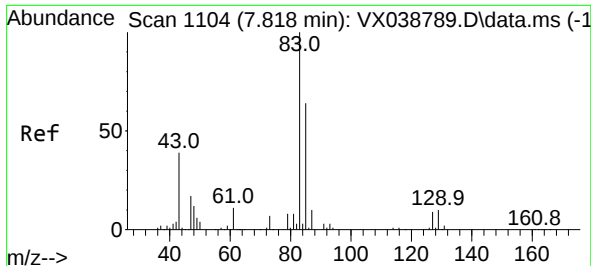
Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

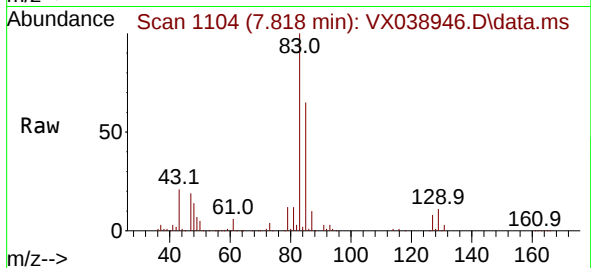
Tgt Ion: 93 Resp: 67935
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 100.0
 174 84.6 69.4 104.0





#47
Bromodichloromethane
Concen: 49.175 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

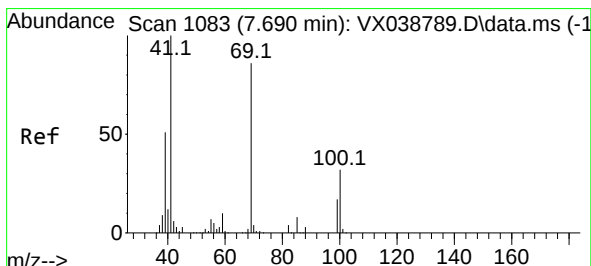
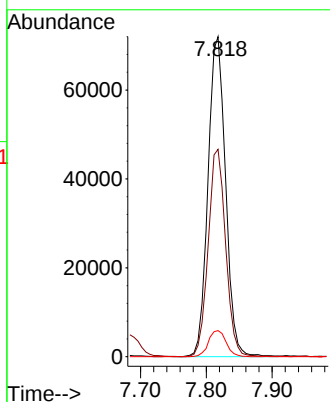
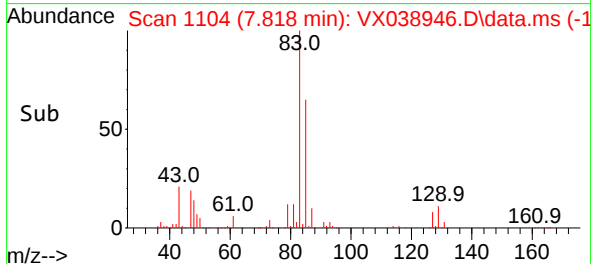
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 134020
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.2 7.1 10.7

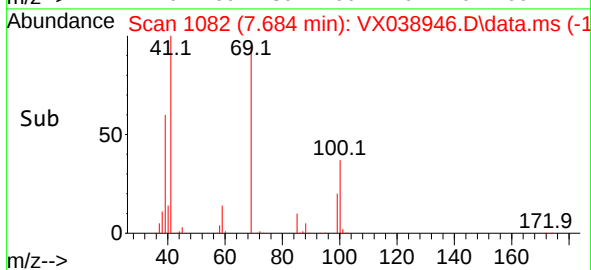
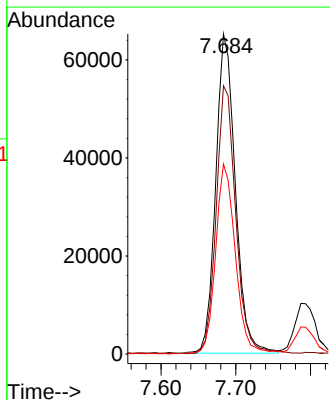
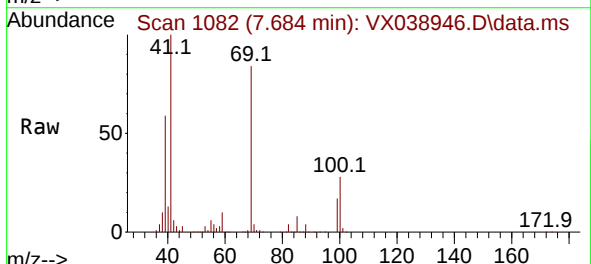
Manual Integrations
APPROVED

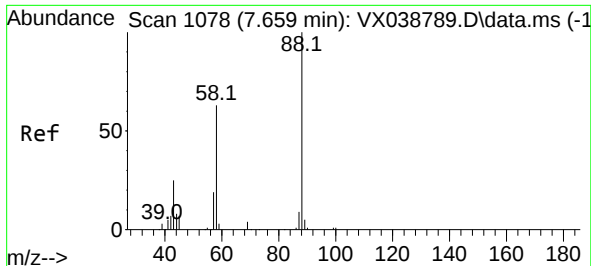
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#48
Methyl methacrylate
Concen: 45.459 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

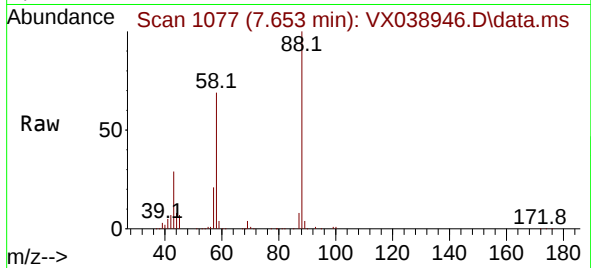
Tgt Ion: 41 Resp: 118805
Ion Ratio Lower Upper
41 100
69 84.1 59.2 88.8
39 60.3 47.7 71.5





#49
1,4-Dioxane
Concen: 898.681 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

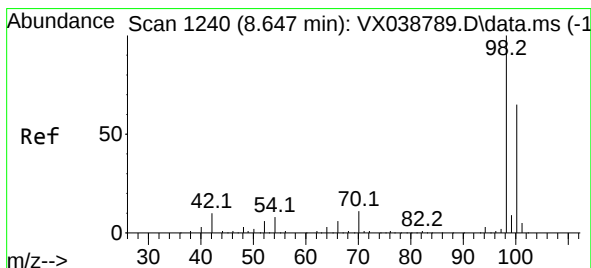
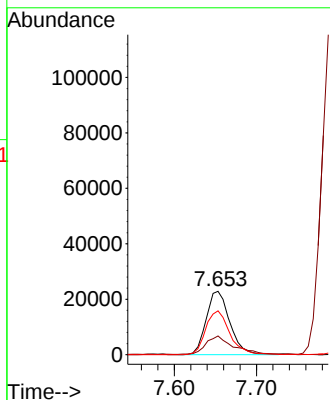
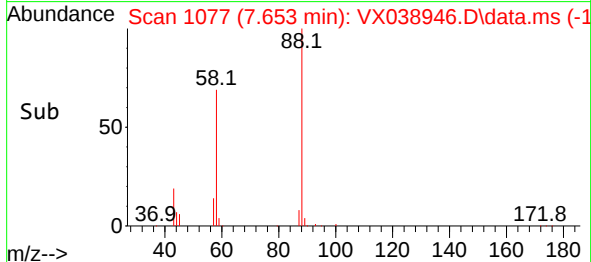
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 45438
Ion Ratio Lower Upper
88 100
43 33.7 0.0 0.0
58 70.9 60.1 90.1

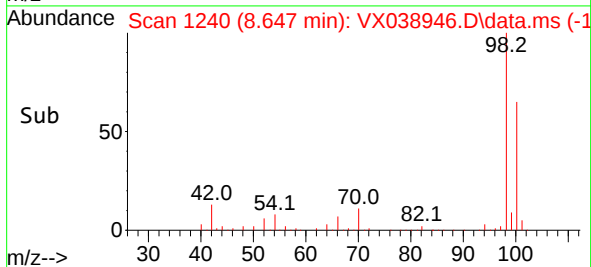
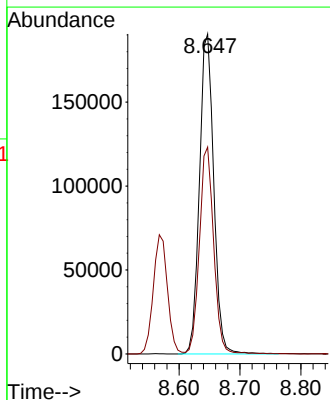
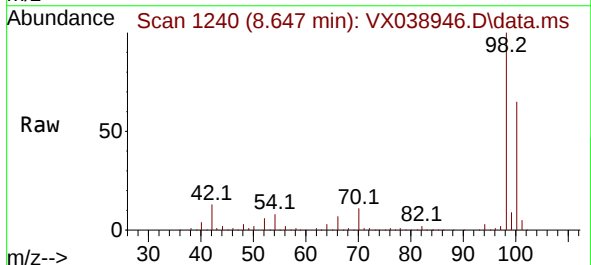
Manual Integrations
APPROVED

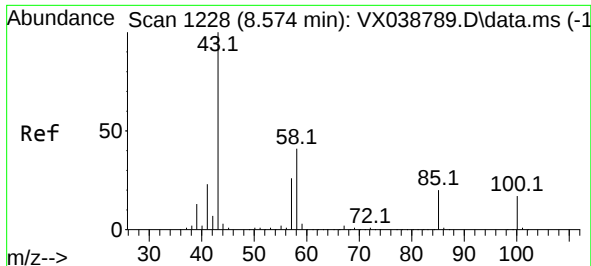
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#50
Toluene-d8
Concen: 45.022 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 98 Resp: 310921
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 236.488 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

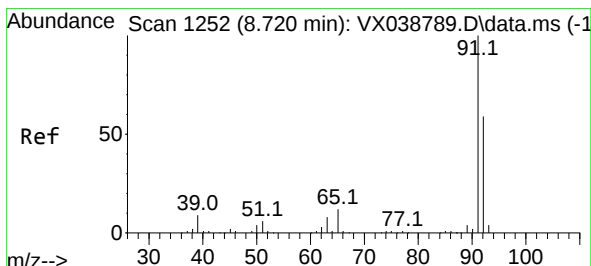
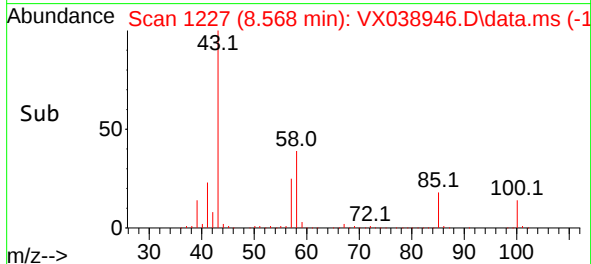
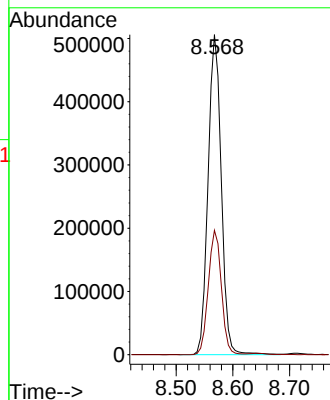
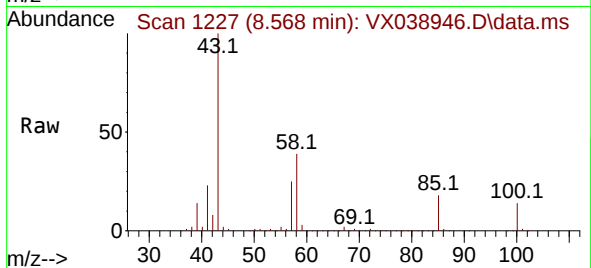
VSTDCCC050

Tgt Ion: 43 Resp: 81405
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

Manual Integrations

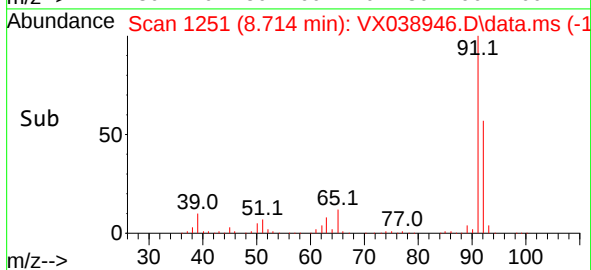
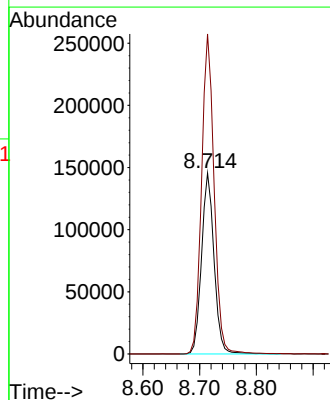
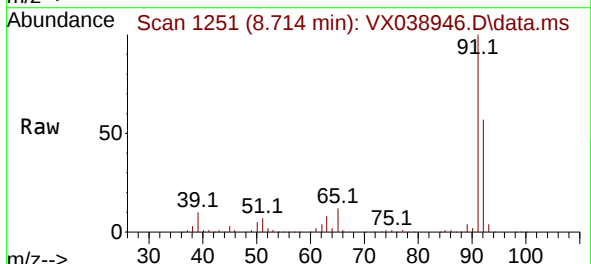
APPROVED

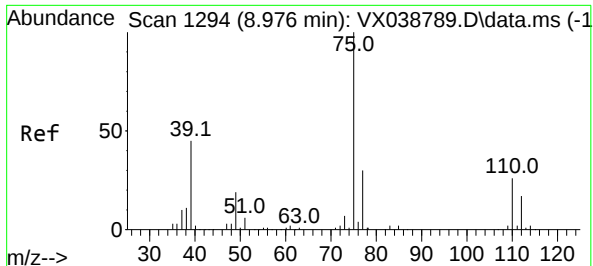
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#52
Toluene
Concen: 46.989 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 92 Resp: 223111
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.244 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 15625

Ion Ratio Lower Upper

75 100

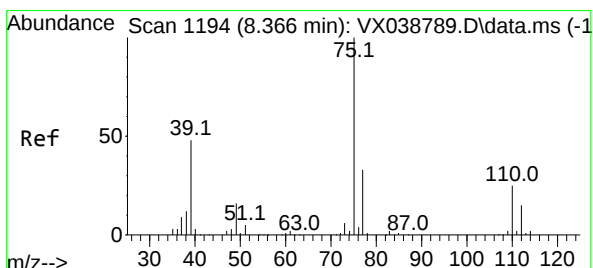
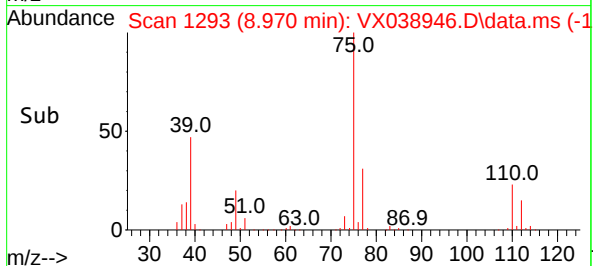
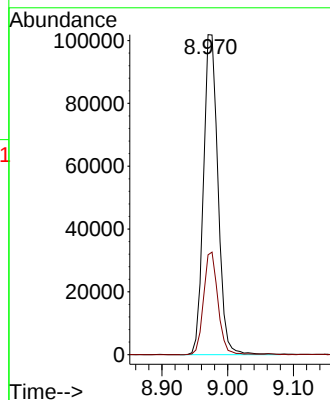
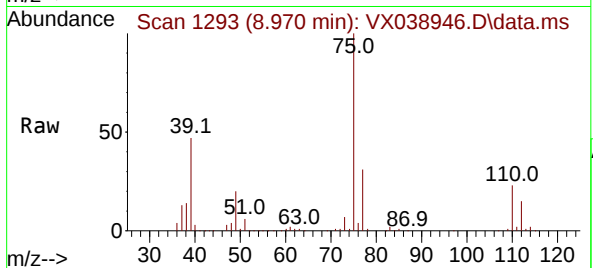
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#54

cis-1,3-Dichloropropene

Concen: 48.098 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

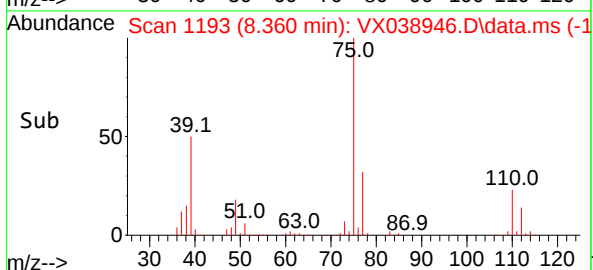
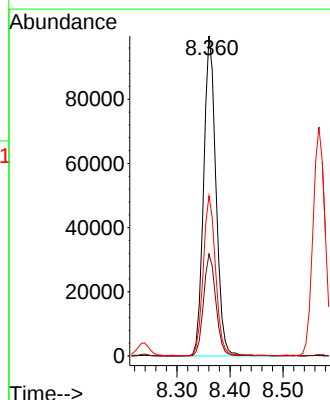
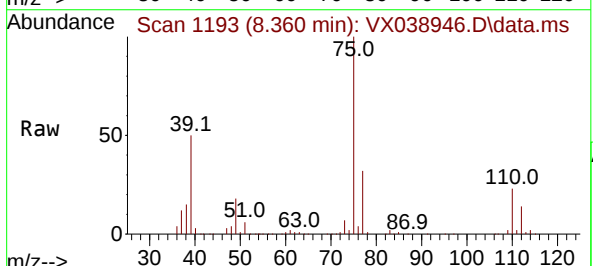
Tgt Ion: 75 Resp: 160912

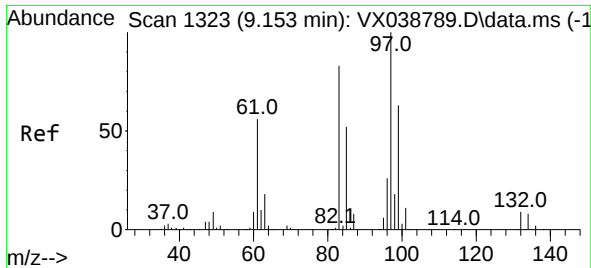
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

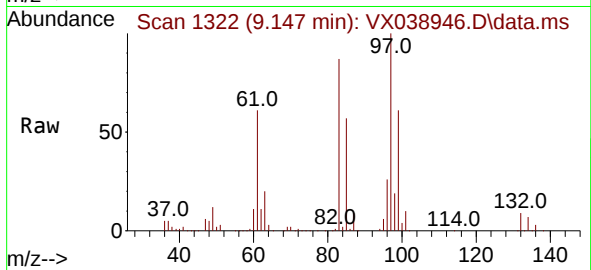
39 50.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 47.778 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

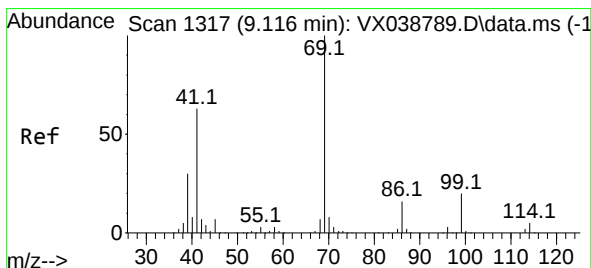
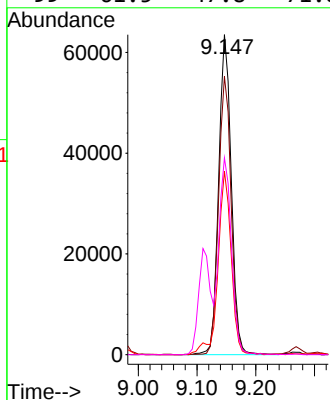
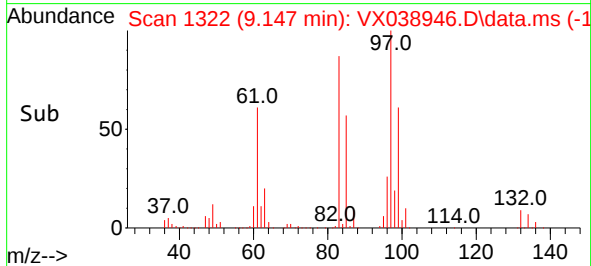


Tgt Ion: 97 Resp: 9465

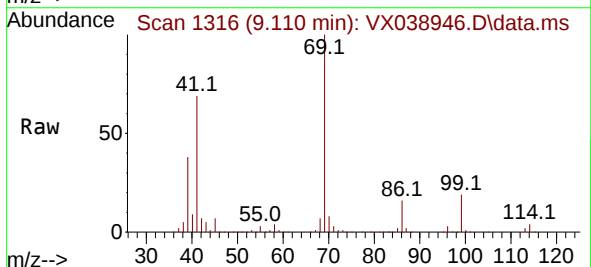
Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.8	98.8
85	57.3	41.6	62.4
99	61.5	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

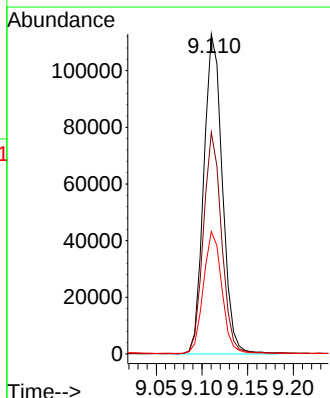
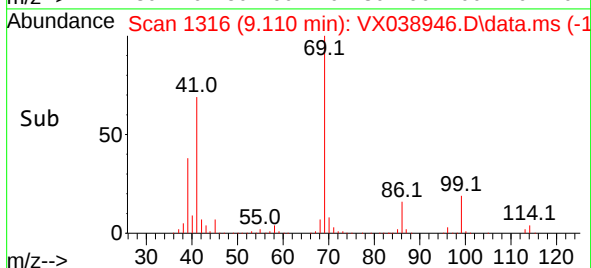


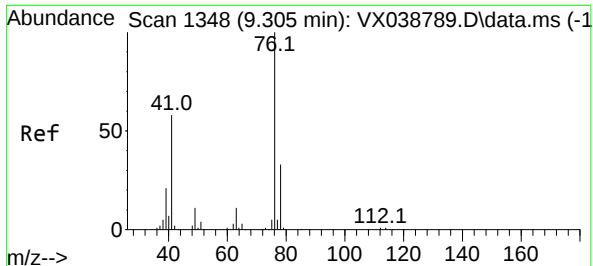
#56
Ethyl methacrylate
Concen: 47.602 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 69 Resp: 159569

Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.8	85.2
39	37.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.904 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15696

Ion Ratio Lower Upper

76 100

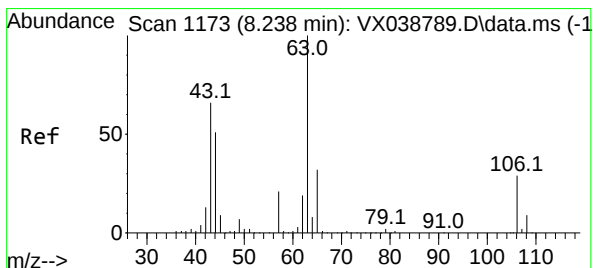
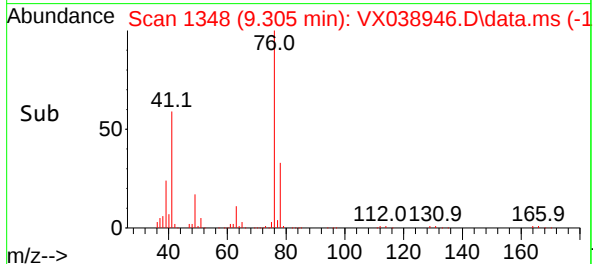
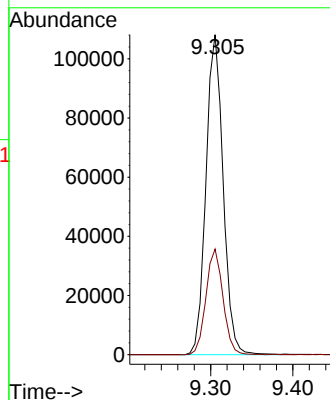
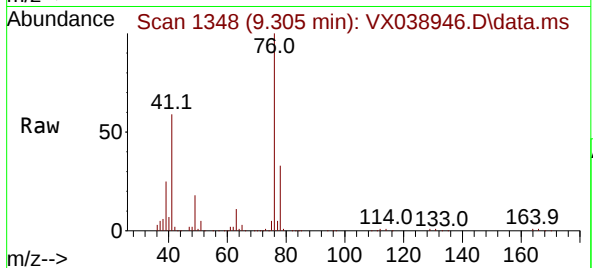
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 205.339 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038946.D

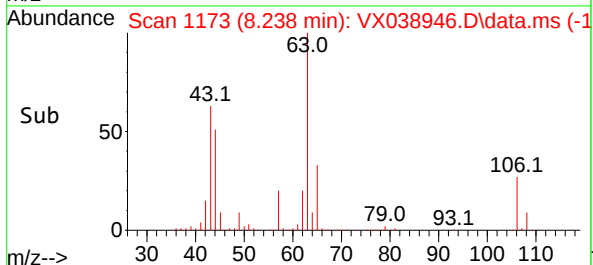
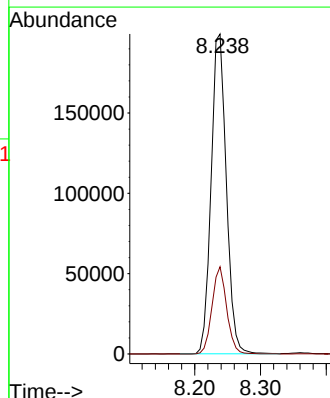
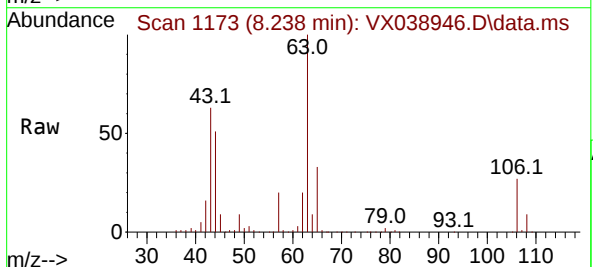
Acq: 20 Nov 2023 10:03

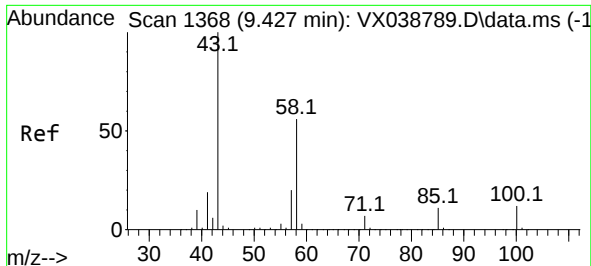
Tgt Ion: 63 Resp: 320649

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7





#59

2-Hexanone

Concen: 242.644 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 669470

Ion Ratio Lower Upper

43 100

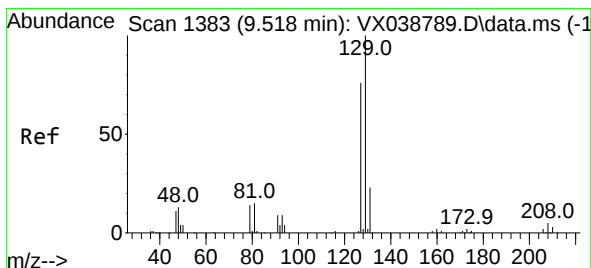
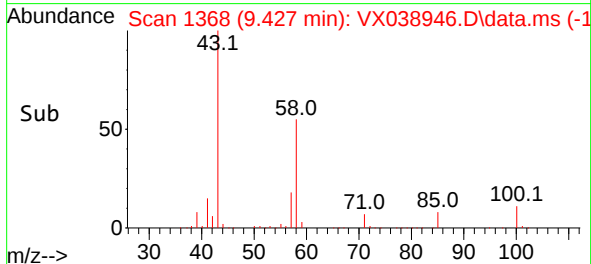
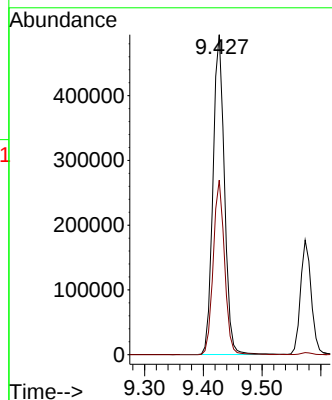
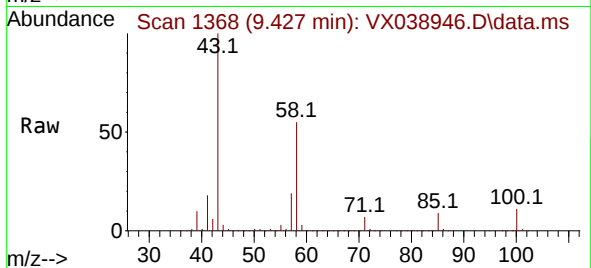
58 53.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#60

Dibromochloromethane

Concen: 50.487 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038946.D

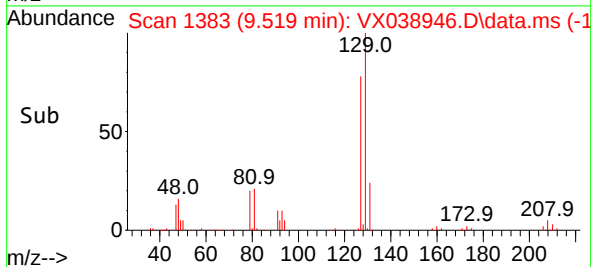
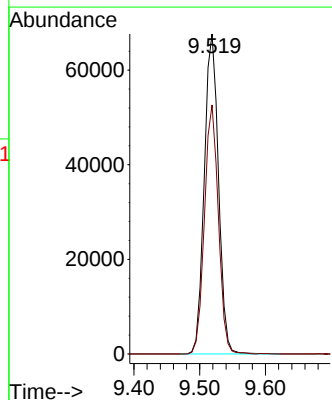
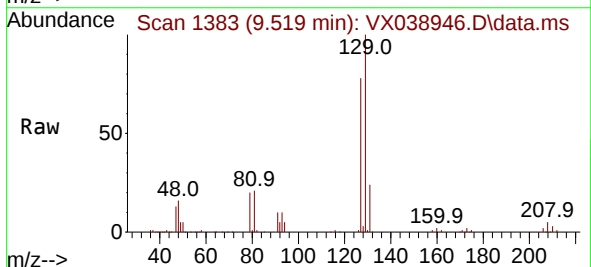
Acq: 20 Nov 2023 10:03

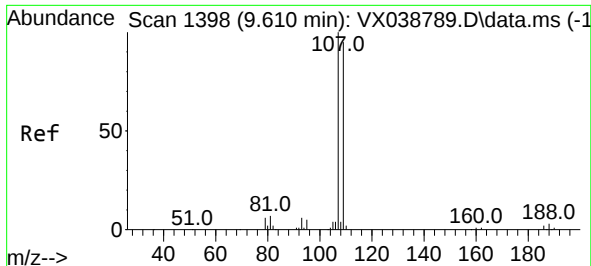
Tgt Ion:129 Resp: 101705

Ion Ratio Lower Upper

129 100

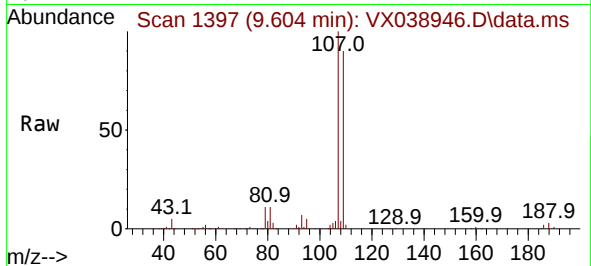
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.876 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

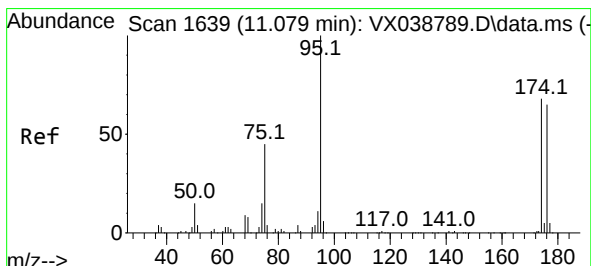
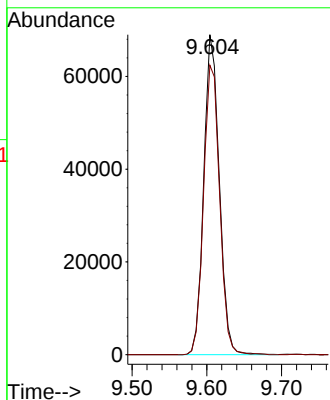
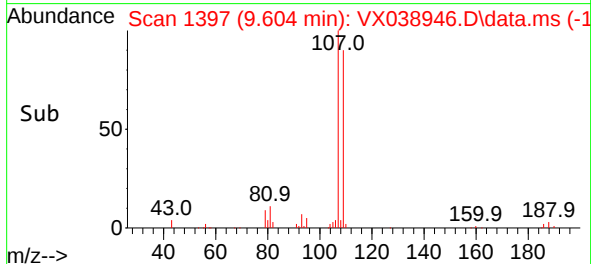
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 9953
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

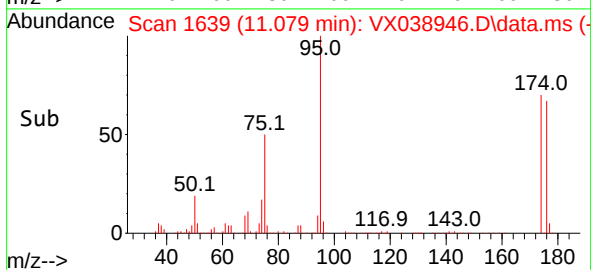
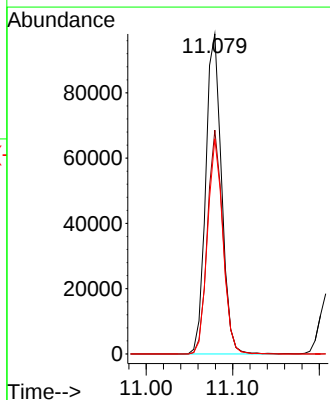
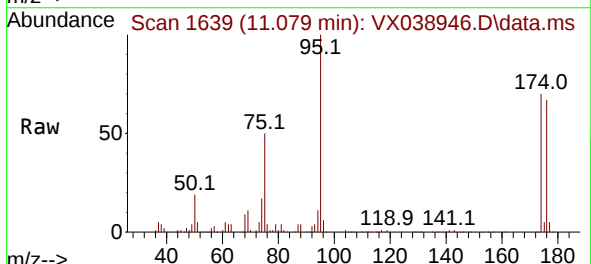
Manual Integrations
APPROVED

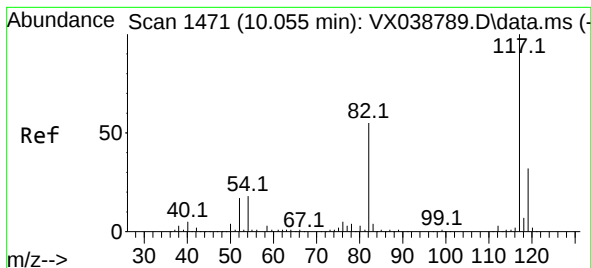
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#62
4-Bromofluorobenzene
Concen: 44.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

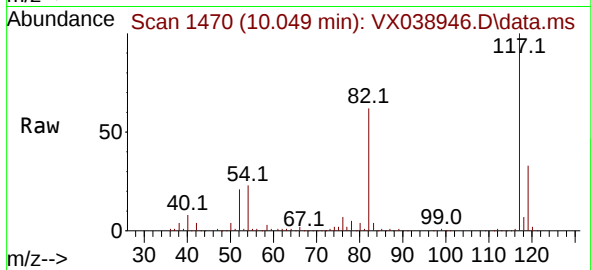
Tgt Ion: 95 Resp: 124271
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 65.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

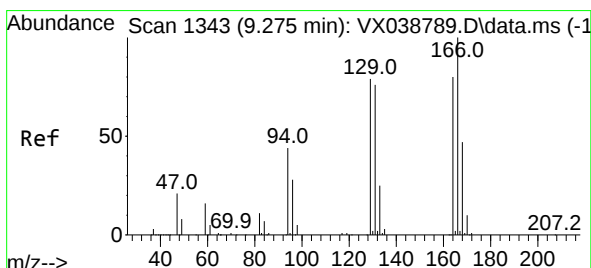
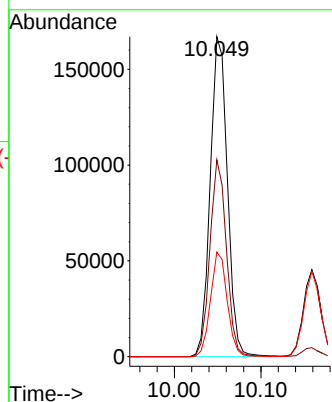
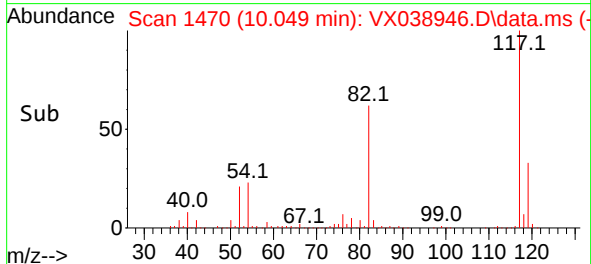
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 230000
Ion Ratio Lower Upper
117 100
82 61.6 46.2 69.4
119 32.7 25.5 38.3

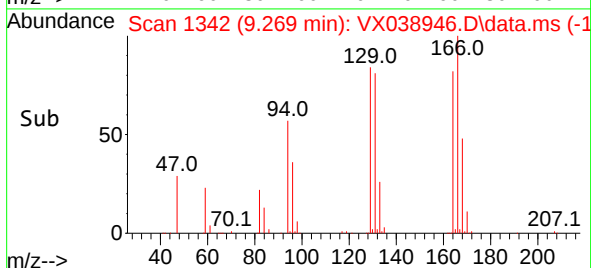
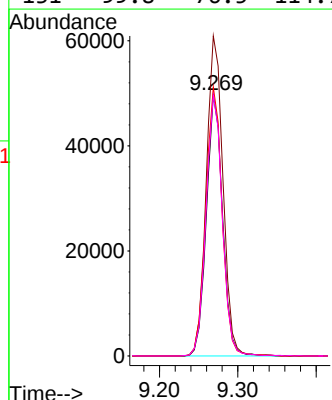
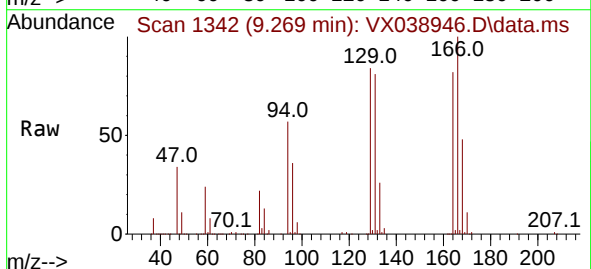
Manual Integrations
APPROVED

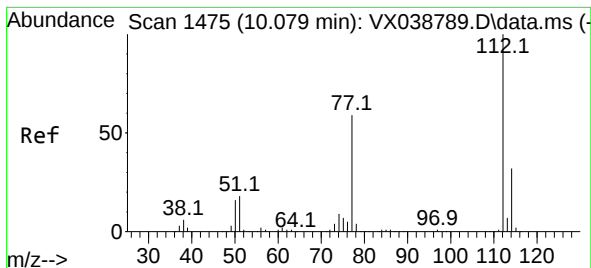
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#64
Tetrachloroethene
Concen: 49.641 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

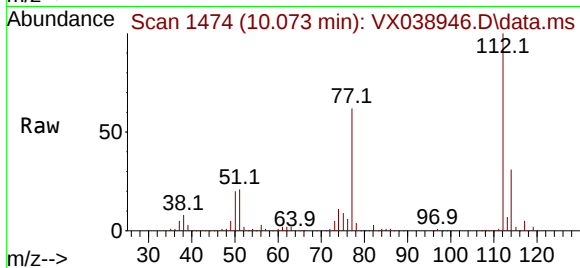
Tgt Ion:164 Resp: 70971
Ion Ratio Lower Upper
164 100
166 122.5 102.7 154.1
129 103.0 80.4 120.6
131 99.8 76.5 114.7





#65
Chlorobenzene
Concen: 48.523 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

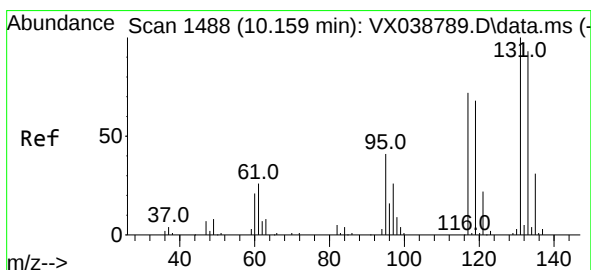
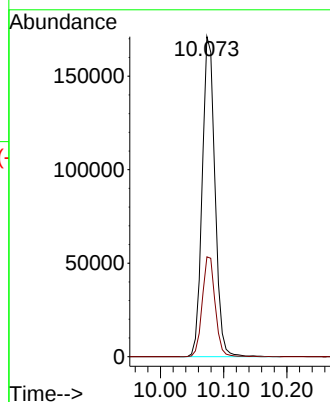
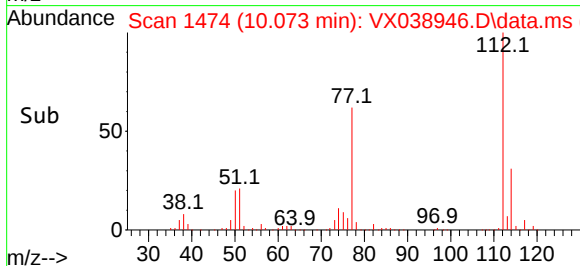
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



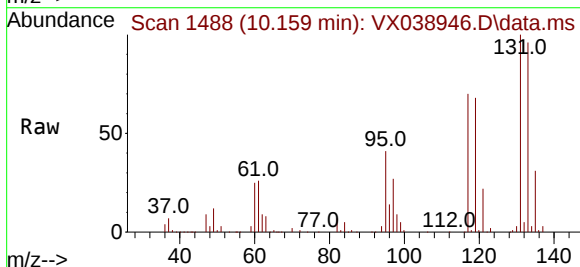
Tgt Ion:112 Resp: 24041
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

Manual Integrations
APPROVED

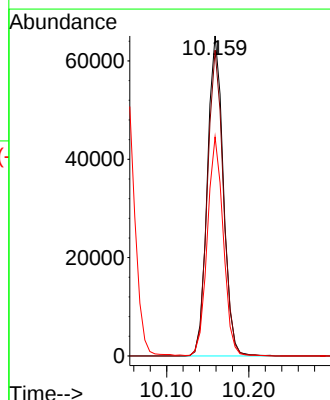
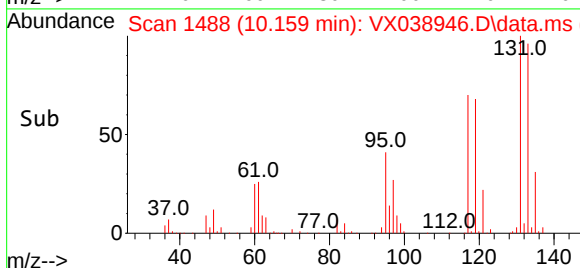
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

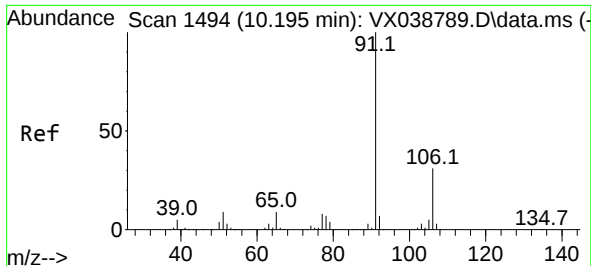


#66
1,1,1,2-Tetrachloroethane
Concen: 49.166 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion:131 Resp: 87626
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 68.4 32.2 96.6





#67

Ethyl Benzene

Concen: 49.088 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 446844

Ion Ratio Lower Upper

91 100

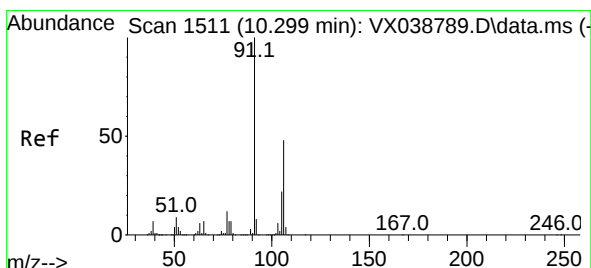
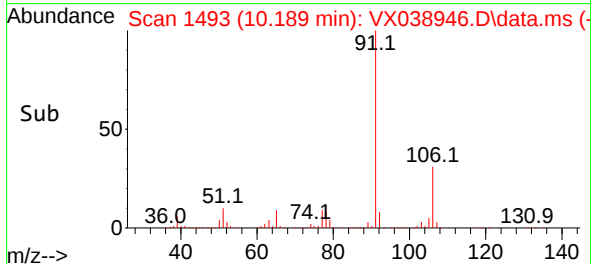
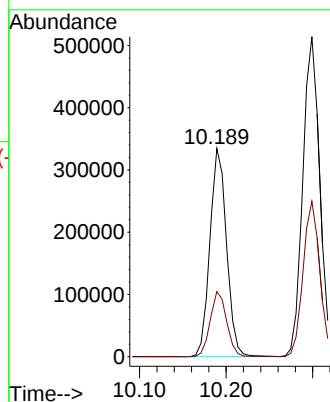
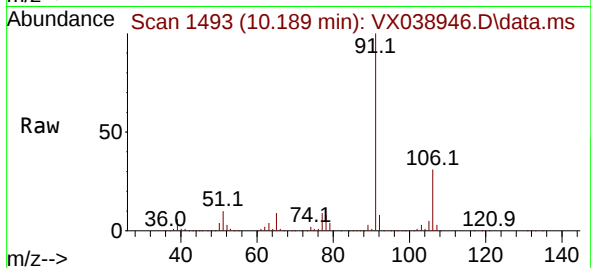
106 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#68

m/p-Xylenes

Concen: 98.087 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038946.D

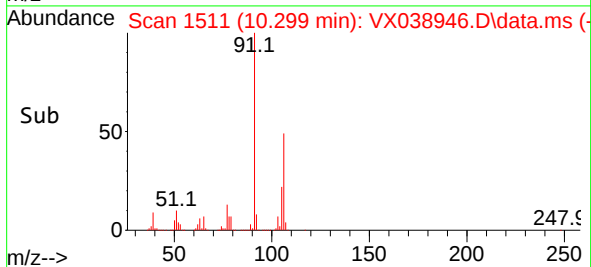
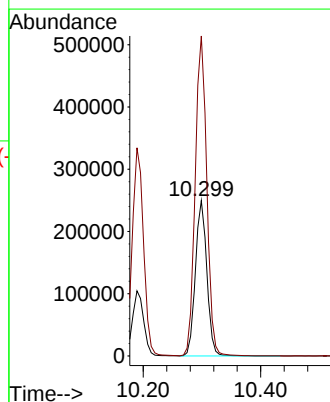
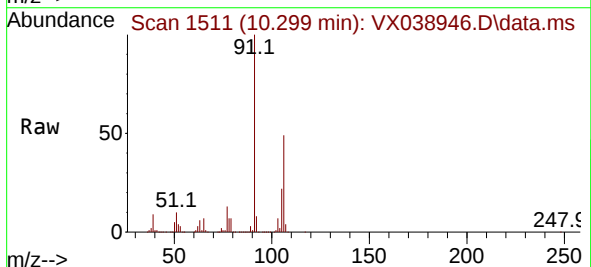
Acq: 20 Nov 2023 10:03

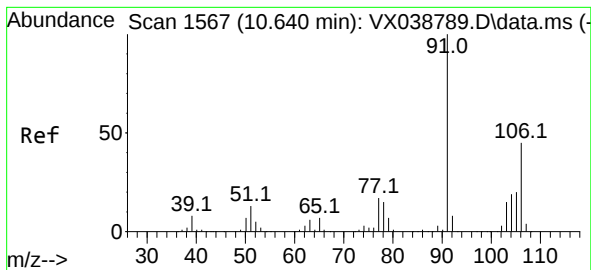
Tgt Ion:106 Resp: 337753

Ion Ratio Lower Upper

106 100

91 208.3 165.5 248.3





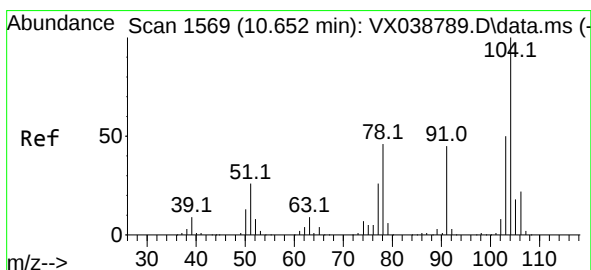
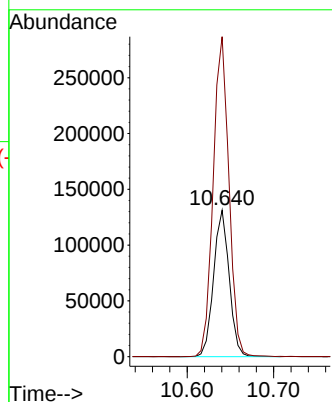
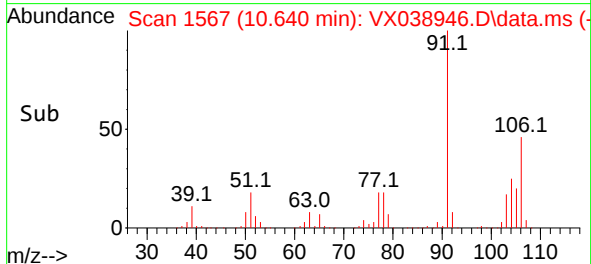
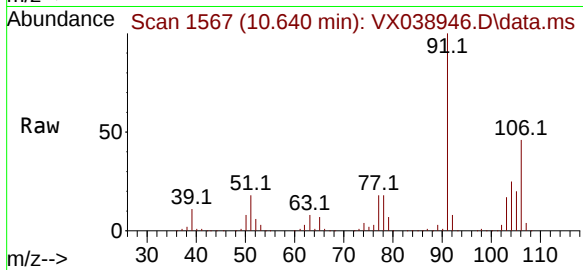
#69
o-Xylene
Concen: 48.232 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 164338
Ion Ratio Lower Upper
106 100
91 220.6 108.9 326.8

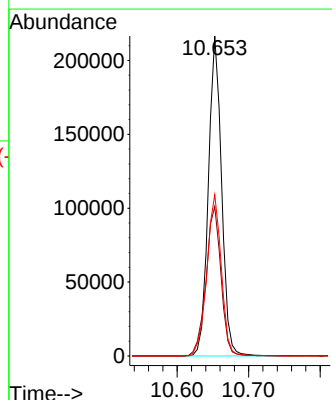
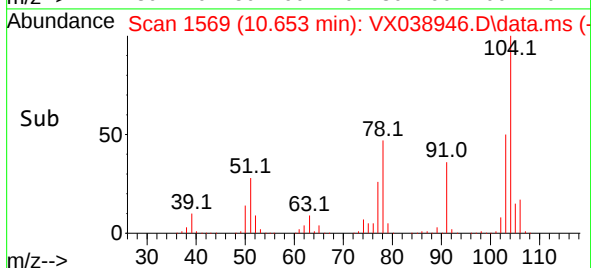
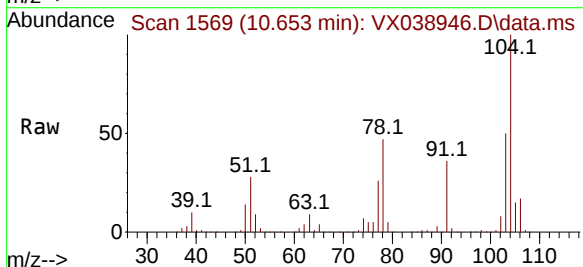
Manual Integrations
APPROVED

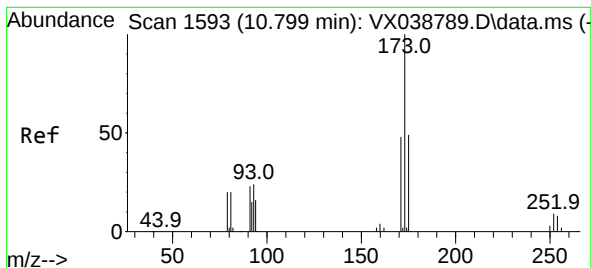
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#70
Styrene
Concen: 48.303 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:104 Resp: 277950
Ion Ratio Lower Upper
104 100
78 52.9 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 51.420 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

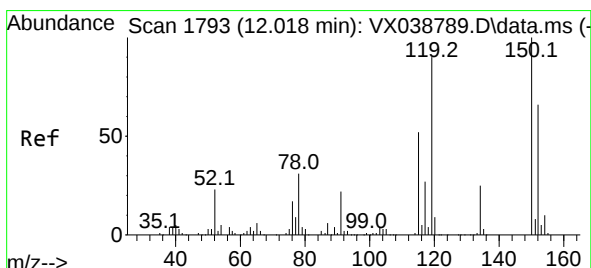
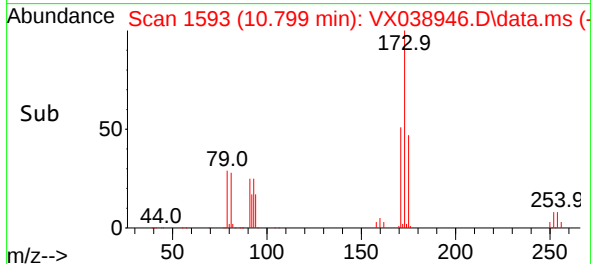
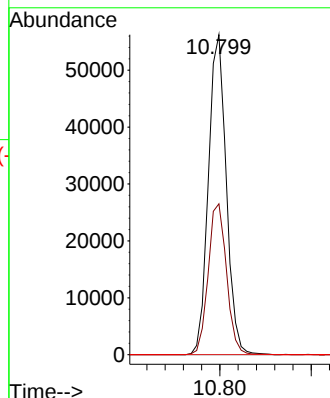
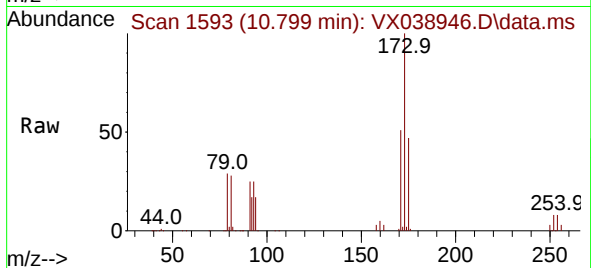
Tgt Ion:173 Resp: 76398
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

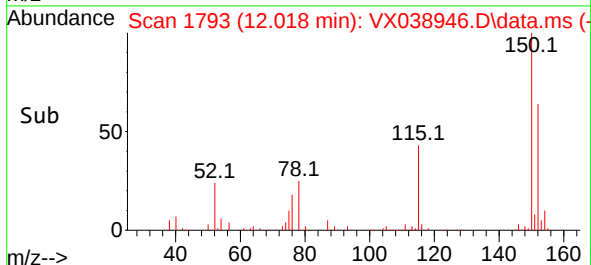
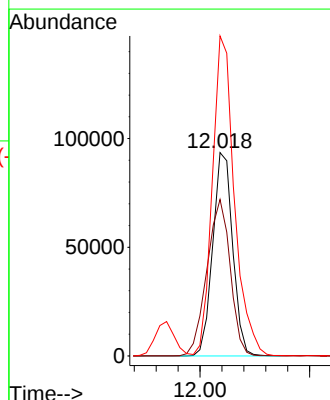
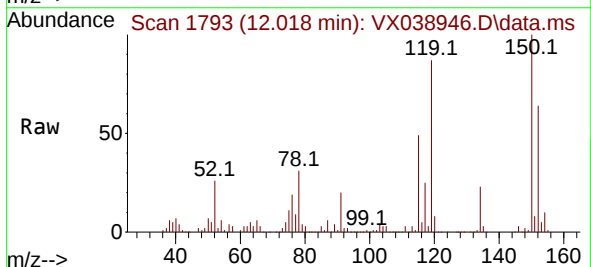
RT: 12.018 min Scan# 1793

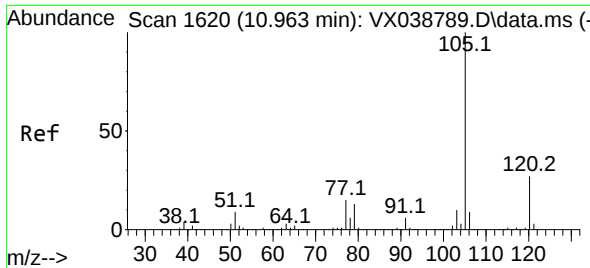
Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Tgt Ion:152 Resp: 118093
 Ion Ratio Lower Upper
 152 100
 115 90.2 43.3 129.9
 150 173.5 0.0 345.0





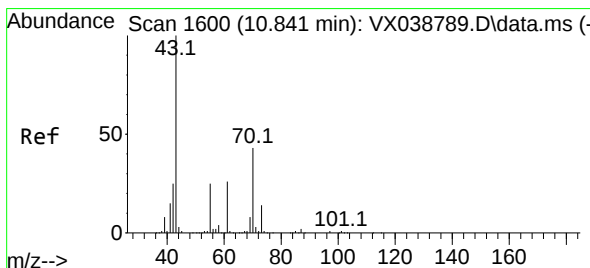
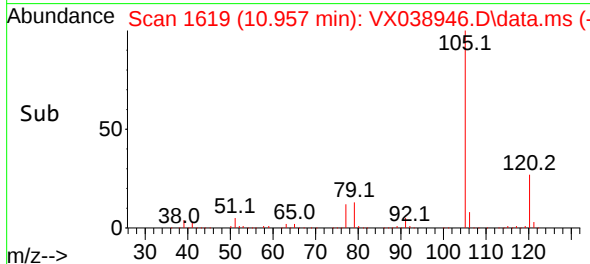
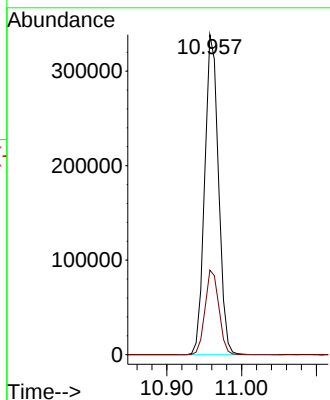
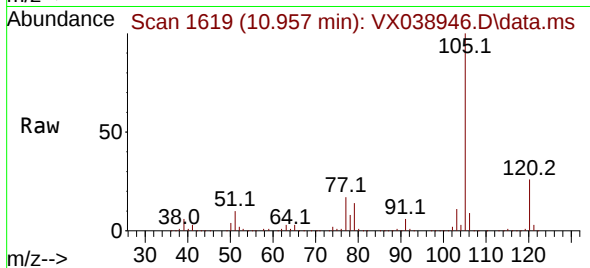
#73
Isopropylbenzene
Concen: 47.175 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 434059
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

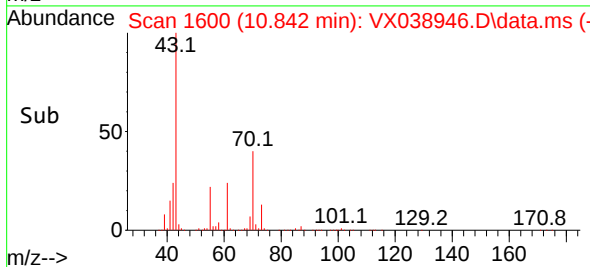
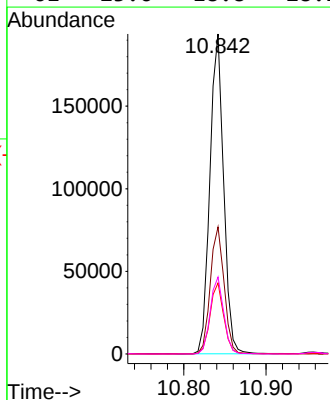
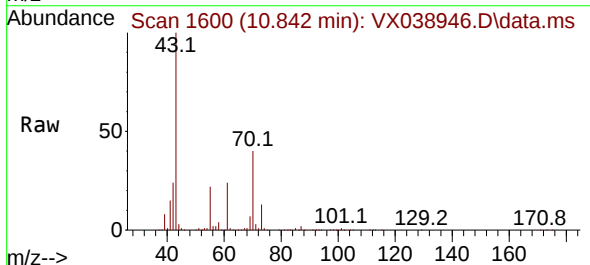
Manual Integrations
APPROVED

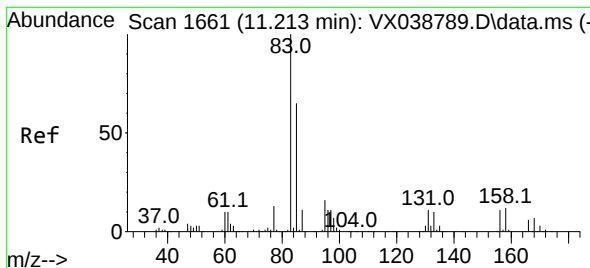
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#74
N-ethyl acetate
Concen: 46.262 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 43 Resp: 225014
Ion Ratio Lower Upper
43 100
70 40.1 32.9 49.3
55 22.2 19.3 28.9
61 23.6 18.8 28.2





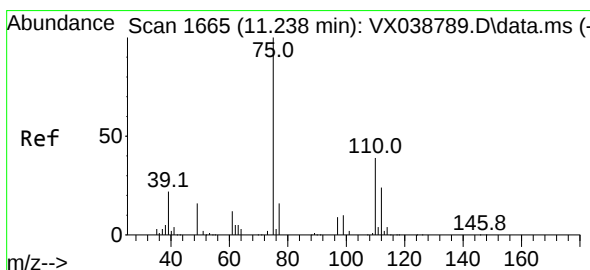
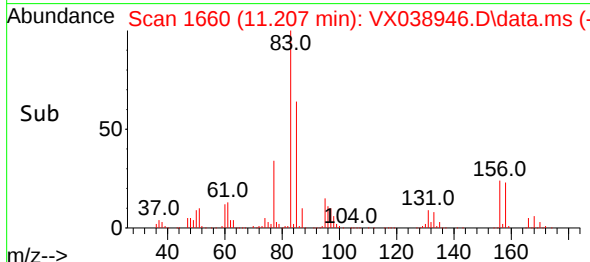
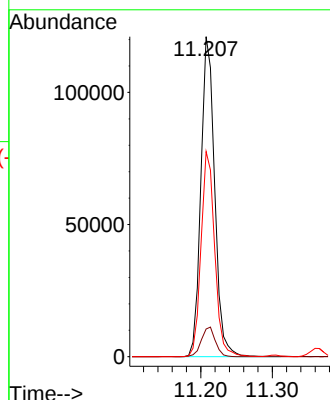
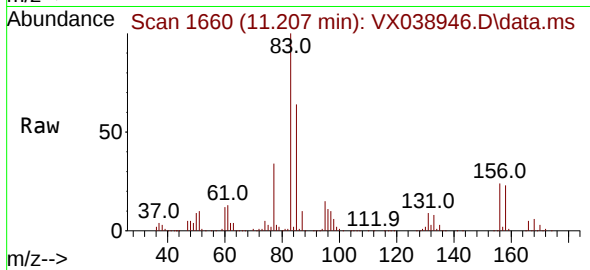
#75
1,1,2,2-Tetrachloroethane
Concen: 45.095 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 161970
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 63.6 32.0 96.2

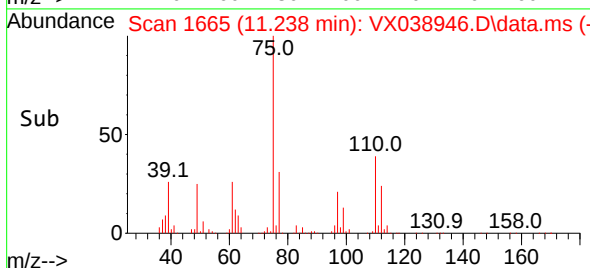
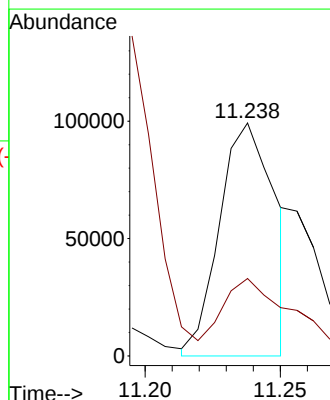
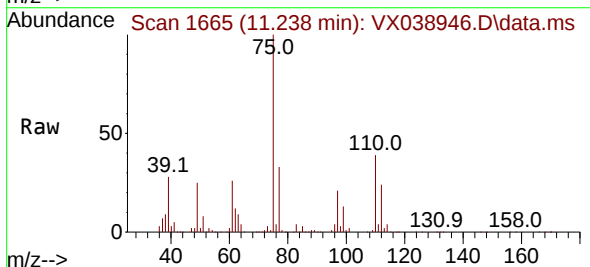
Manual Integrations
APPROVED

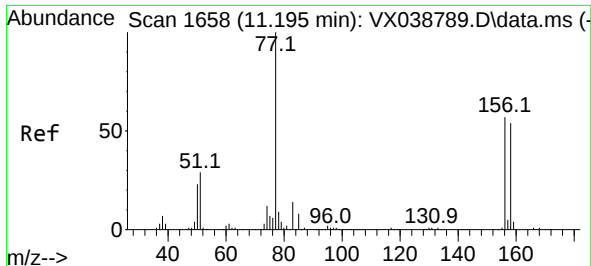
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#76
1,2,3-Trichloropropane
Concen: 47.857 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

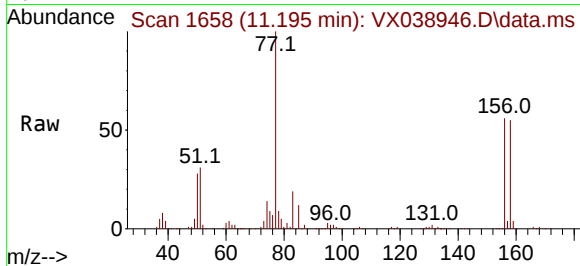
Tgt Ion: 75 Resp: 141006
Ion Ratio Lower Upper
75 100
77 43.0 19.1 57.5





#77
Bromobenzene
Concen: 46.870 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

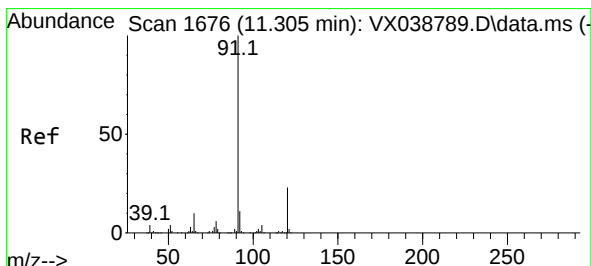
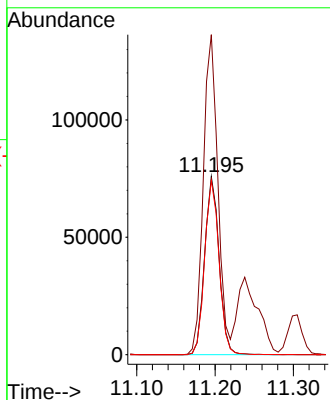
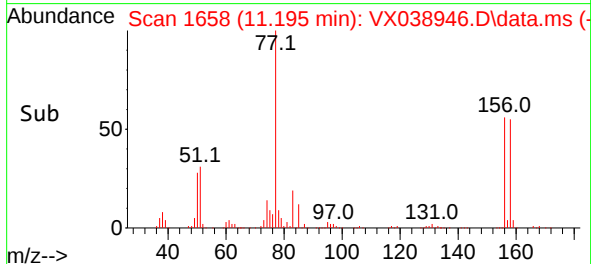
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



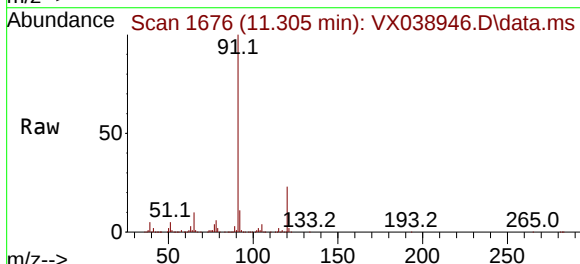
Tgt Ion:156 Resp: 96902
Ion Ratio Lower Upper
156 100
77 181.1 88.4 265.3
158 97.5 48.0 144.0

Manual Integrations
APPROVED

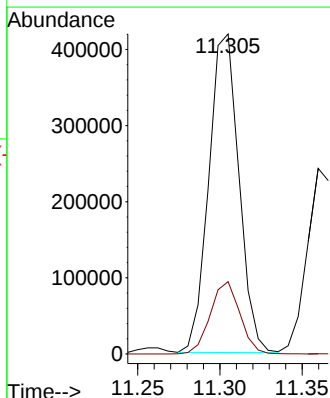
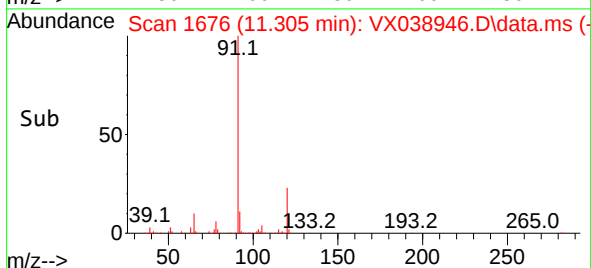
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

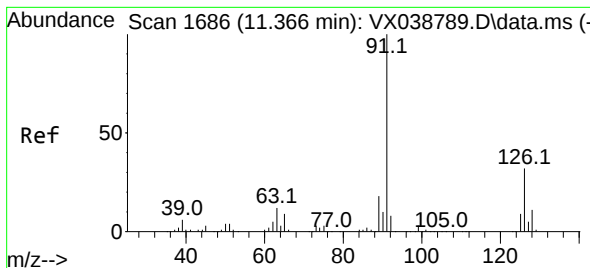


#78
n-propylbenzene
Concen: 47.124 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 91 Resp: 533704
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.989 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 309108

Ion Ratio Lower Upper

91 100

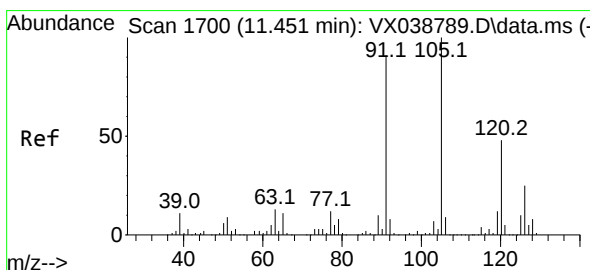
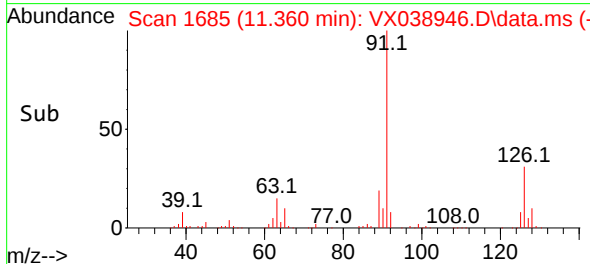
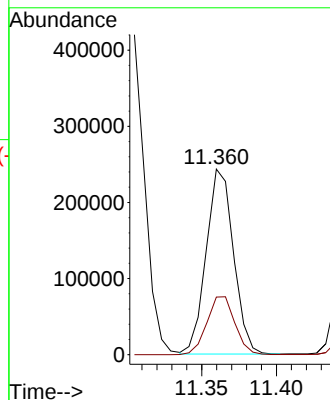
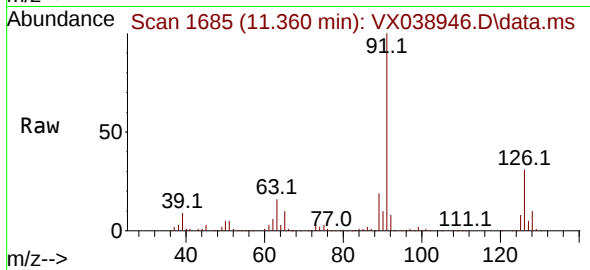
126 32.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.054 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038946.D

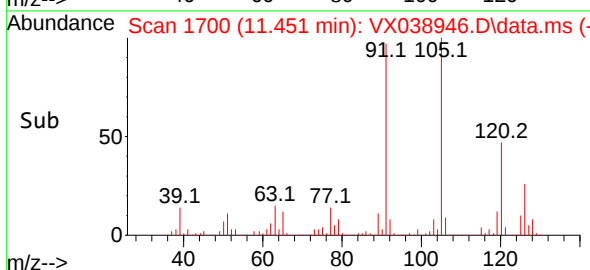
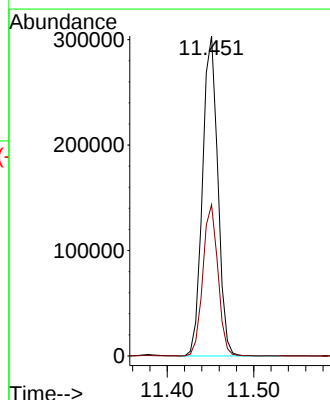
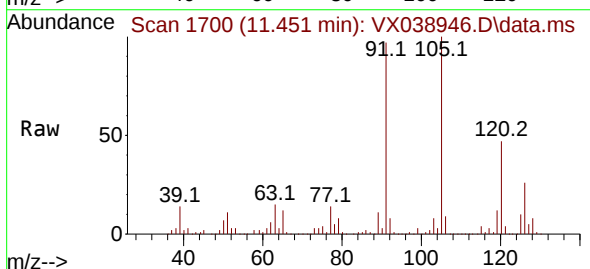
Acq: 20 Nov 2023 10:03

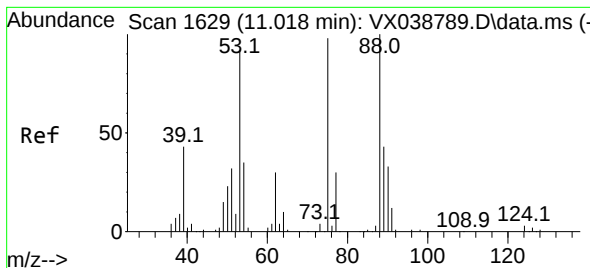
Tgt Ion:105 Resp: 371770

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3





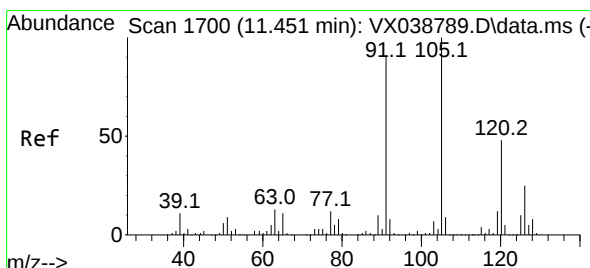
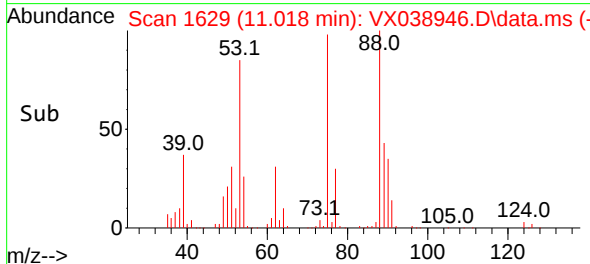
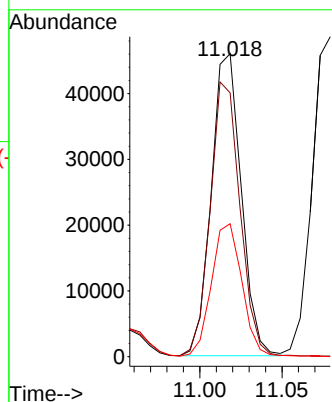
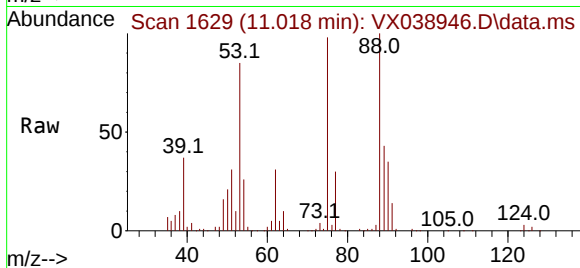
#81
trans-1,4-Dichloro-2-butene
Concen: 43.866 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58269
Ion Ratio Lower Upper
75 100
53 90.0 90.5 135.7
89 45.1 36.9 55.3

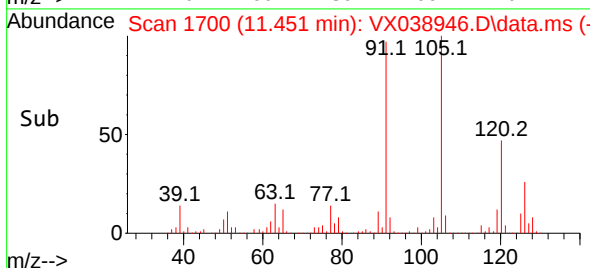
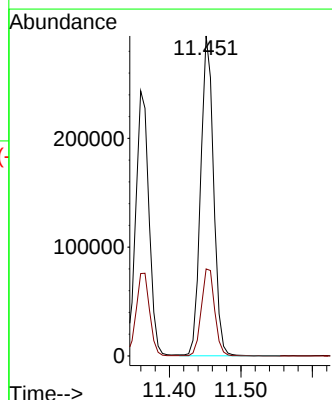
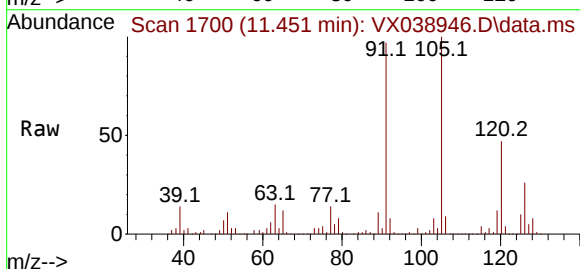
Manual Integrations
APPROVED

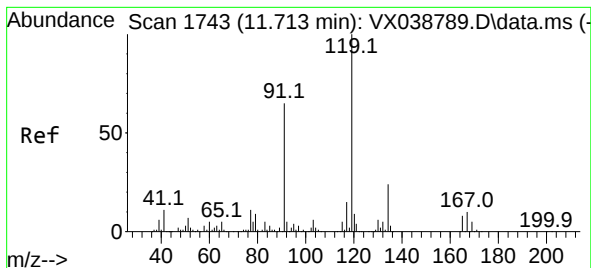
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#82
4-Chlorotoluene
Concen: 47.521 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

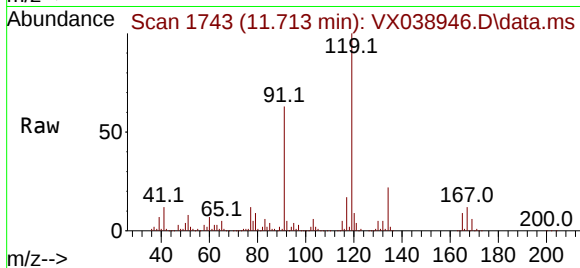
Tgt Ion: 91 Resp: 368286
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 47.957 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

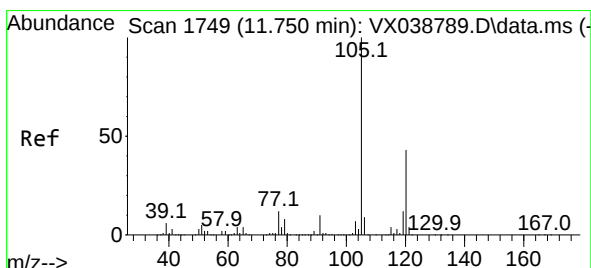
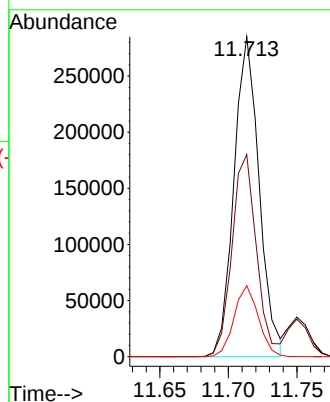
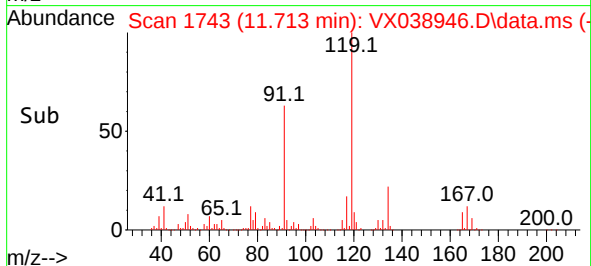
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:119 Resp: 365404
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.2 93.6
 134 21.5 11.7 35.0

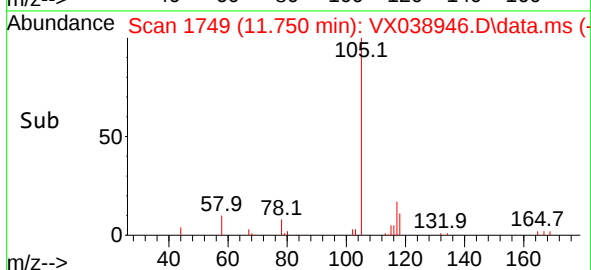
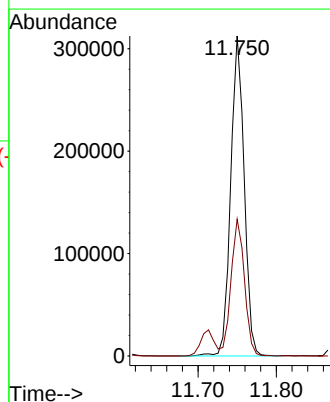
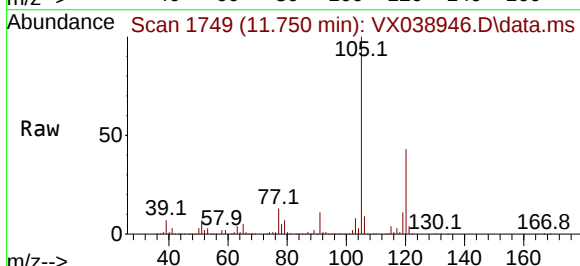
Manual Integrations
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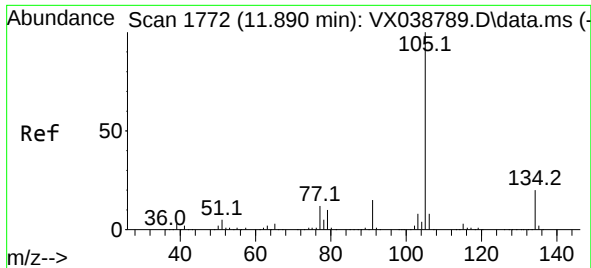
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 47.669 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

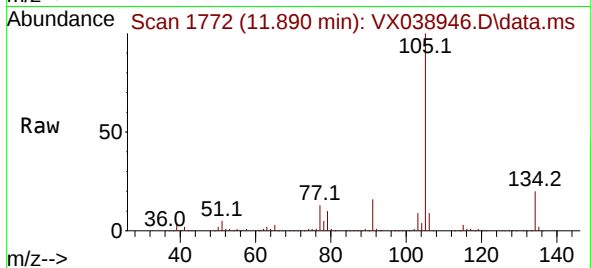
Tgt Ion:105 Resp: 373272
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.687 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

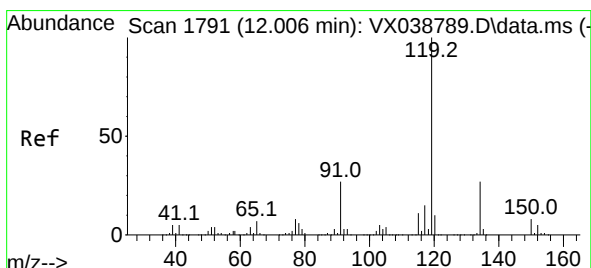
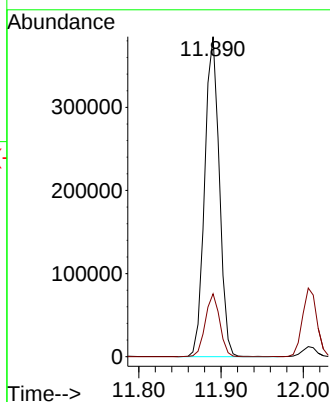
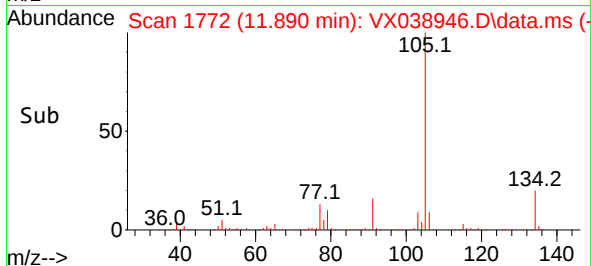
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



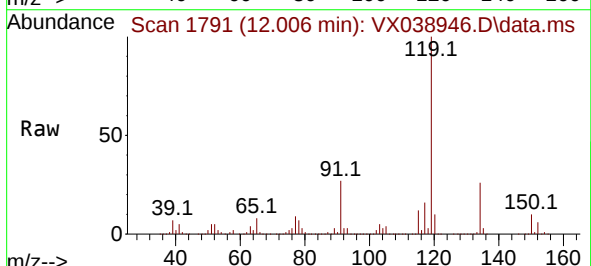
Tgt Ion:105 Resp: 475270
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

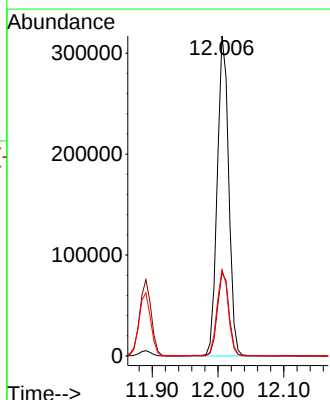
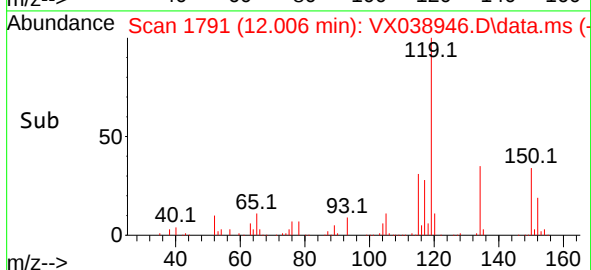
Reviewed By :John Carlone 11/21/2023
 Supervised By :Mahesh Dadoda 11/21/2023

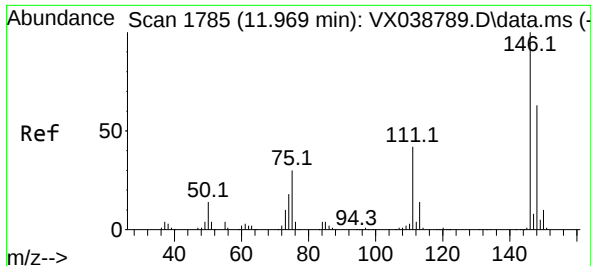


#86
 p-Isopropyltoluene
 Concen: 48.028 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03



Tgt Ion:119 Resp: 384249
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.460 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038946.D

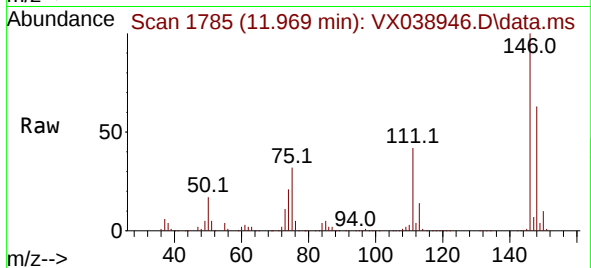
Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 192144

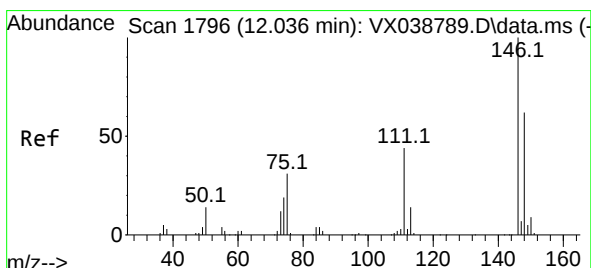
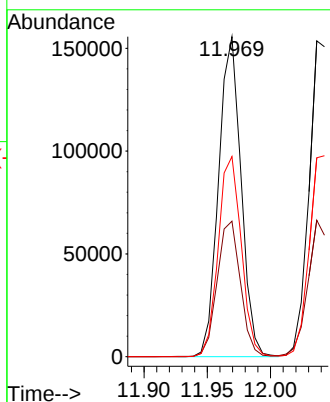
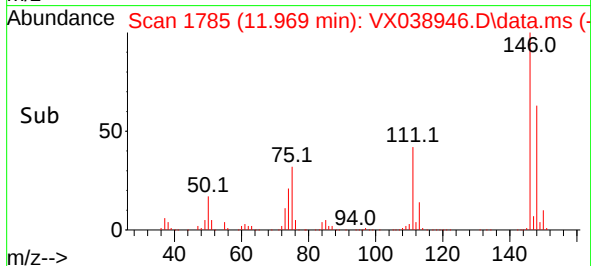
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#88

1,4-Dichlorobenzene

Concen: 47.148 ug/l

RT: 12.036 min Scan# 1796

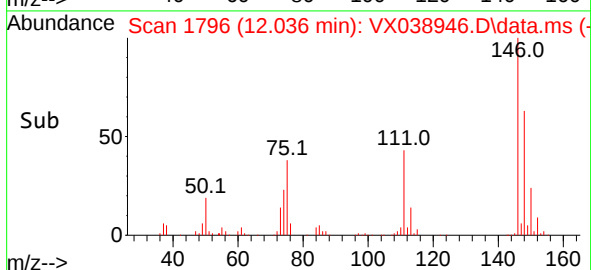
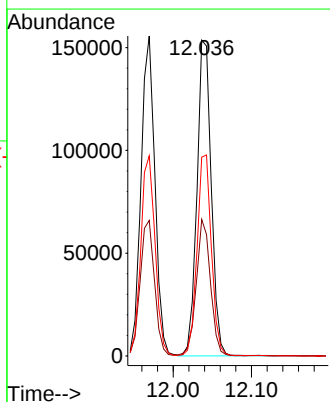
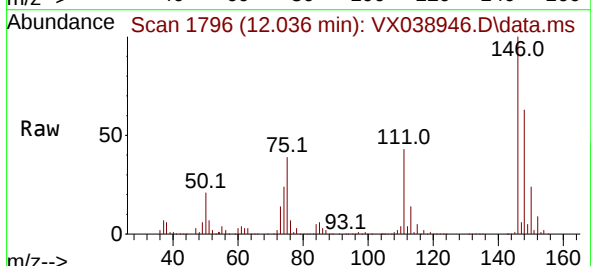
Delta R.T. 0.000 min

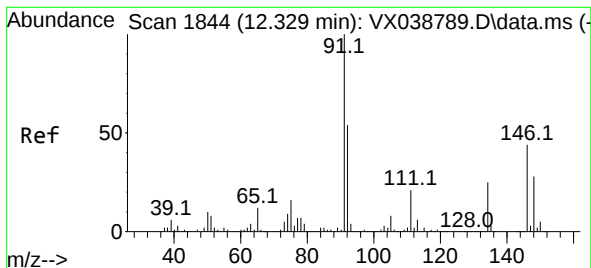
Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Tgt Ion:146 Resp: 195367

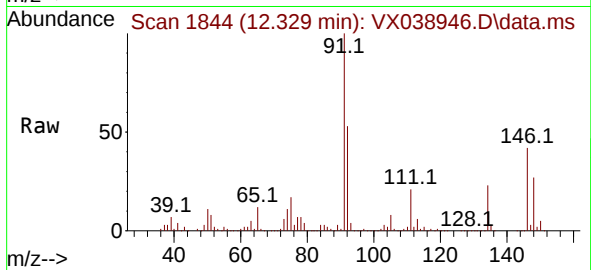
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.7
148	63.6	31.8	95.4





#89
n-Butylbenzene
Concen: 47.377 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

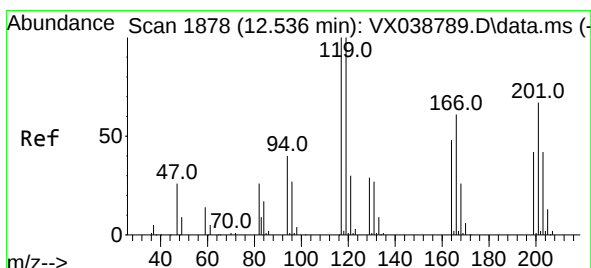
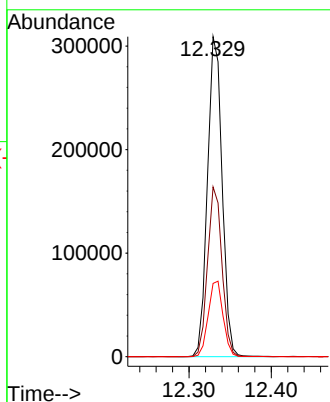
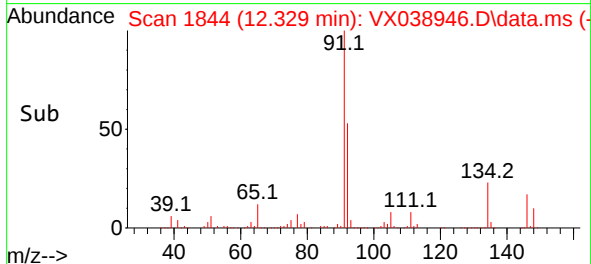
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 38243
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 23.9 12.6 37.8

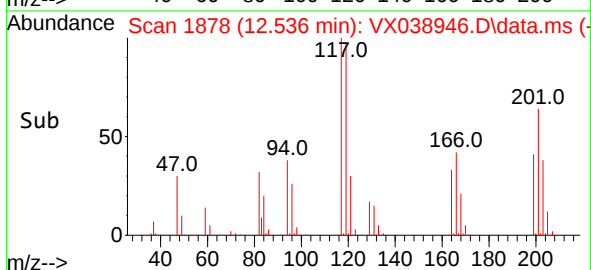
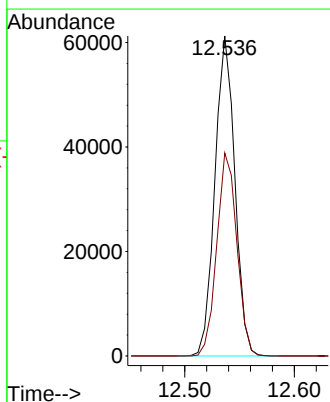
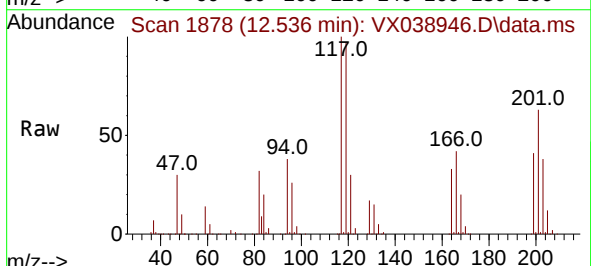
Manual Integrations
APPROVED

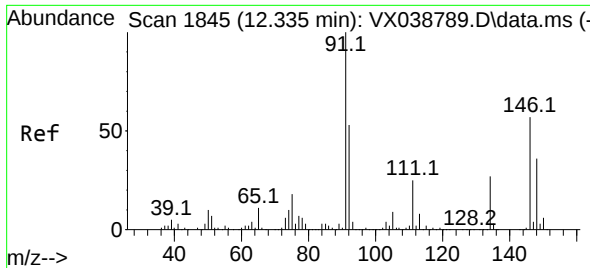
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#90
Hexachloroethane
Concen: 48.414 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

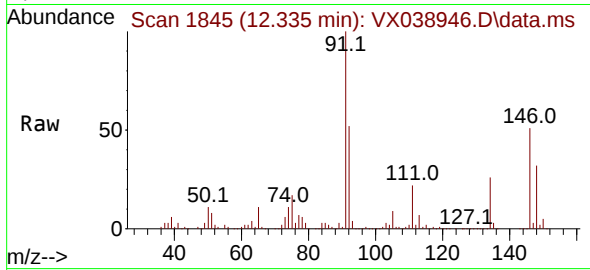
Tgt Ion:117 Resp: 77351
Ion Ratio Lower Upper
117 100
201 64.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.221 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

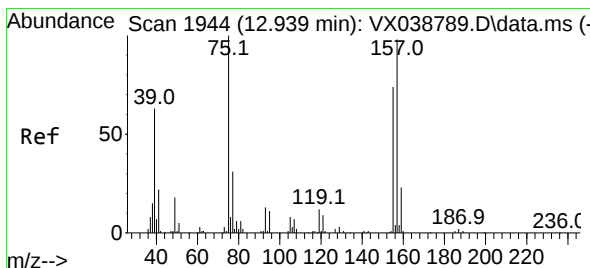
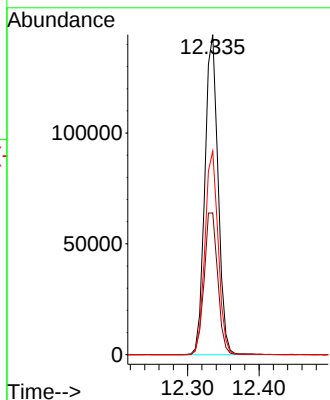
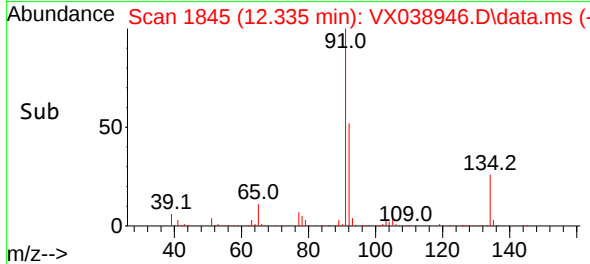
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



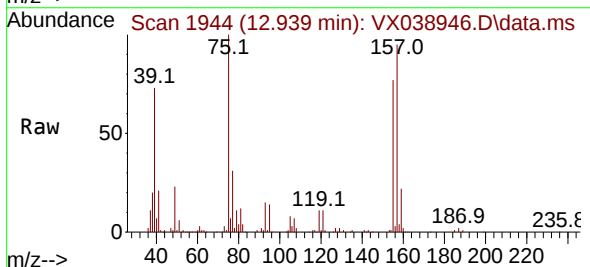
Tgt Ion:146 Resp: 18516
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

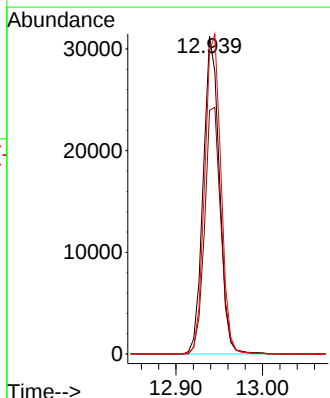
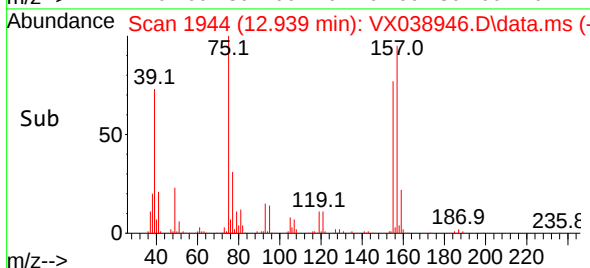
Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

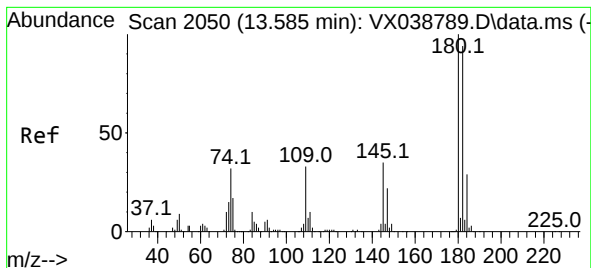


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.950 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion: 75 Resp: 40436
Ion Ratio Lower Upper
75 100
155 78.1 36.1 108.5
157 101.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.113 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

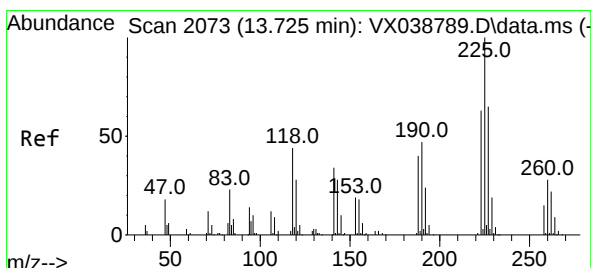
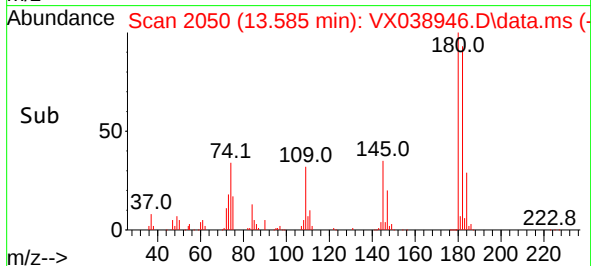
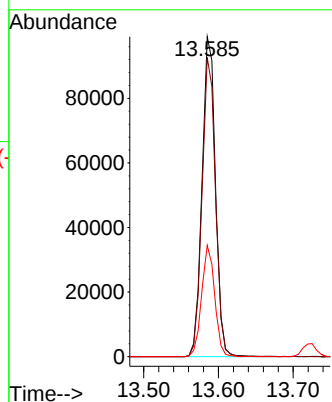
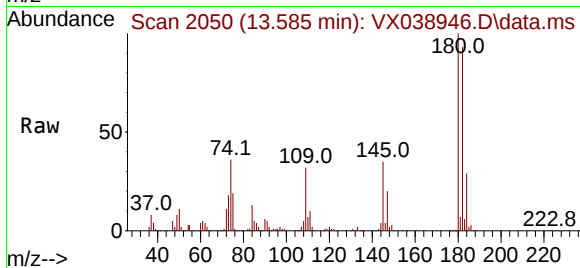
Tgt Ion:180	Resp:	12380	
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.3	144.8
145	33.8	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2023

Supervised By :Mahesh Dadoda 11/21/2023



#94

Hexachlorobutadiene

Concen: 50.194 ug/l

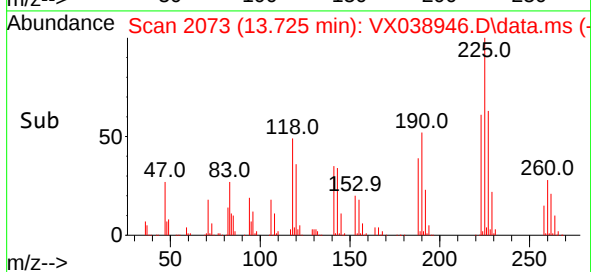
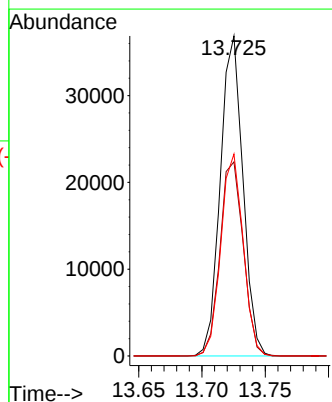
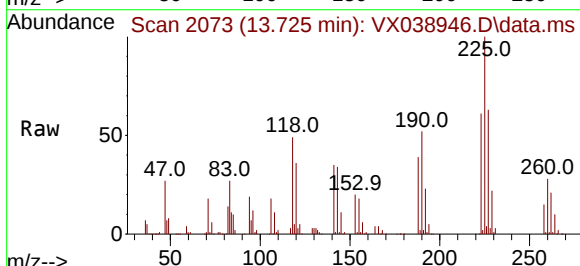
RT: 13.725 min Scan# 2073

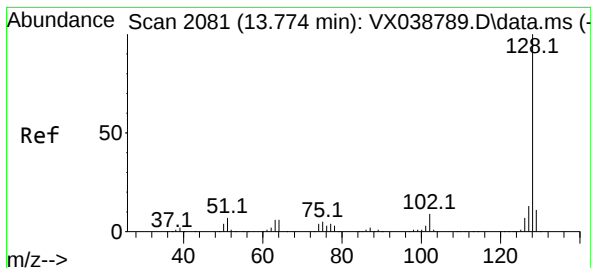
Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

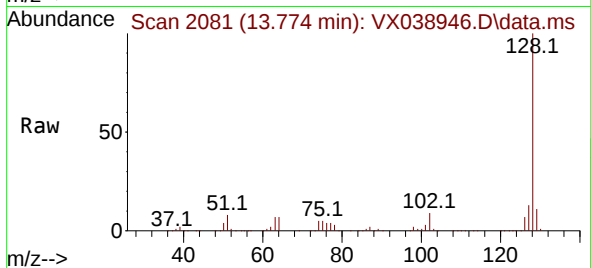
Tgt Ion:225	Resp:	45739	
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	62.3	32.5	97.5





#95
Naphthalene
Concen: 45.491 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

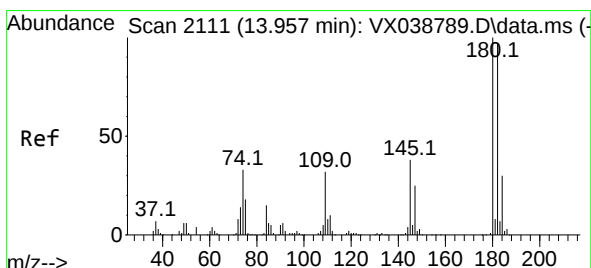
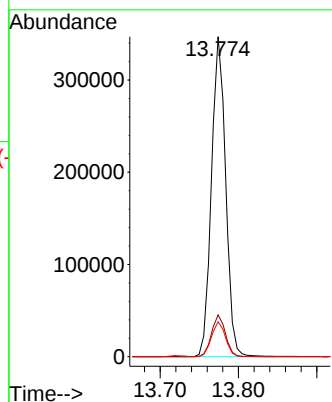
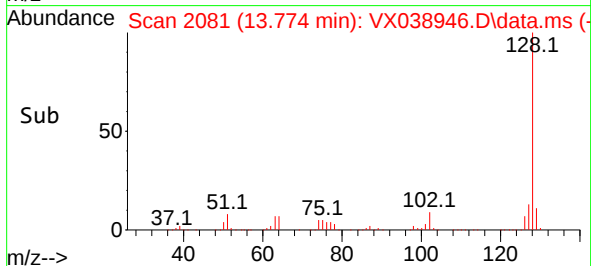
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



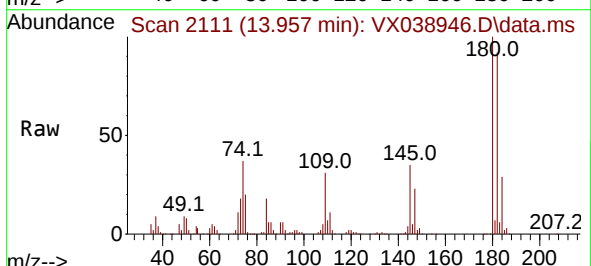
Tgt Ion:128 Resp: 435969
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.460 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03



Tgt Ion:180 Resp: 118208
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 35.0 17.8 53.5

