

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034171.D
 Acq On : 17 Feb 2023 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 20 00:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	385525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	653121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	577982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	253789	48.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.760%		
35) Dibromofluoromethane	5.385	113	215750	50.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.480%		
50) Toluene-d8	8.647	98	811585	53.157	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.320%		
62) 4-Bromofluorobenzene	11.079	95	304717	52.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	170273	51.112	ug/l	98
3) Chloromethane	1.295	50	246238	51.364	ug/l	98
4) Vinyl Chloride	1.374	62	252210	57.768	ug/l	99
5) Bromomethane	1.612	94	97928	60.563	ug/l	99
6) Chloroethane	1.685	64	129129	58.832	ug/l	99
7) Trichlorofluoromethane	1.886	101	328237	55.571	ug/l	97
8) Diethyl Ether	2.130	74	126983	53.362	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	198504	47.720	ug/l	94
10) Methyl Iodide	2.453	142	256747	50.693	ug/l	93
11) Tert butyl alcohol	2.965	59	232357	200.086	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	200248	48.022	ug/l	95
13) Acrolein	2.233	56	113586	214.272	ug/l	99
14) Allyl chloride	2.666	41	404598	45.741	ug/l	88
15) Acrylonitrile	3.063	53	620410	244.895	ug/l	99
16) Acetone	2.380	43	477869	178.419	ug/l	92
17) Carbon Disulfide	2.514	76	572223	47.730	ug/l	99
18) Methyl Acetate	2.703	43	407722	49.197	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	720755	48.974	ug/l	98
20) Methylene Chloride	2.788	84	226279	46.889	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	218114	49.918	ug/l	94
22) Diisopropyl ether	3.758	45	823766	53.122	ug/l	95
23) Vinyl Acetate	3.721	43	3199605	257.532	ug/l	100
24) 1,1-Dichloroethane	3.611	63	419540	49.282	ug/l	98
25) 2-Butanone	4.550	43	868139	224.016	ug/l	99
26) 2,2-Dichloropropane	4.477	77	334904	43.427	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	258711	50.000	ug/l	97
28) Bromochloromethane	4.898	49	197508	52.008	ug/l	86
29) Tetrahydrofuran	5.001	42	584692	247.319	ug/l	98
30) Chloroform	5.093	83	410802	50.254	ug/l	100
31) Cyclohexane	5.471	56	393943	50.819	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	359624	49.076	ug/l	99
36) 1,1-Dichloropropene	5.696	75	312632	49.711	ug/l	98
37) Ethyl Acetate	4.709	43	352728	50.185	ug/l	99
38) Carbon Tetrachloride	5.678	117	308171	47.620	ug/l	100
39) Methylcyclohexane	7.379	83	395926	48.921	ug/l	99
40) Benzene	6.038	78	938658	50.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	200479	51.195	ug/l	98
42) 1,2-Dichloroethane	6.086	62	316176	48.236	ug/l	100
43) Isopropyl Acetate	6.336	43	617882	49.817	ug/l	99
44) Trichloroethene	7.123	130	238707	49.911	ug/l	95
45) 1,2-Dichloropropane	7.428	63	250221	50.434	ug/l	98
46) Dibromomethane	7.580	93	162295	49.705	ug/l	87
47) Bromodichloromethane	7.818	83	329890	49.231	ug/l	99
48) Methyl methacrylate	7.690	41	293497	49.856	ug/l	99
49) 1,4-Dioxane	7.671	88	99089	843.885	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	1782426	261.205	ug/l	99
52) Toluene	8.720	92	588997	52.157	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	389731	50.528	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	409532	49.596	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	235572	51.681	ug/l	98
56) Ethyl methacrylate	9.116	69	399890	51.860	ug/l	96
57) 1,3-Dichloropropane	9.305	76	409205	51.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	873508	261.503	ug/l	95
59) 2-Hexanone	9.427	43	1318433	253.521	ug/l	99
60) Dibromochloromethane	9.519	129	256631	50.954	ug/l	100
61) 1,2-Dibromoethane	9.610	107	246357	51.103	ug/l	98
64) Tetrachloroethene	9.275	164	192826	47.270	ug/l	92
65) Chlorobenzene	10.080	112	607421	50.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	233852	50.139	ug/l	98
67) Ethyl Benzene	10.195	91	1106935	51.141	ug/l	100
68) m/p-Xylenes	10.299	106	831629	100.399	ug/l	95
69) o-Xylene	10.640	106	413096	50.094	ug/l	95
70) Styrene	10.653	104	682261	50.871	ug/l	96
71) Bromoform	10.799	173	185271	48.665	ug/l	100
73) Isopropylbenzene	10.964	105	1054915	51.740	ug/l	100
74) N-amyl acetate	10.842	43	544355	53.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	349603	50.133	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	341598m	50.745	ug/l	
77) Bromobenzene	11.195	156	248238	50.594	ug/l	81
78) n-propylbenzene	11.305	91	1244806	52.496	ug/l	97
79) 2-Chlorotoluene	11.366	91	741756	51.015	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	867506	50.608	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	128007	48.850	ug/l	91
82) 4-Chlorotoluene	11.451	91	836487	50.511	ug/l	95
83) tert-Butylbenzene	11.713	119	862726	49.141	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	877564	50.632	ug/l	97
85) sec-Butylbenzene	11.890	105	1085154	50.899	ug/l	97
86) p-Isopropyltoluene	12.006	119	888076	50.332	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	455925	49.548	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	450967	48.589	ug/l	96
89) n-Butylbenzene	12.335	91	781448	49.726	ug/l	98
90) Hexachloroethane	12.536	117	184048	49.890	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	445000	49.427	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	81879	49.238	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	290675	50.289	ug/l	98
94) Hexachlorobutadiene	13.725	225	114280	47.693	ug/l	99
95) Naphthalene	13.774	128	982263	50.446	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	286562	49.937	ug/l	98

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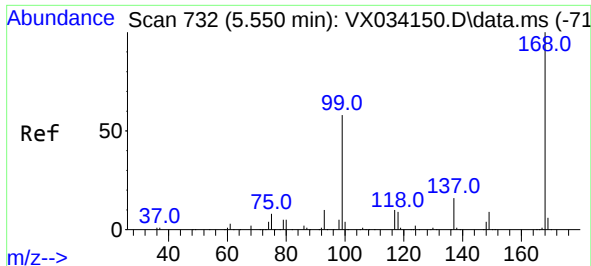
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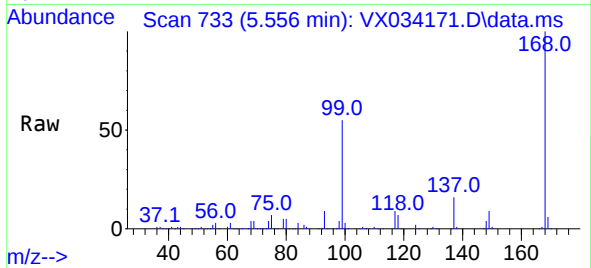
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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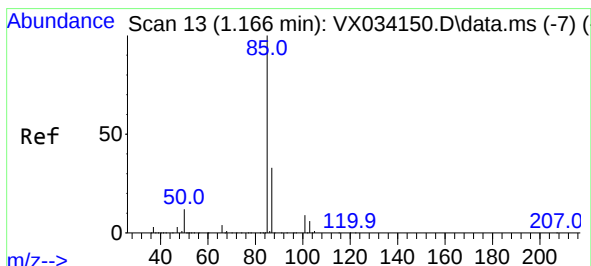
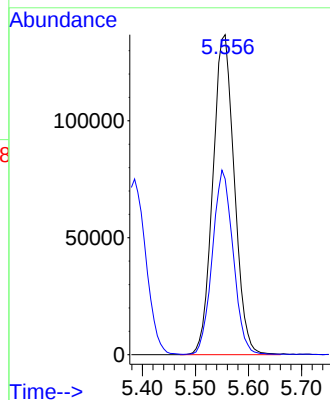
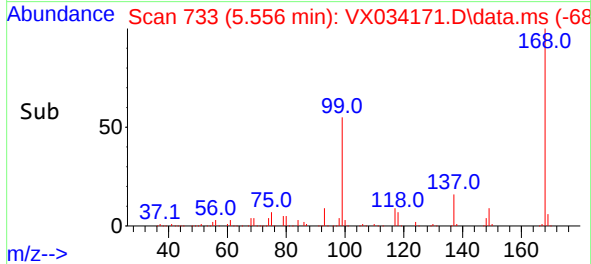
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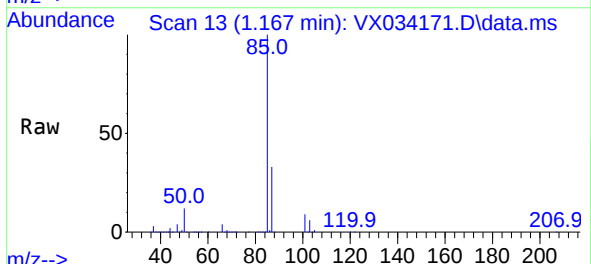
Tgt Ion:168 Resp: 38552
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4

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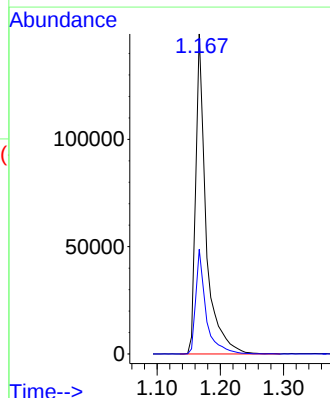
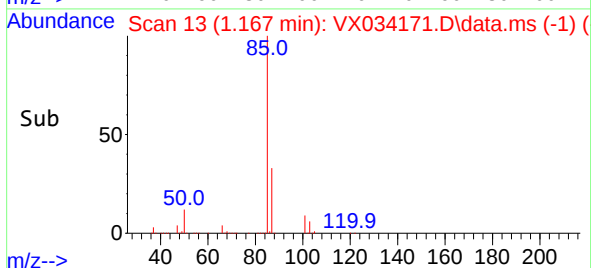
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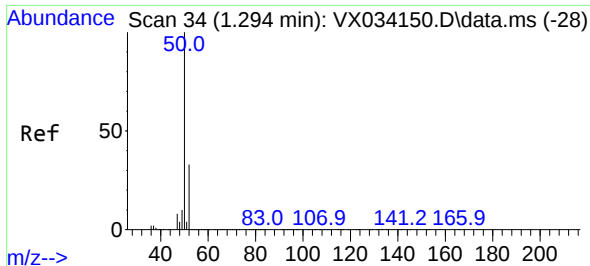


#2
Dichlorodifluoromethane
Concen: 51.112 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



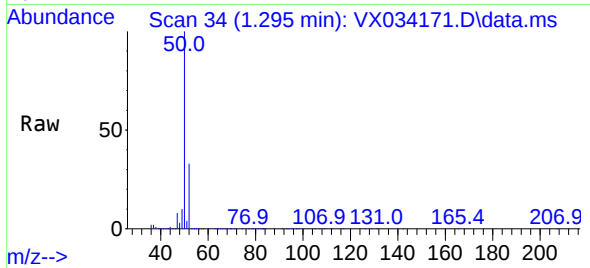
Tgt Ion: 85 Resp: 170273
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 51.364 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

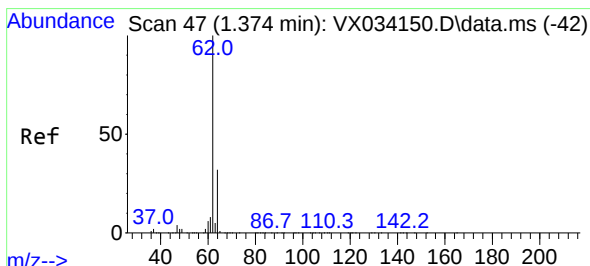
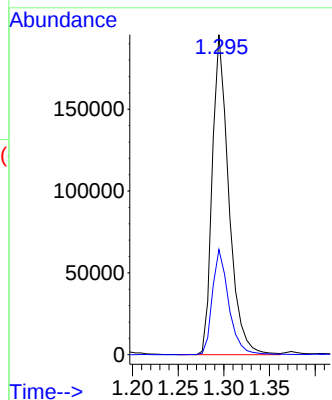
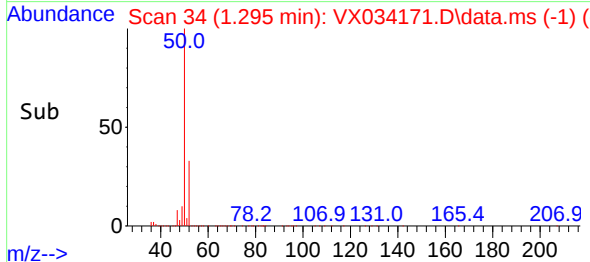
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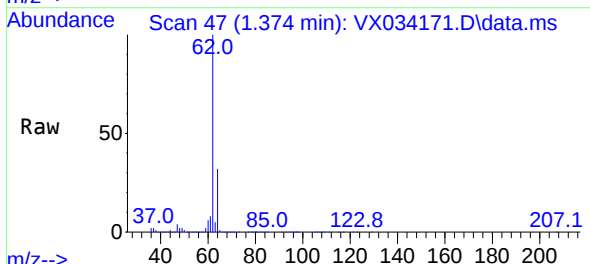
Tgt Ion: 50 Resp: 246238
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8

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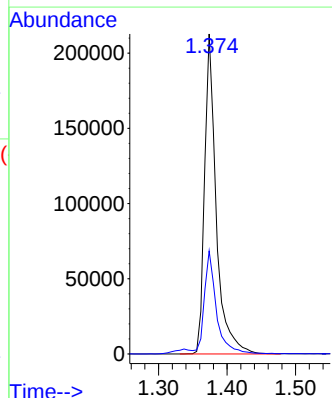
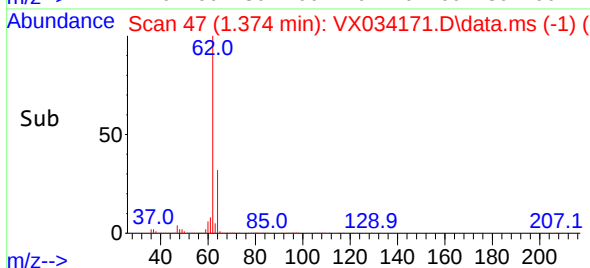
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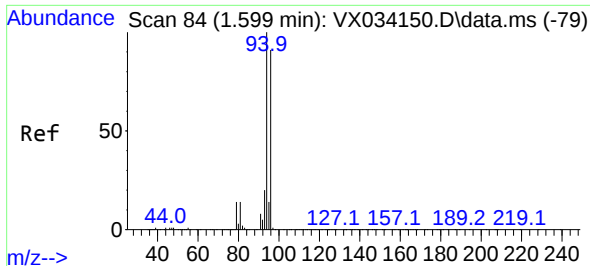


#4
Vinyl Chloride
Concen: 57.768 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



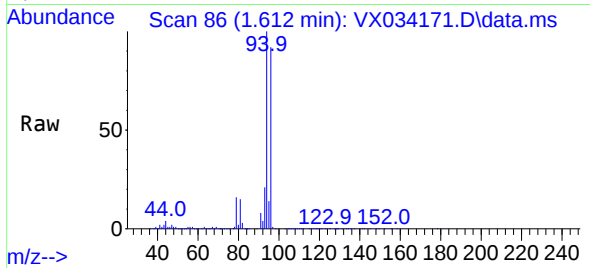
Tgt Ion: 62 Resp: 252210
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.4





#5
Bromomethane
Concen: 60.563 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

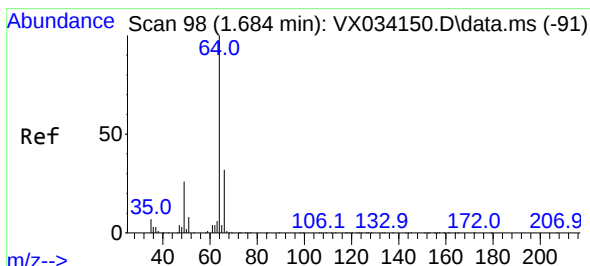
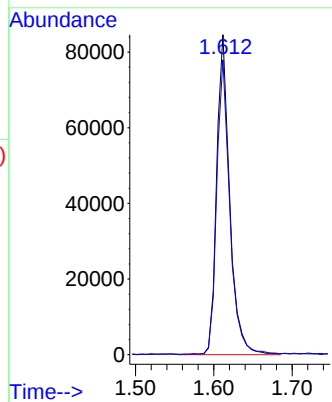
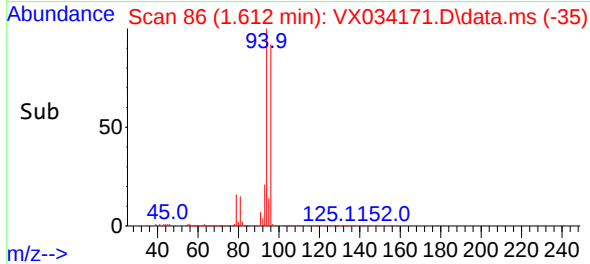
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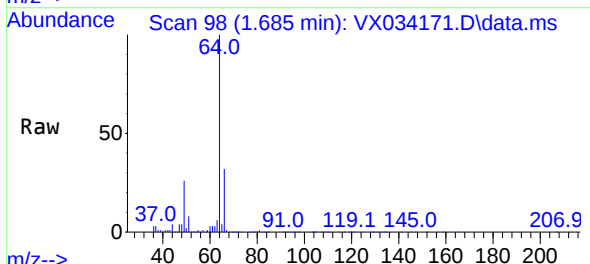
Tgt Ion: 94 Resp: 97928
Ion Ratio Lower Upper
94 100
96 92.0 74.3 111.5

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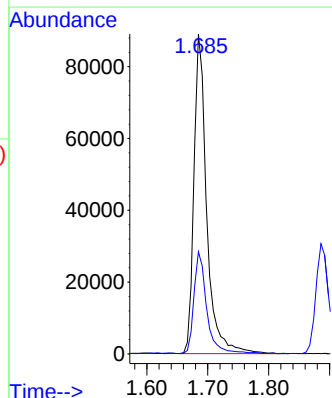
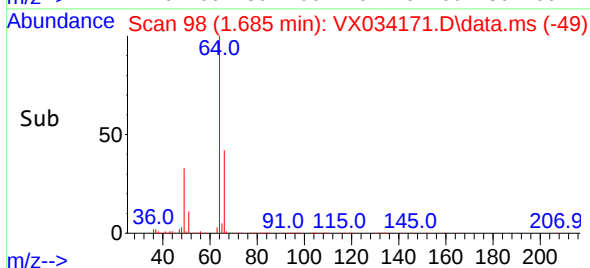
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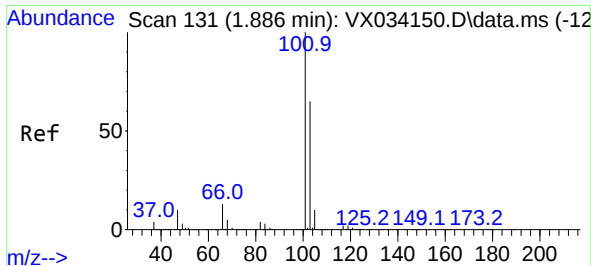


#6
Chloroethane
Concen: 58.832 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034171.D
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Tgt Ion: 64 Resp: 129129
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





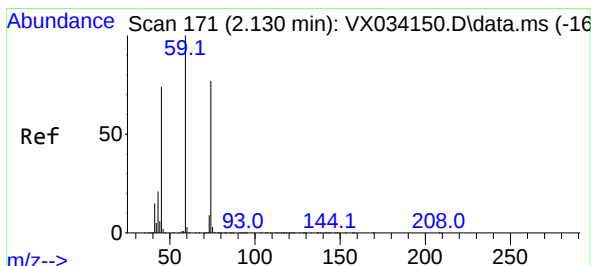
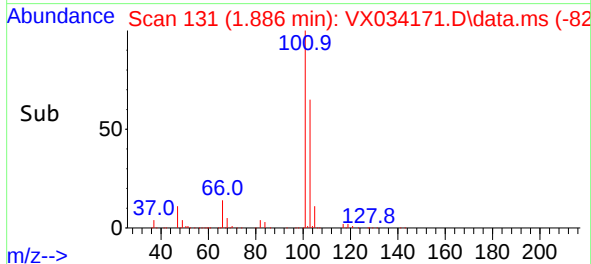
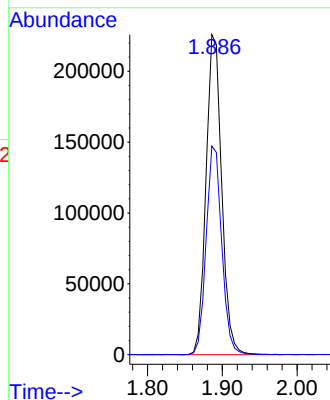
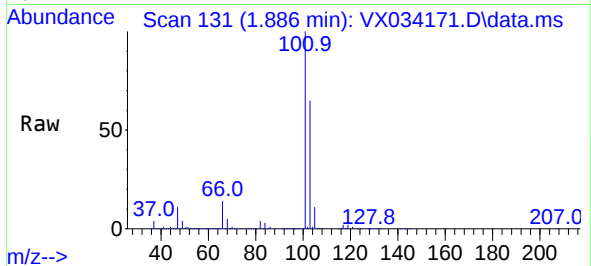
#7
Trichlorofluoromethane
Concen: 55.571 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034171.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 32823
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

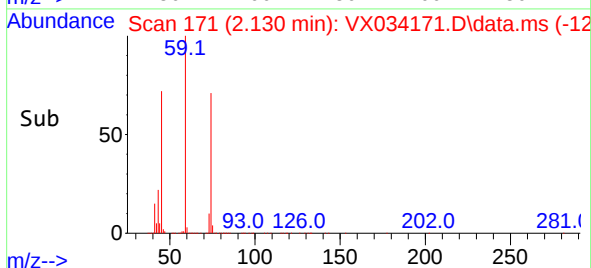
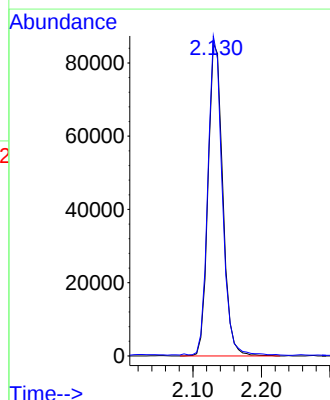
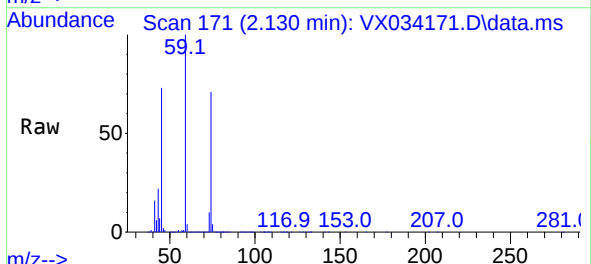
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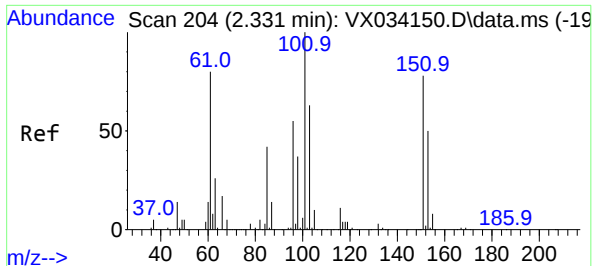
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#8
Diethyl Ether
Concen: 53.362 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 126983
Ion Ratio Lower Upper
74 100
45 100.0 51.5 154.5





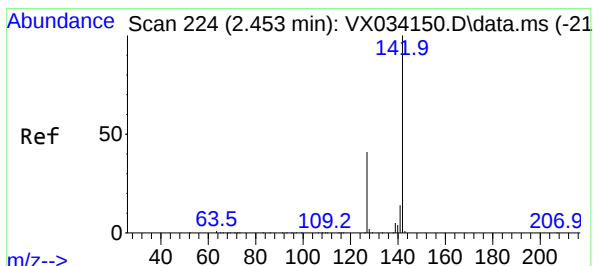
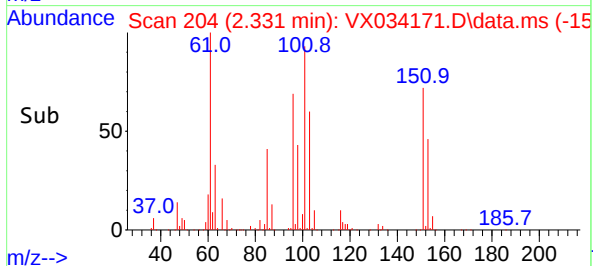
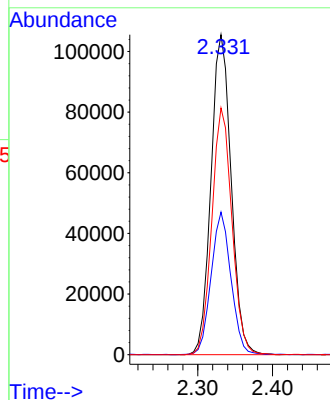
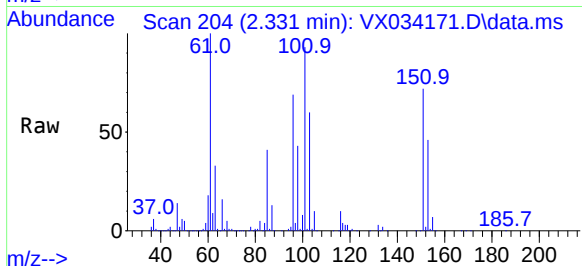
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.720 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 198504
Ion Ratio Lower Upper
101 100
85 43.9 36.7 55.1
151 76.8 66.5 99.7

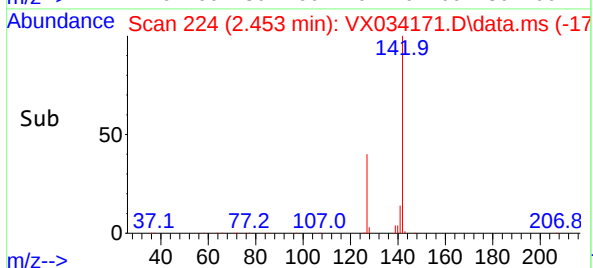
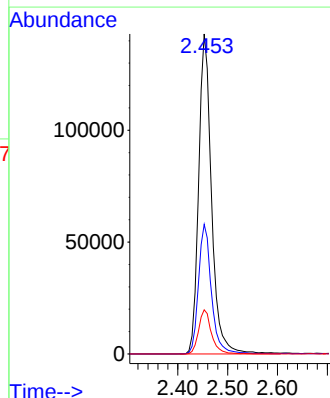
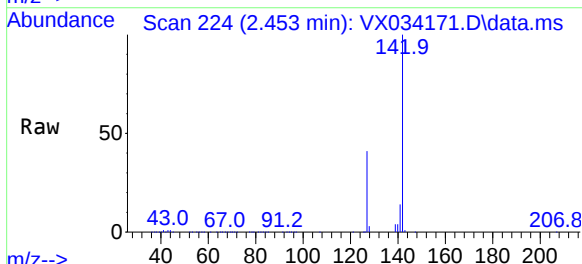
Manual Integrations
APPROVED

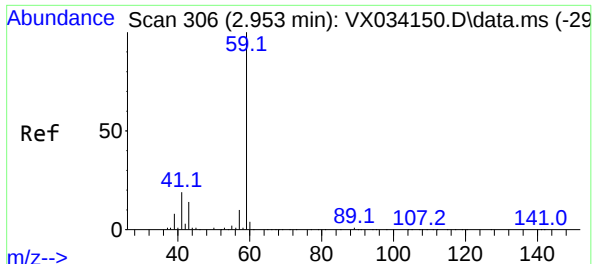
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
Methyl Iodide
Concen: 50.693 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

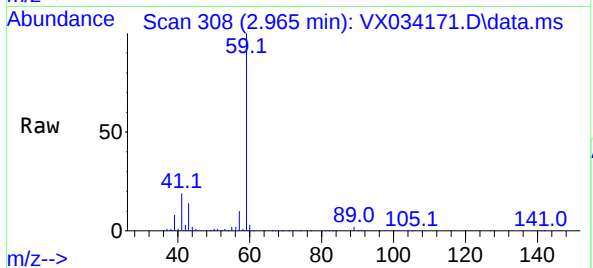
Tgt Ion:142 Resp: 256747
Ion Ratio Lower Upper
142 100
127 40.8 37.3 55.9
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 200.086 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

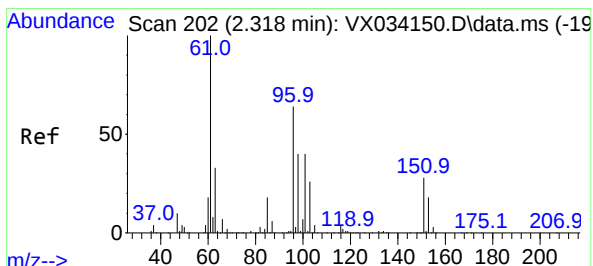
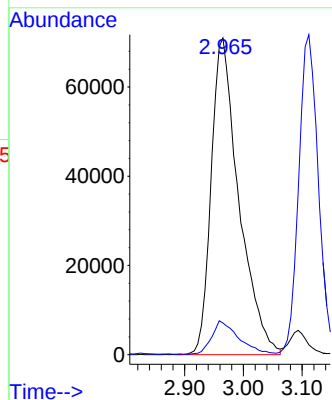
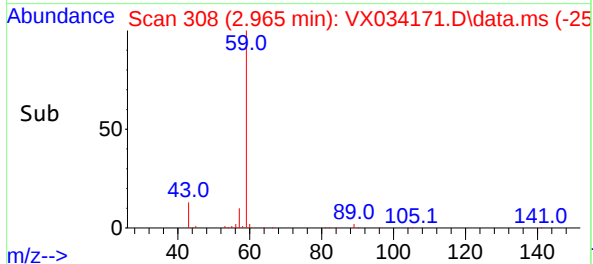
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



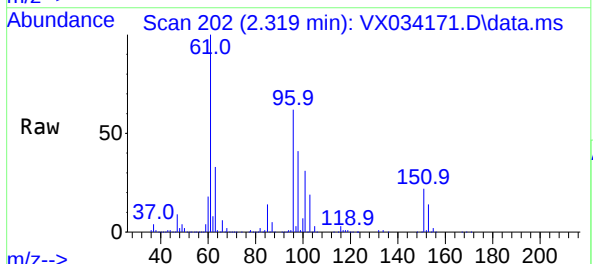
Tgt Ion: 59 Resp: 23235
Ion Ratio Lower Upper
59 100
57 10.2 3.7 5.5

Manual Integrations
APPROVED

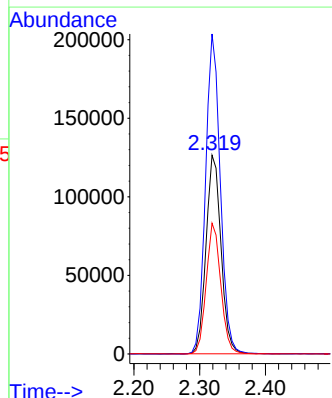
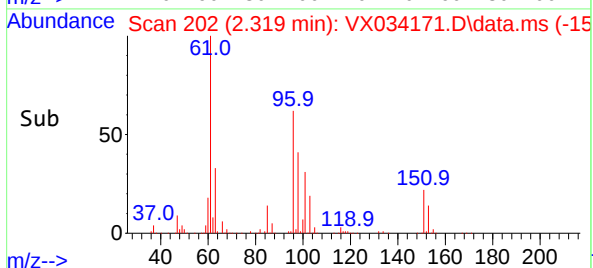
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

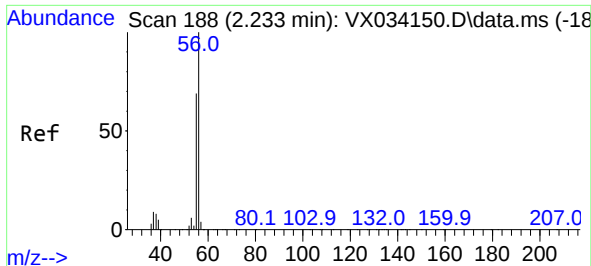


#12
1,1-Dichloroethene
Concen: 48.022 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



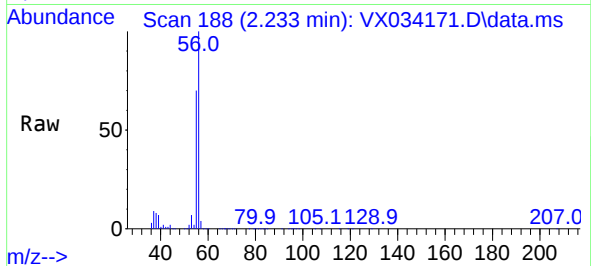
Tgt Ion: 96 Resp: 200248
Ion Ratio Lower Upper
96 100
61 161.2 134.2 201.4
98 65.8 50.2 75.2





#13
Acrolein
Concen: 214.272 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

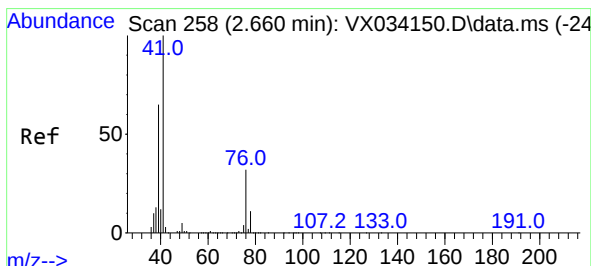
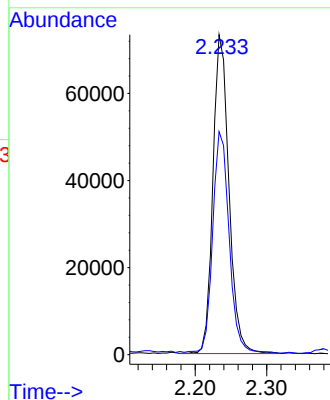
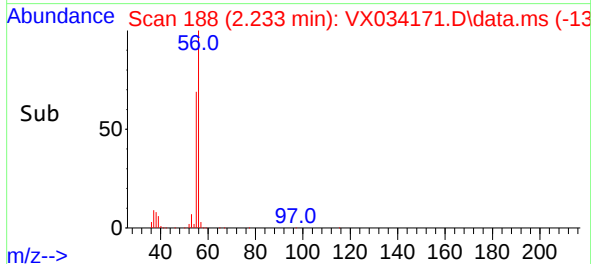
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



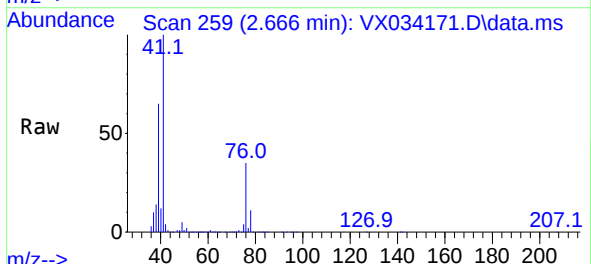
Tgt Ion: 56 Resp: 113580
Ion Ratio Lower Upper
56 100
55 71.2 56.3 84.5

Manual Integrations
APPROVED

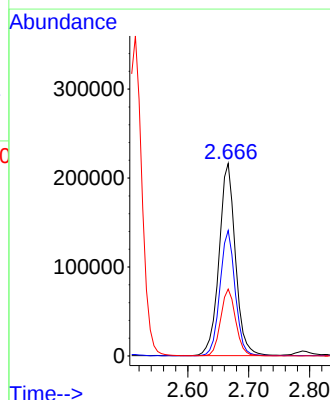
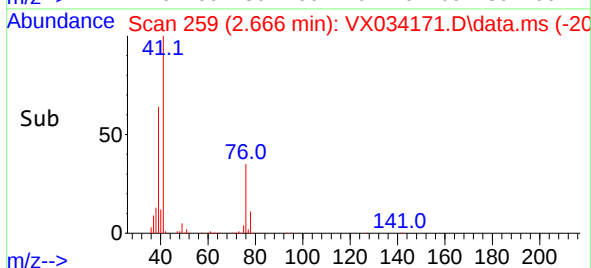
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

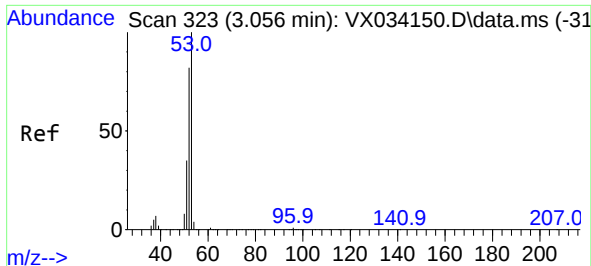


#14
Allyl chloride
Concen: 45.741 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



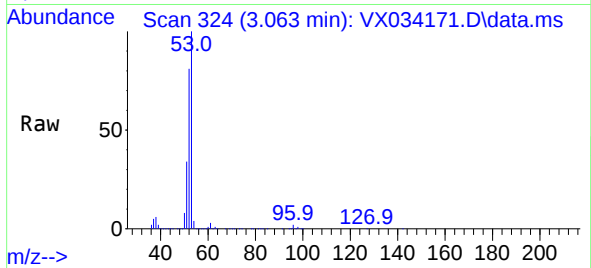
Tgt Ion: 41 Resp: 404598
Ion Ratio Lower Upper
41 100
39 60.5 59.0 88.4
76 32.0 24.6 37.0





#15
Acrylonitrile
Concen: 244.895 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

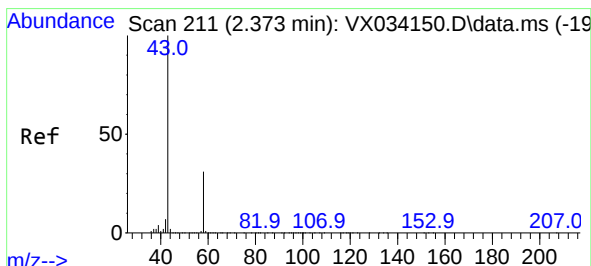
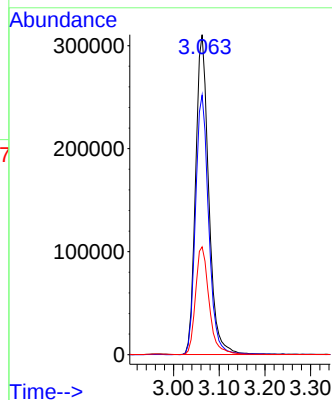
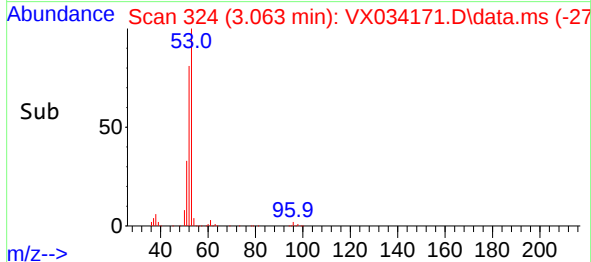
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



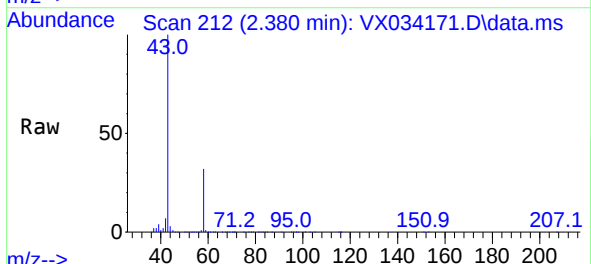
Tgt Ion: 53 Resp: 620410
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.9 29.0 43.4

Manual Integrations
APPROVED

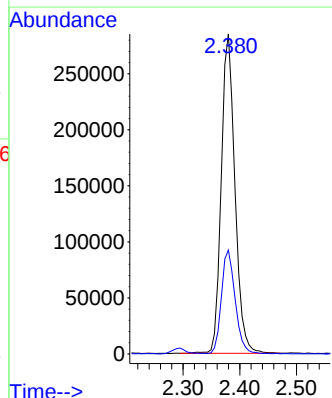
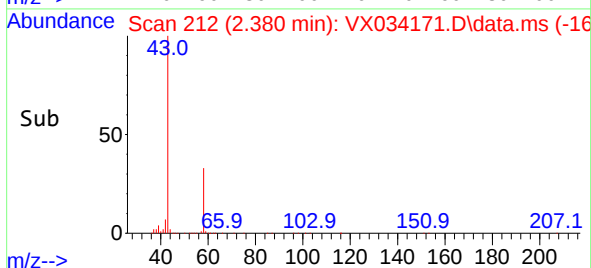
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

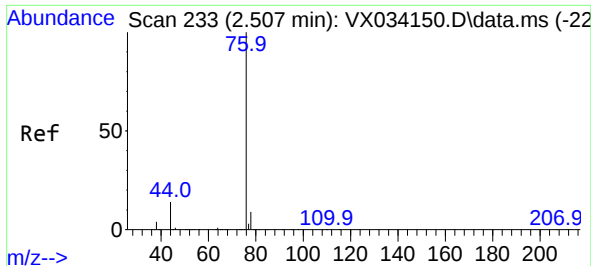


#16
Acetone
Concen: 178.419 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



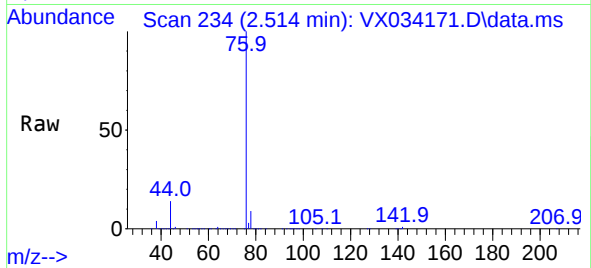
Tgt Ion: 43 Resp: 477869
Ion Ratio Lower Upper
43 100
58 32.5 22.6 33.8





#17
Carbon Disulfide
Concen: 47.730 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

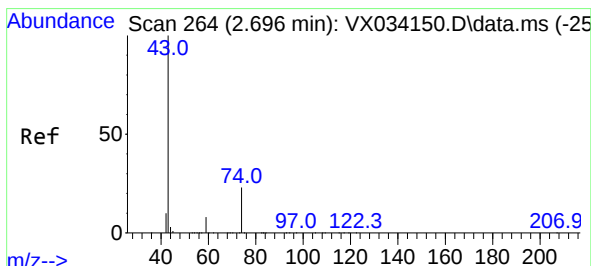
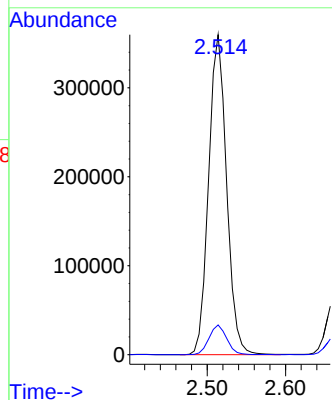
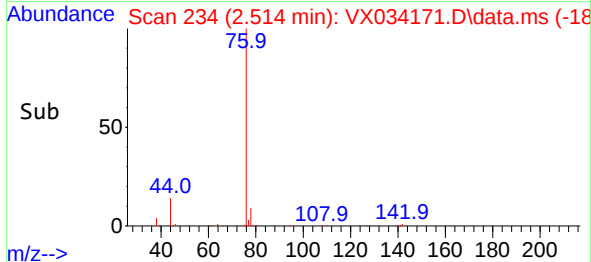
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



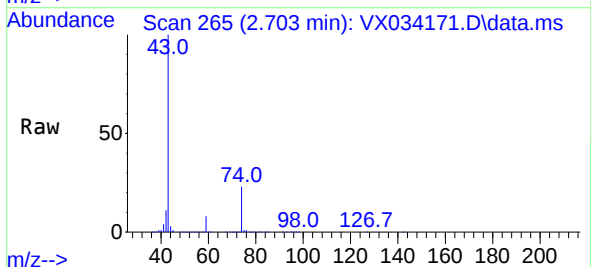
Tgt Ion: 76 Resp: 57222
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

Manual Integrations
APPROVED

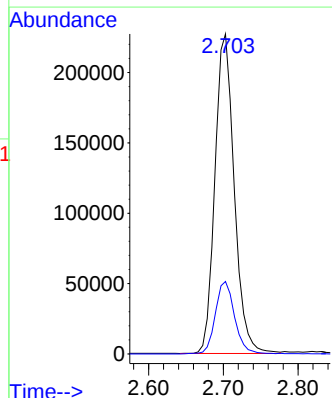
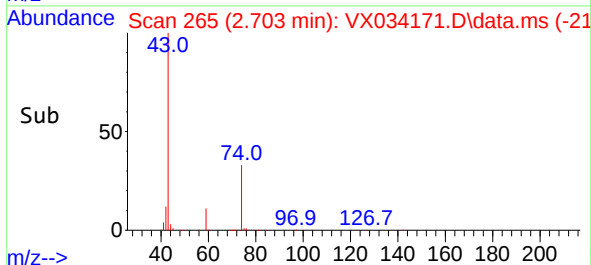
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

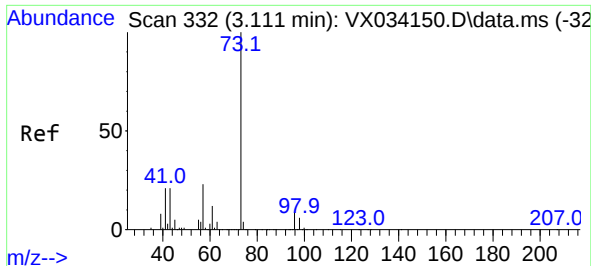


#18
Methyl Acetate
Concen: 49.197 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



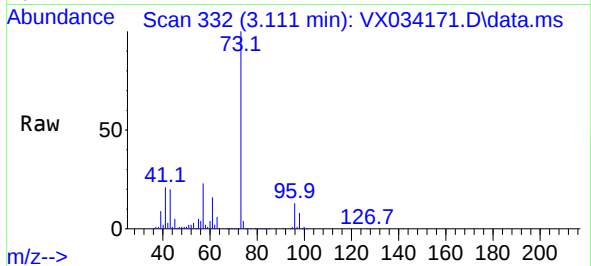
Tgt Ion: 43 Resp: 407722
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 48.974 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

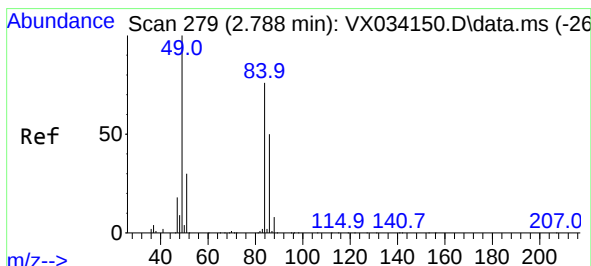
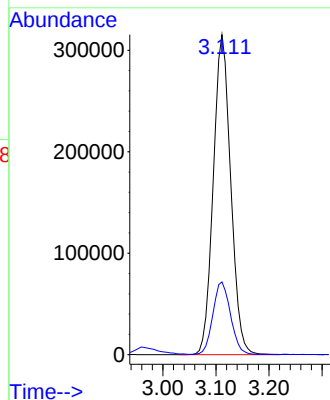
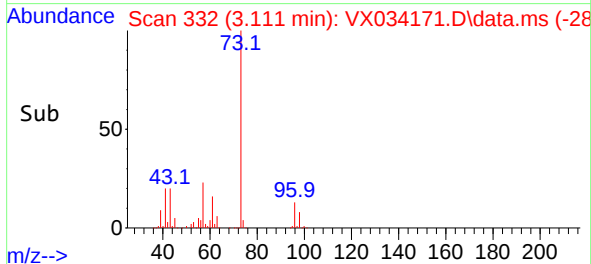
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



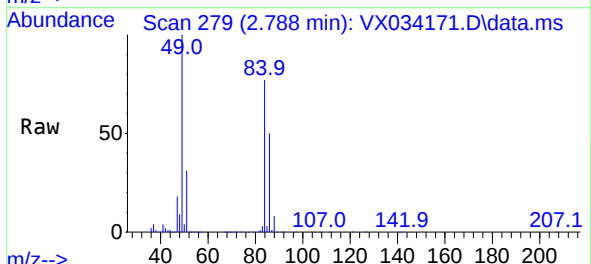
Tgt Ion: 73 Resp: 72075
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.0

Manual Integrations
APPROVED

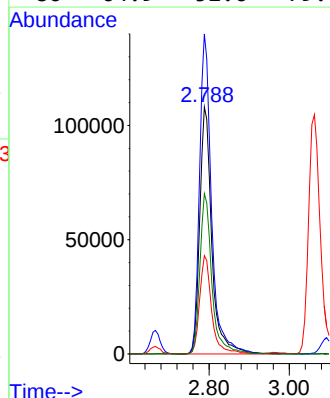
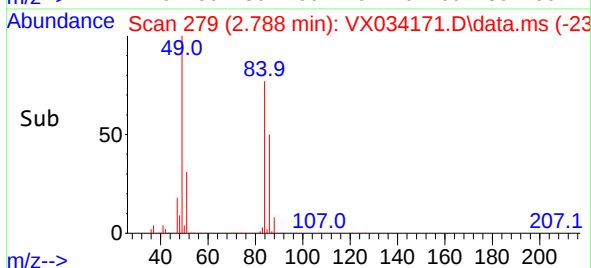
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

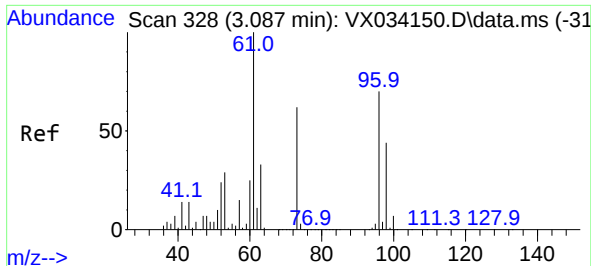


#20
Methylene Chloride
Concen: 46.889 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



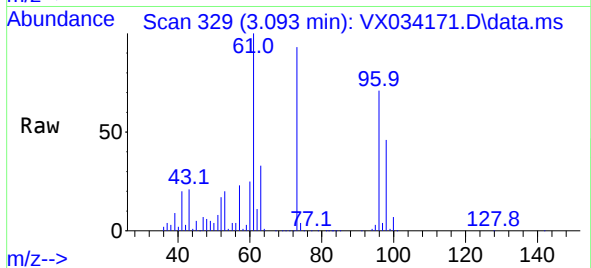
Tgt Ion: 84 Resp: 226279
Ion Ratio Lower Upper
84 100
49 129.5 101.1 151.7
51 39.7 31.0 46.6
86 64.9 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 49.918 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

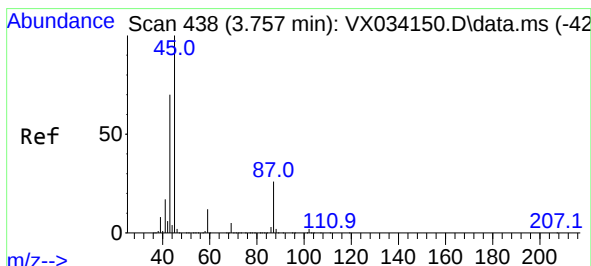
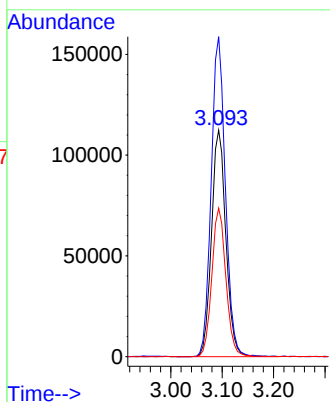
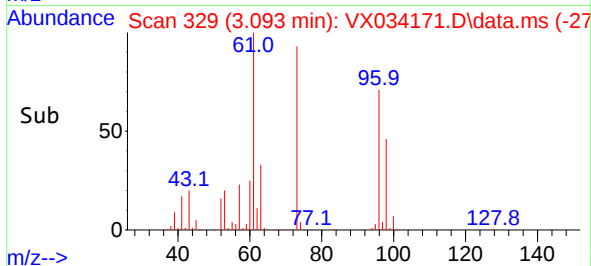
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



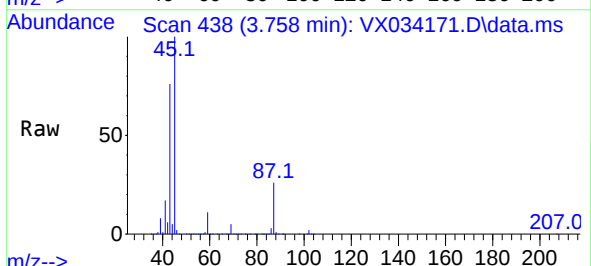
Tgt Ion: 96 Resp: 218114
Ion Ratio Lower Upper
96 100
61 141.2 106.7 160.1
98 65.5 50.0 75.0

Manual Integrations
APPROVED

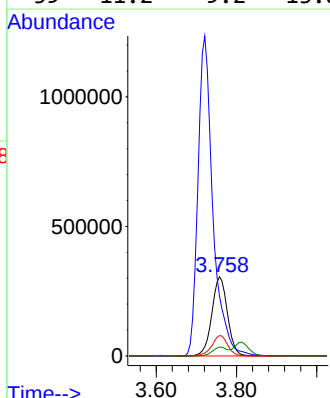
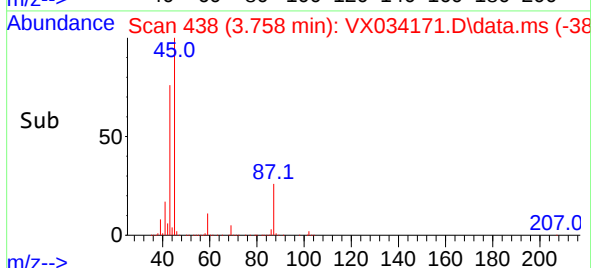
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

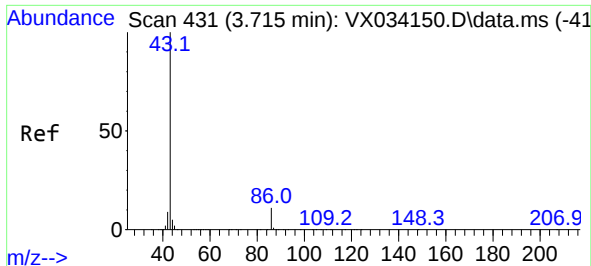


#22
Diisopropyl ether
Concen: 53.122 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



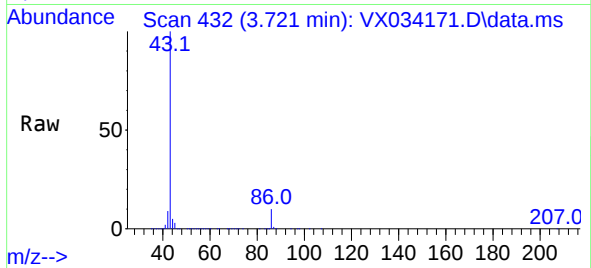
Tgt Ion: 45 Resp: 823766
Ion Ratio Lower Upper
45 100
43 75.7 64.6 97.0
87 25.6 21.9 32.9
59 11.2 9.2 13.8





#23
 Vinyl Acetate
 Concen: 257.532 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX034171.D
 Acq: 17 Feb 2023 20:33

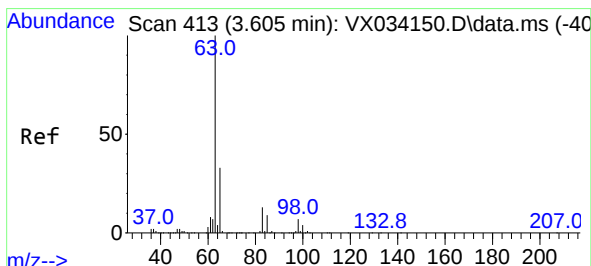
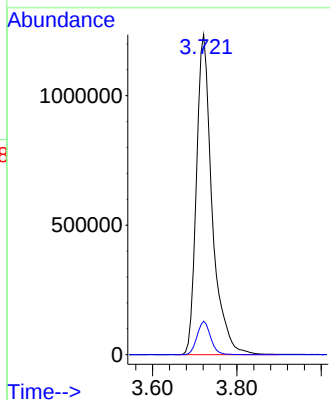
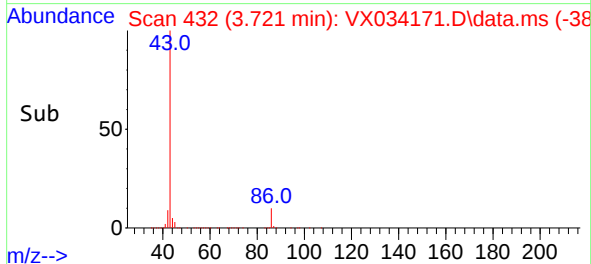
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



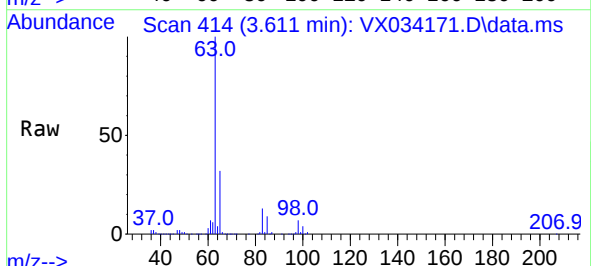
Tgt Ion: 43 Resp: 319960
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

Manual Integrations
 APPROVED

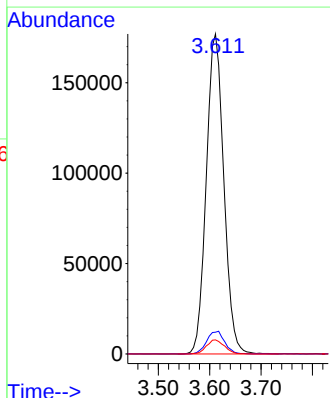
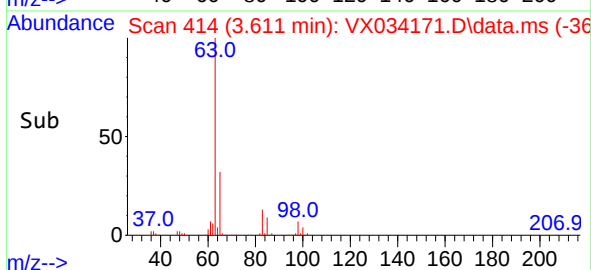
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

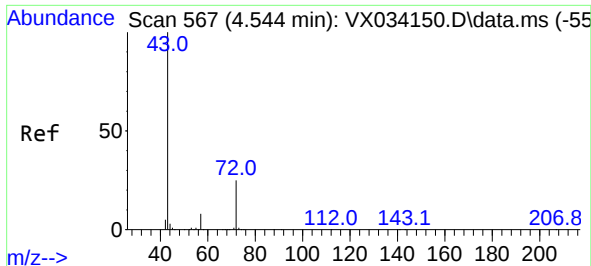


#24
 1,1-Dichloroethane
 Concen: 49.282 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034171.D
 Acq: 17 Feb 2023 20:33



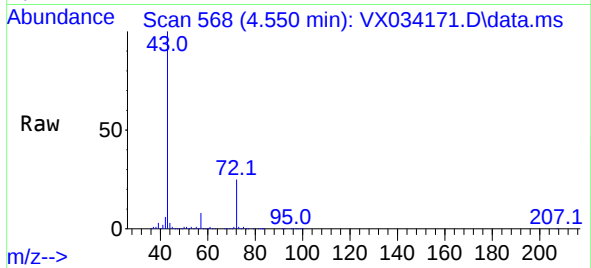
Tgt Ion: 63 Resp: 419540
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 224.016 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

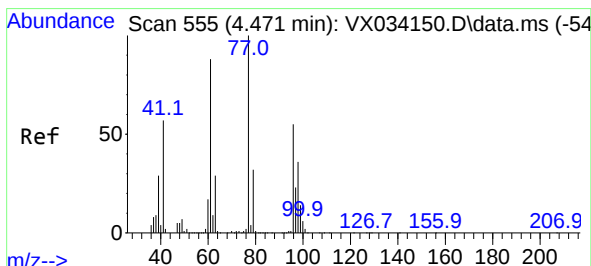
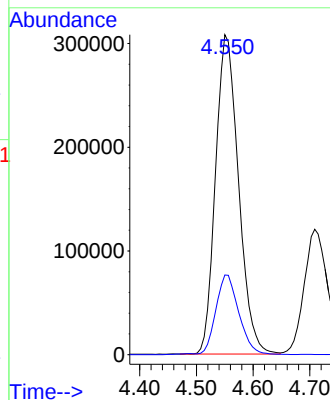
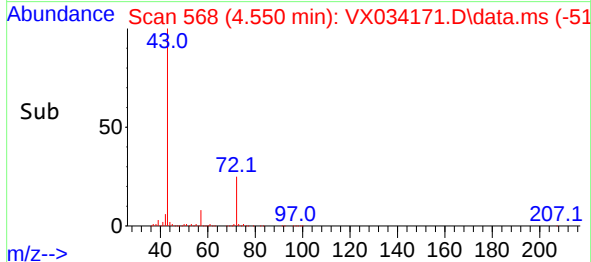
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



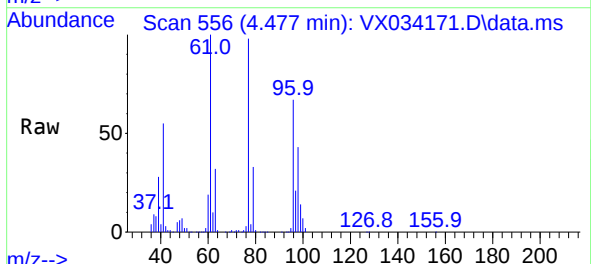
Tgt Ion: 43 Resp: 868139
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

Manual Integrations
APPROVED

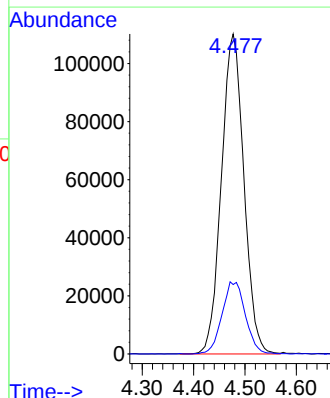
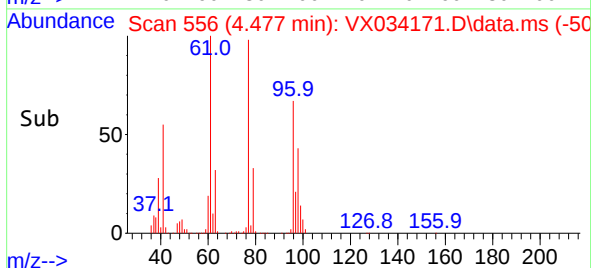
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

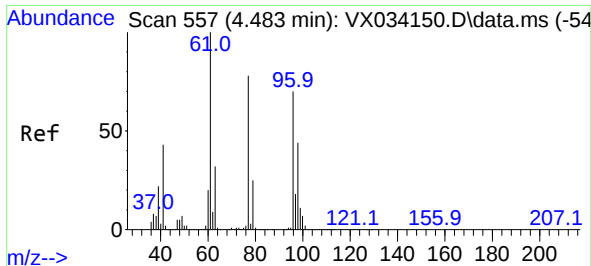


#26
2,2-Dichloropropane
Concen: 43.427 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



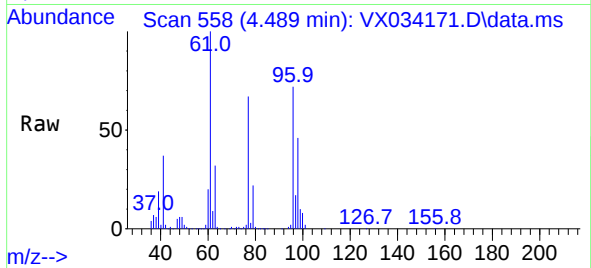
Tgt Ion: 77 Resp: 334904
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 50.000 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

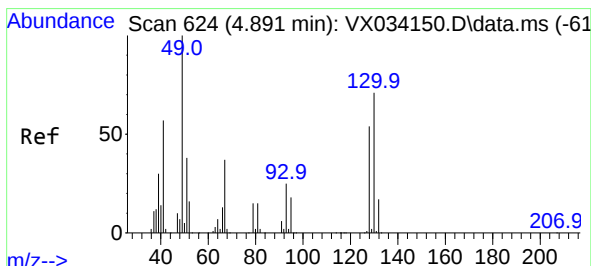
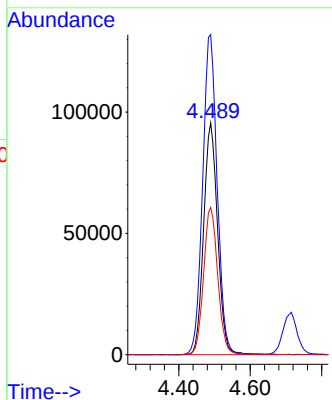
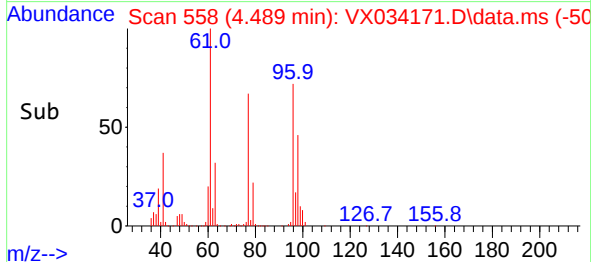
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



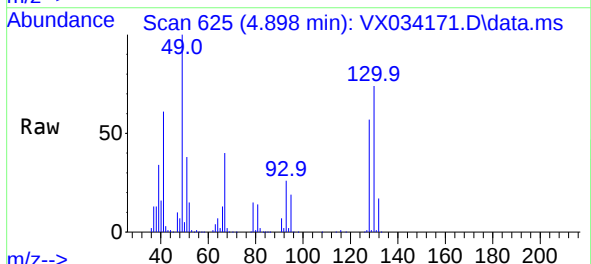
Tgt Ion: 96 Resp: 25871
Ion Ratio Lower Upper
96 100
61 144.0 0.0 277.6
98 64.5 0.0 128.0

Manual Integrations
APPROVED

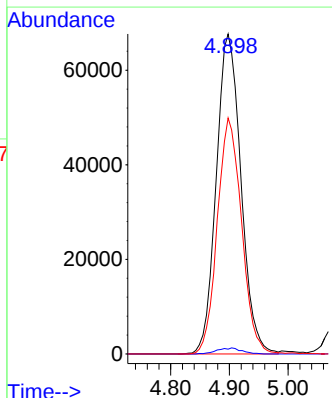
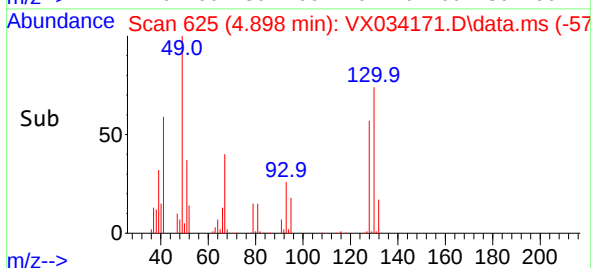
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

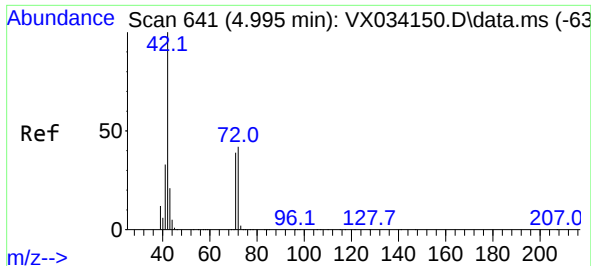


#28
Bromochloromethane
Concen: 52.008 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion: 49 Resp: 197508
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 72.5 68.5 102.7





#29

Tetrahydrofuran

Concen: 247.319 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034171.D

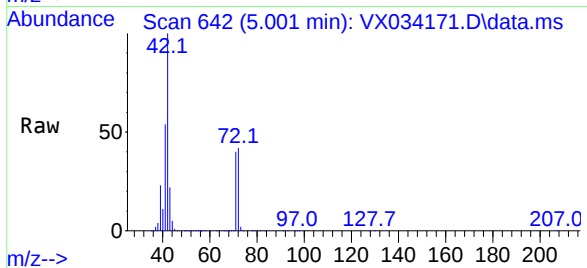
Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 584692

Ion Ratio Lower Upper

42 100

72 41.8 34.8 52.2

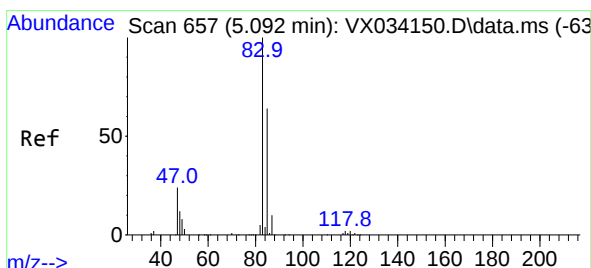
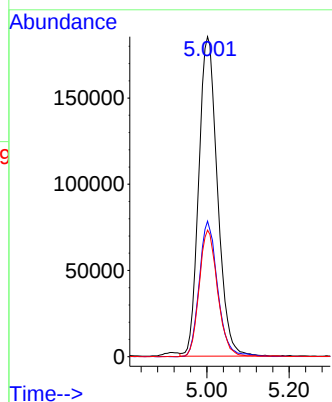
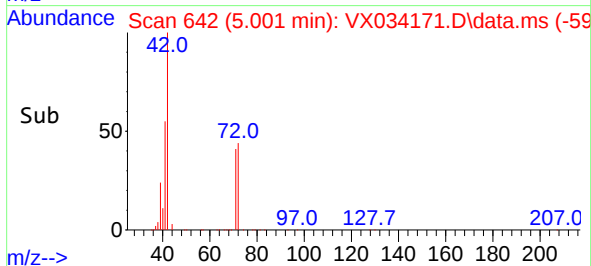
71 39.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 50.254 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034171.D

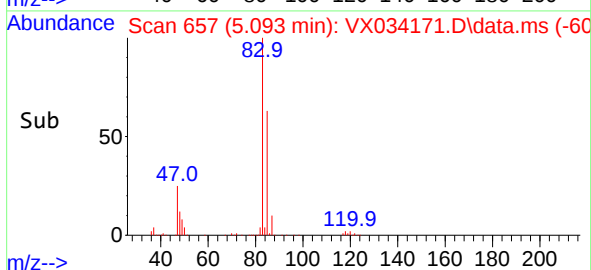
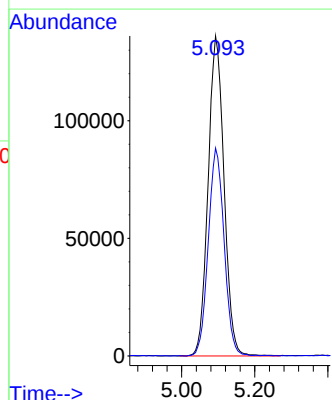
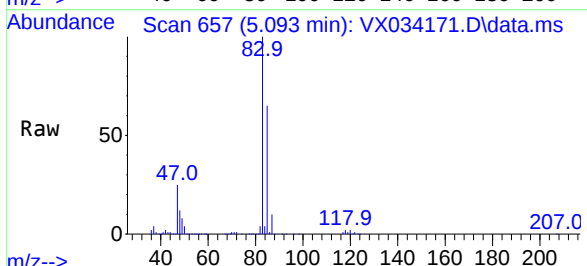
Acq: 17 Feb 2023 20:33

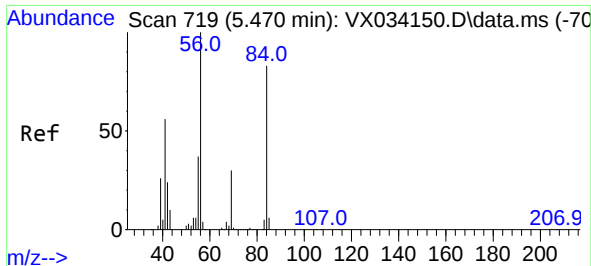
Tgt Ion: 83 Resp: 410802

Ion Ratio Lower Upper

83 100

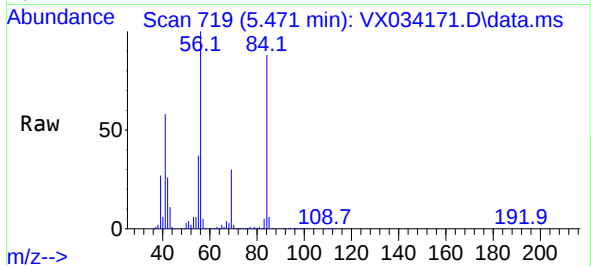
85 64.9 52.1 78.1





#31
Cyclohexane
Concen: 50.819 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

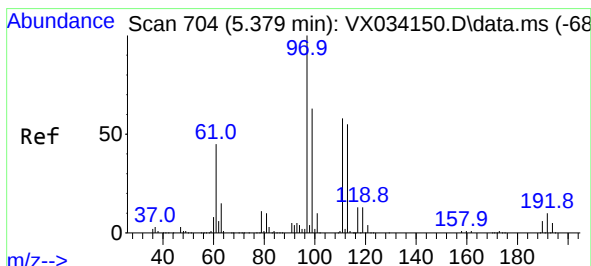
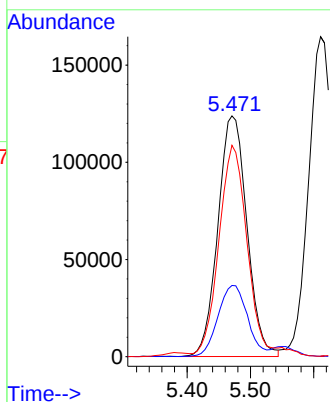
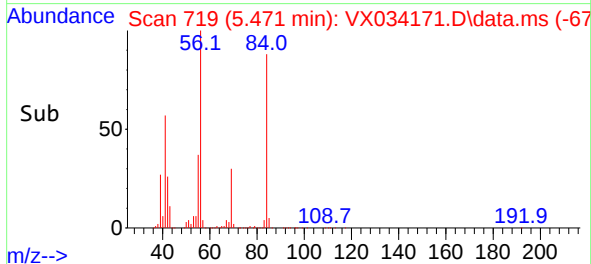
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 39394
Ion Ratio Lower Upper
56 100
69 29.5 24.6 37.0
84 86.2 71.0 106.6

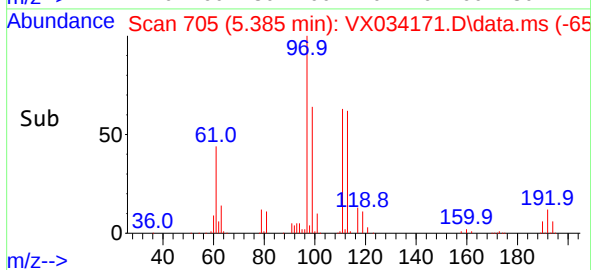
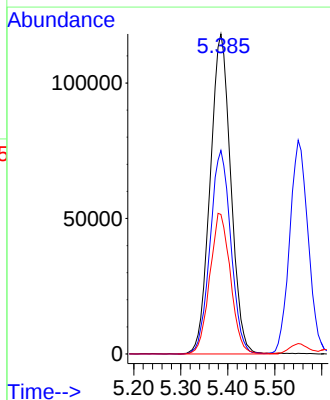
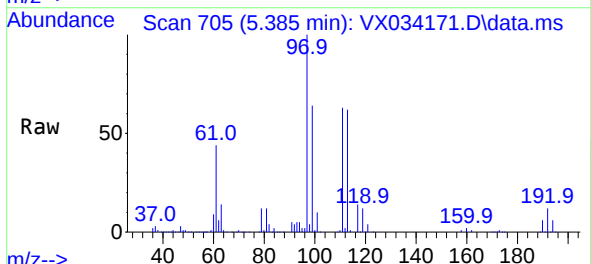
Manual Integrations
APPROVED

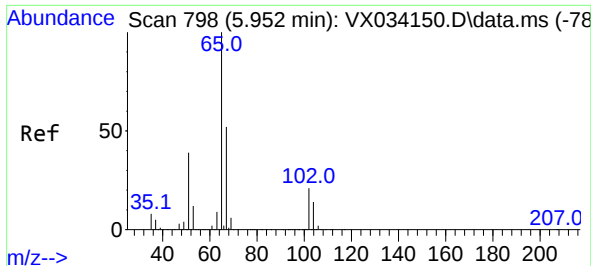
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#32
1,1,1-Trichloroethane
Concen: 49.076 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Tgt Ion: 97 Resp: 359624
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 44.0 35.2 52.8





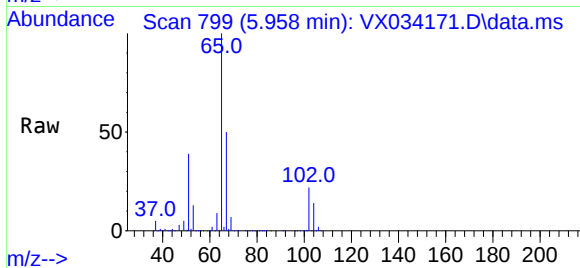
#33
1,2-Dichloroethane-d4
Concen: 48.880 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



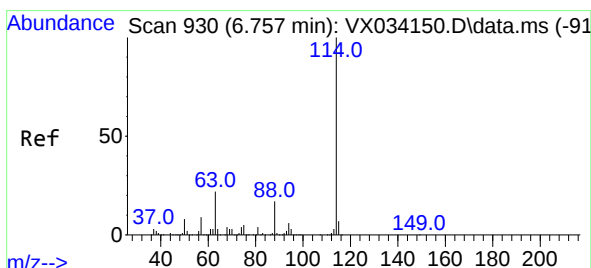
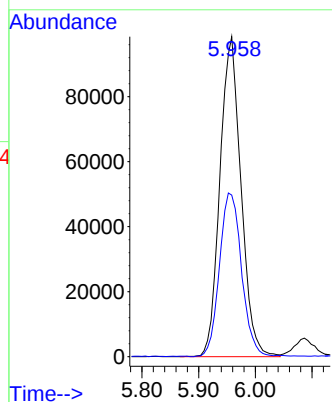
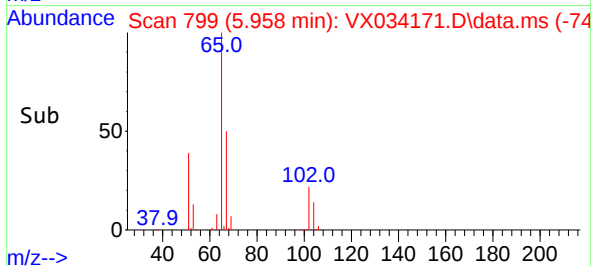
Tgt Ion: 65 Resp: 253789
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

Manual Integrations

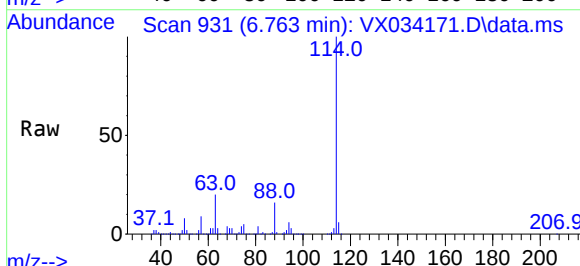
APPROVED

Reviewed By :John Carlone 02/21/2023

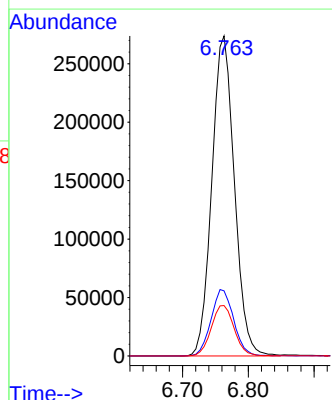
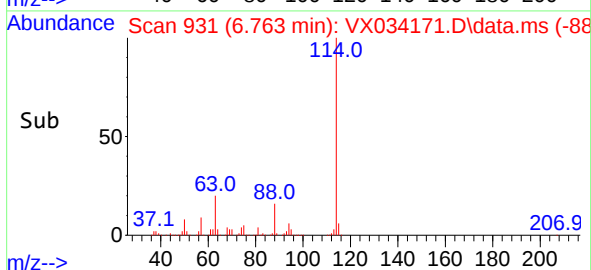
Supervised By :Mahesh Dadoda 02/21/2023

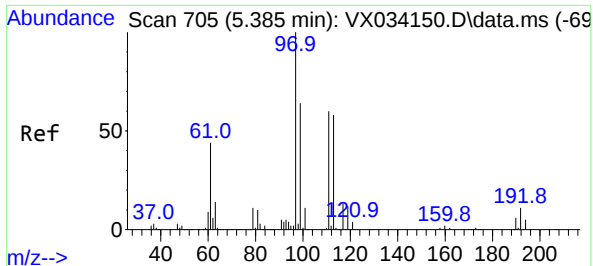


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



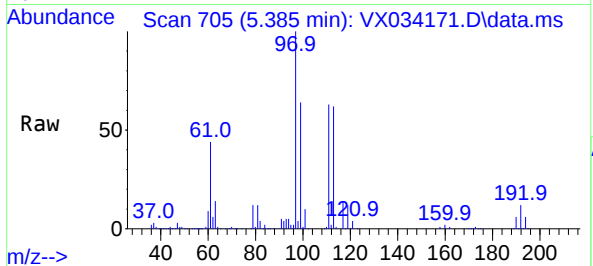
Tgt Ion:114 Resp: 653121
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.736 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

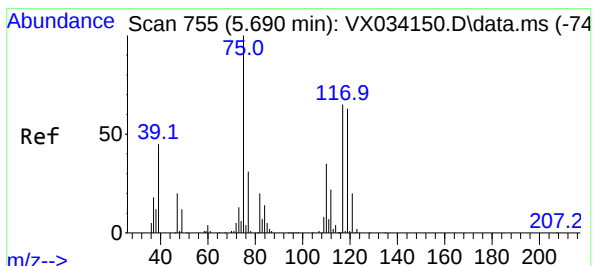
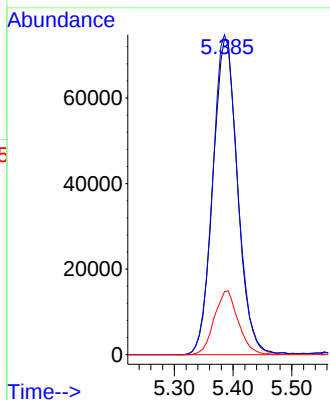
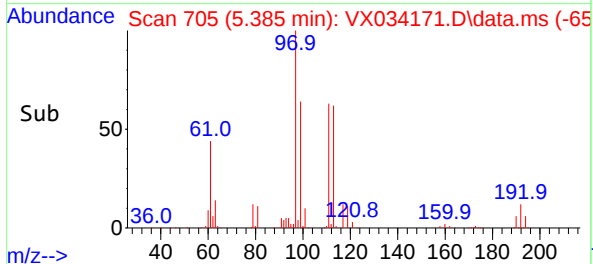
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



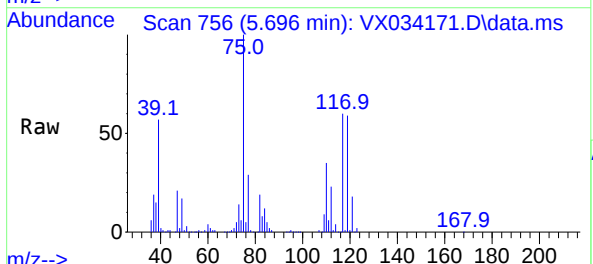
Tgt Ion:113 Resp: 215750
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 19.6 19.0 28.4

Manual Integrations
APPROVED

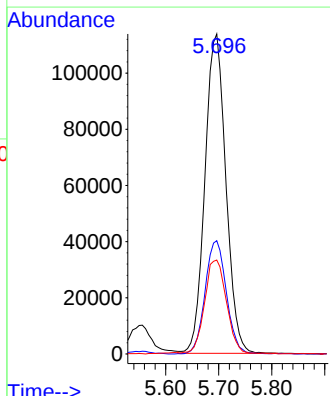
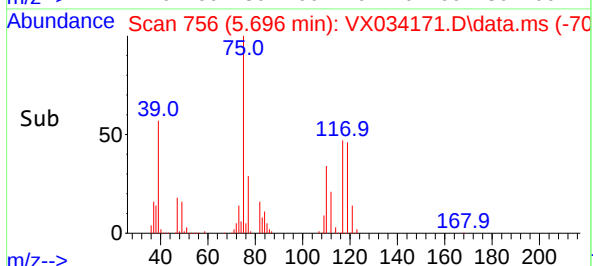
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

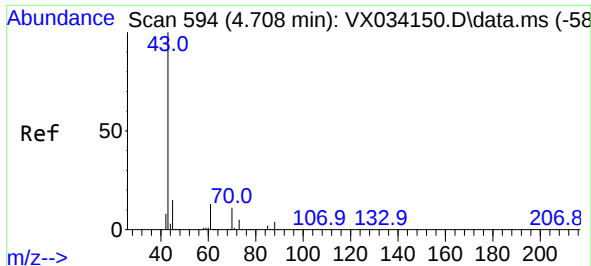


#36
1,1-Dichloropropene
Concen: 49.711 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion: 75 Resp: 312632
Ion Ratio Lower Upper
75 100
110 36.0 18.8 56.4
77 30.5 25.1 37.7





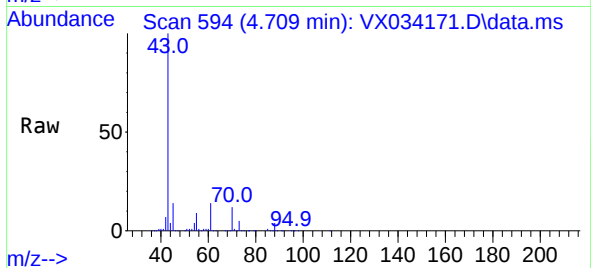
#37
Ethyl Acetate
Concen: 50.185 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



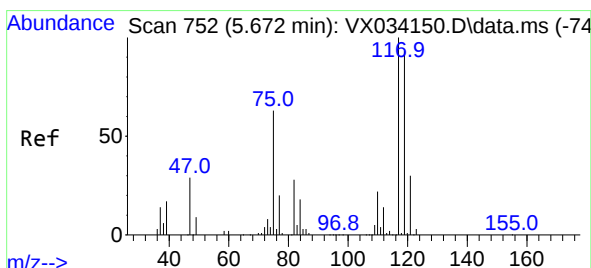
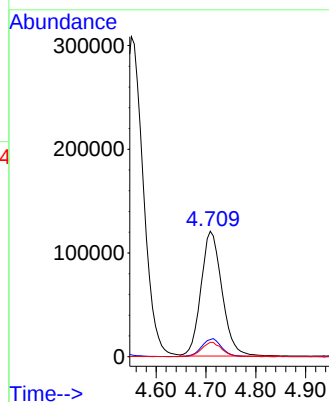
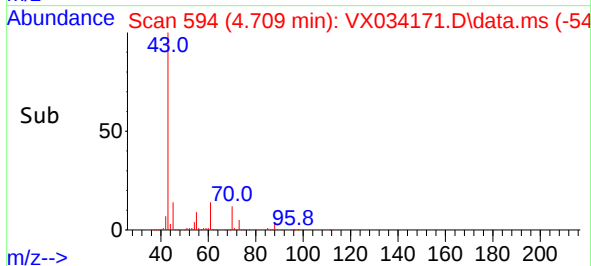
Tgt Ion: 43 Resp: 352728
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.0 8.5 12.7

Manual Integrations

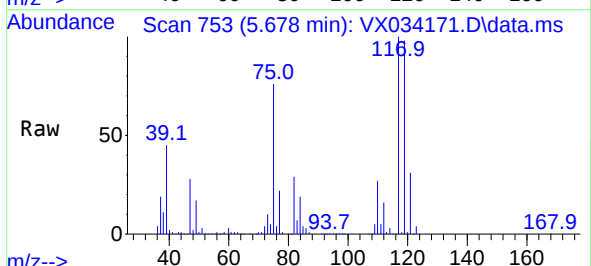
APPROVED

Reviewed By :John Carlone 02/21/2023

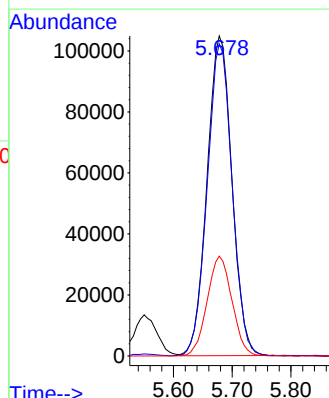
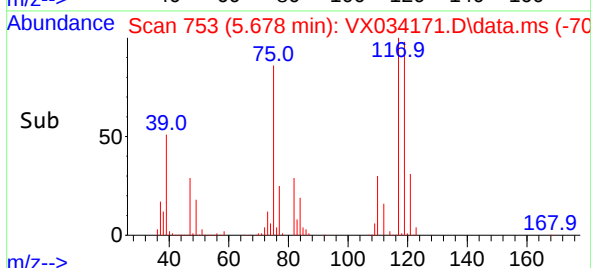
Supervised By :Mahesh Dadoda 02/21/2023

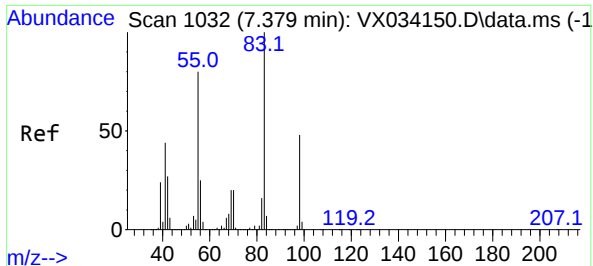


#38
Carbon Tetrachloride
Concen: 47.620 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion:117 Resp: 308171
Ion Ratio Lower Upper
117 100
119 97.6 78.0 117.0
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 48.921 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034171.D

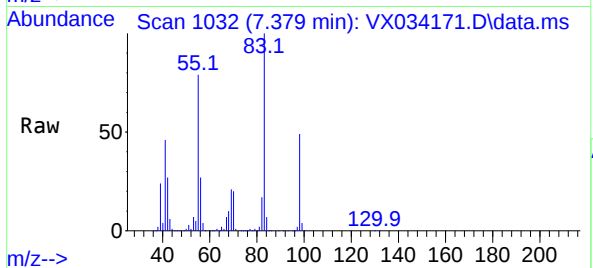
Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 395920

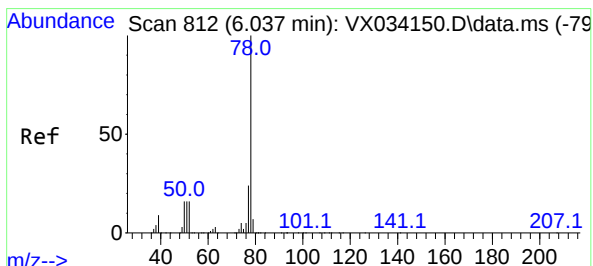
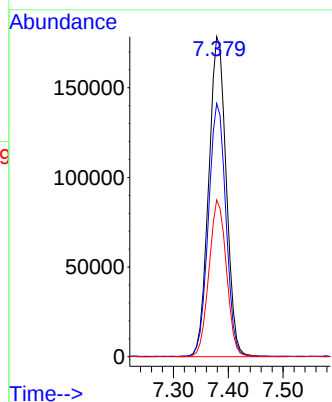
Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.8	92.6
98	49.0	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#40

Benzene

Concen: 50.365 ug/l

RT: 6.038 min Scan# 812

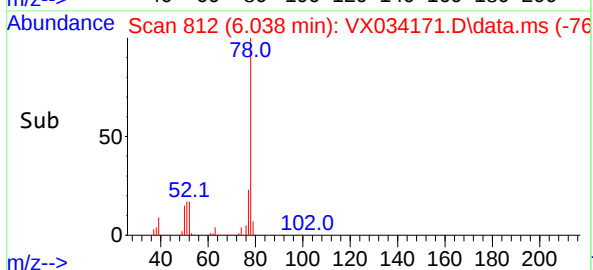
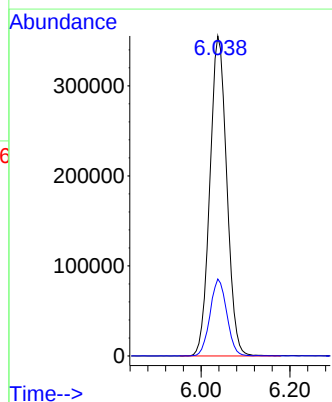
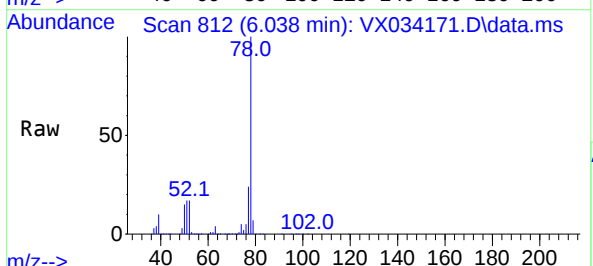
Delta R.T. 0.000 min

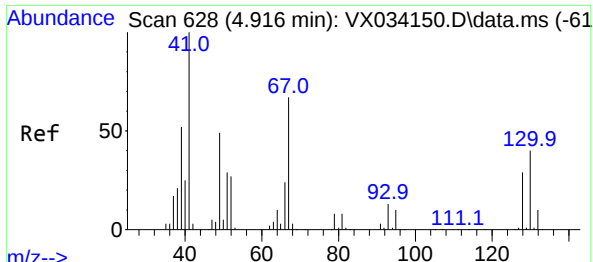
Lab File: VX034171.D

Acq: 17 Feb 2023 20:33

Tgt Ion: 78 Resp: 938658

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





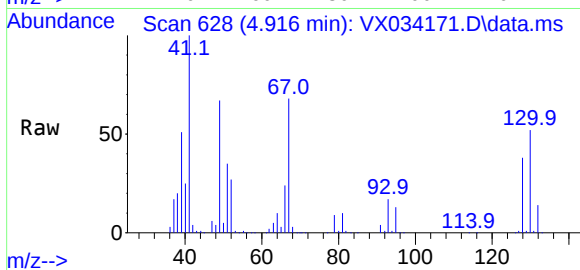
#41
Methacrylonitrile
Concen: 51.195 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



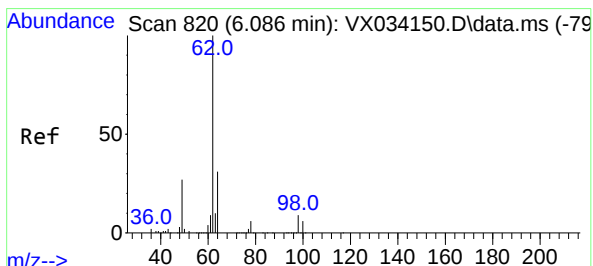
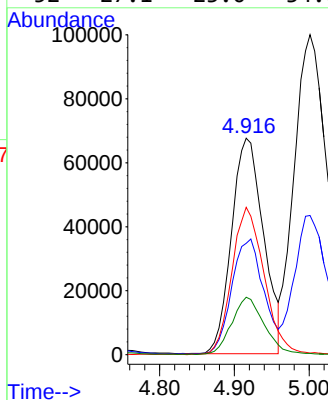
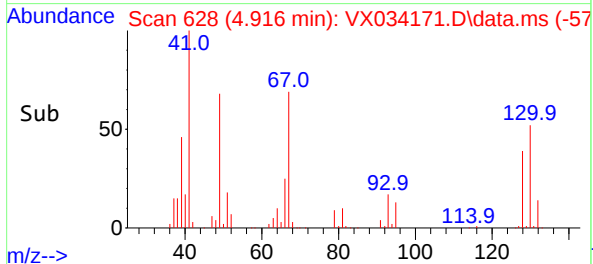
Tgt Ion: 41 Resp: 200479
Ion Ratio Lower Upper
41 100
39 53.7 43.8 65.6
67 69.3 54.8 82.2
52 27.1 23.0 34.6

Manual Integrations

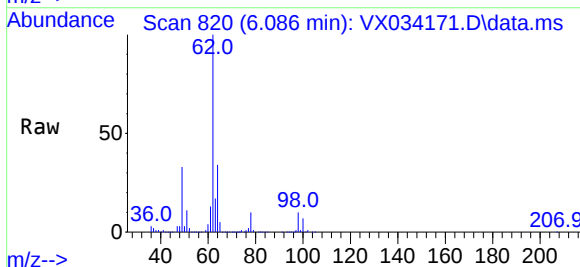
APPROVED

Reviewed By :John Carlone 02/21/2023

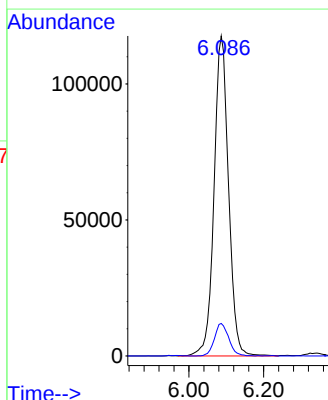
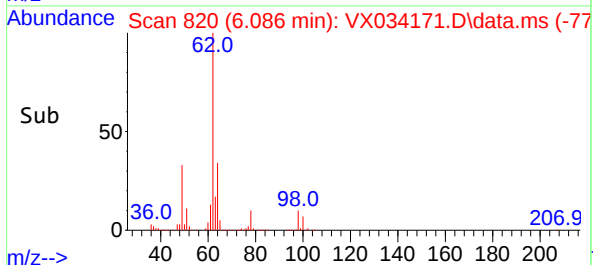
Supervised By :Mahesh Dadoda 02/21/2023

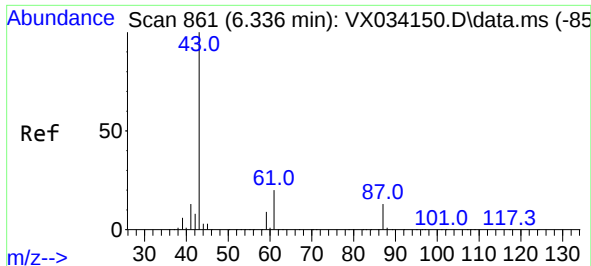


#42
1,2-Dichloroethane
Concen: 48.236 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



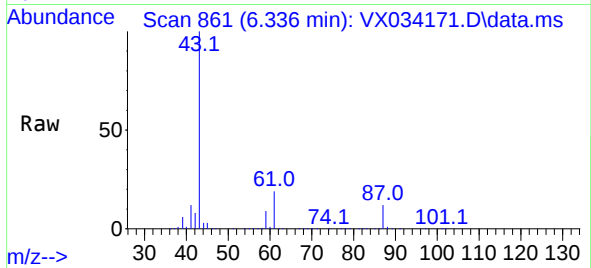
Tgt Ion: 62 Resp: 316176
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.817 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

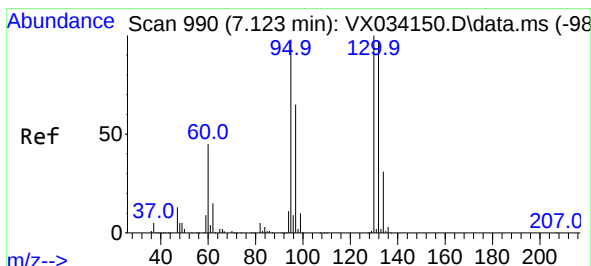
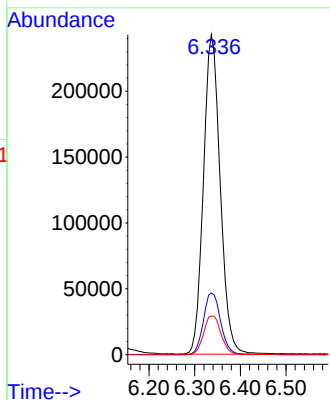
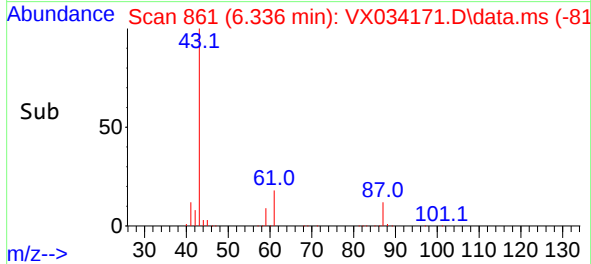
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 61788
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 12.6 10.6 15.8

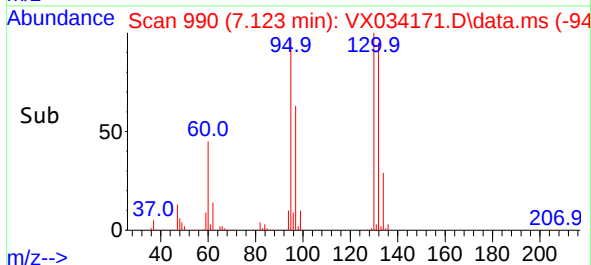
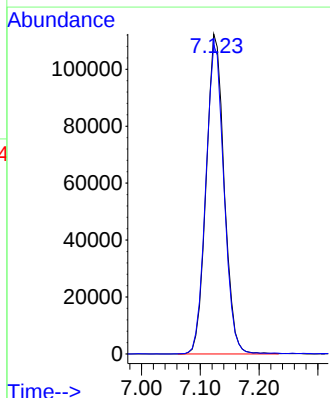
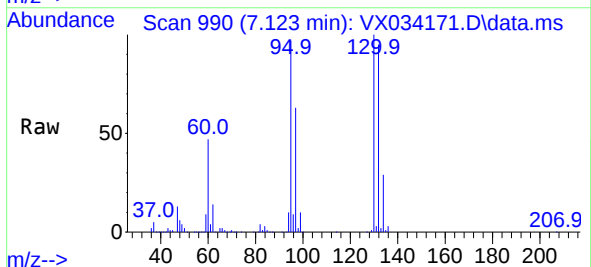
Manual Integrations
APPROVED

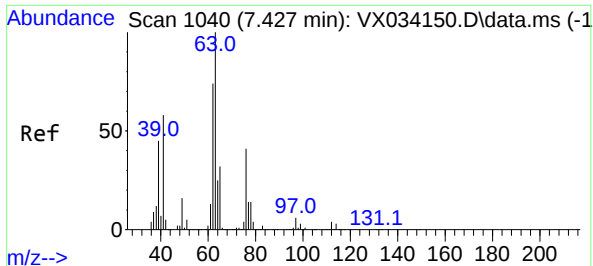
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 49.911 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Tgt Ion:130 Resp: 238707
Ion Ratio Lower Upper
130 100
95 96.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.434 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034171.D

Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 25022

Ion Ratio Lower Upper

63 100

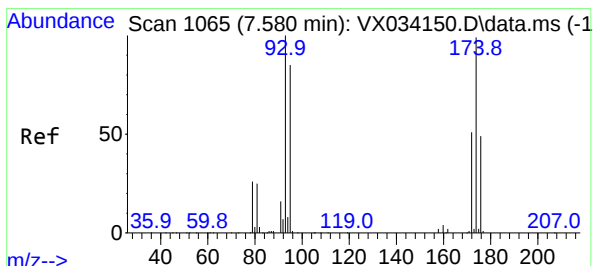
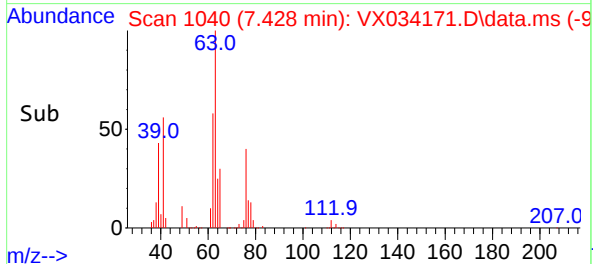
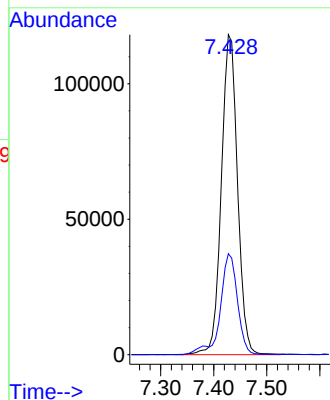
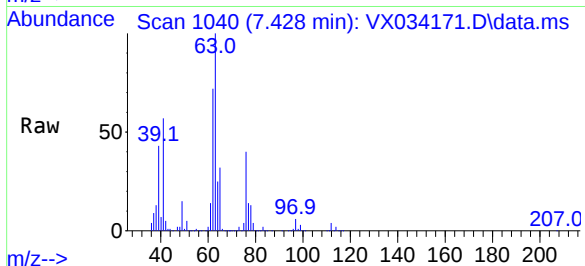
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#46

Dibromomethane

Concen: 49.705 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034171.D

Acq: 17 Feb 2023 20:33

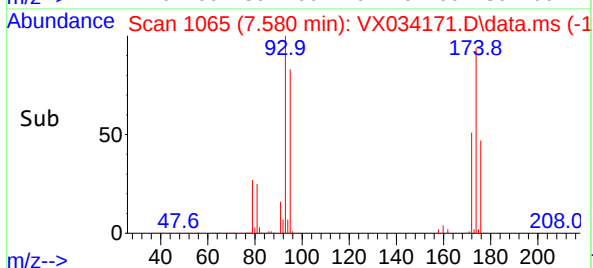
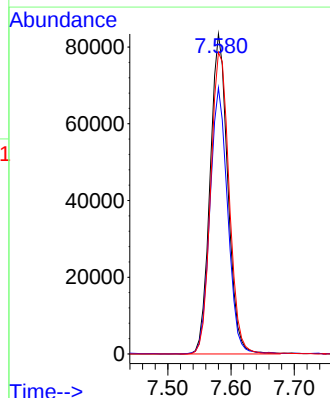
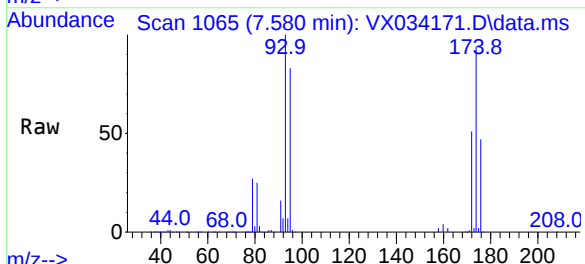
Tgt Ion: 93 Resp: 162295

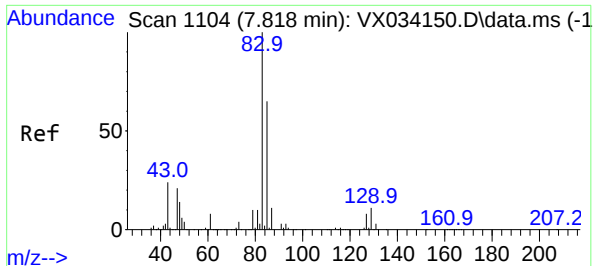
Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

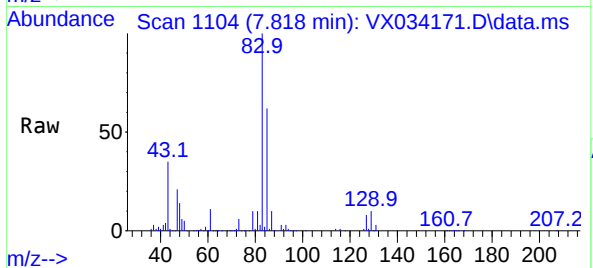
174 98.2 97.4 146.0





#47
Bromodichloromethane
Concen: 49.231 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

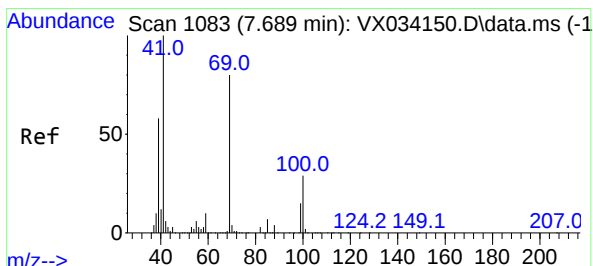
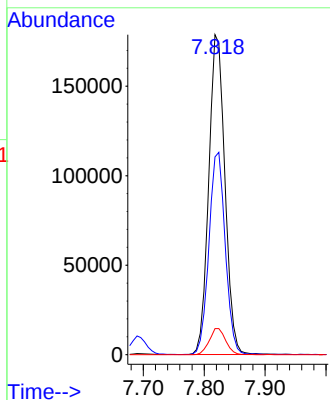
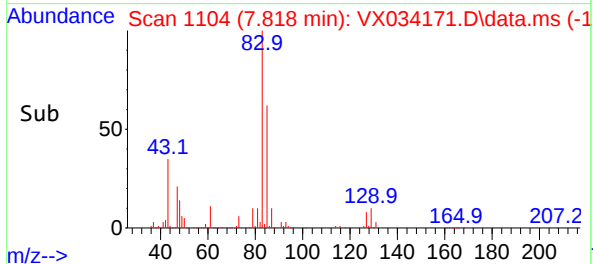
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



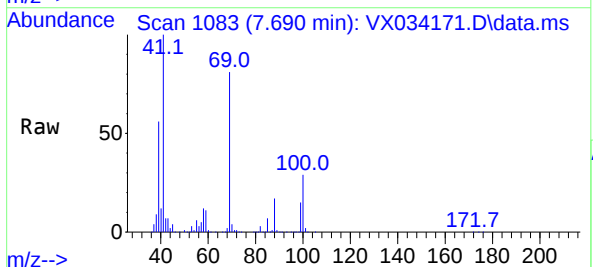
Tgt Ion: 83 Resp: 329890
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.2 7.0 10.4

Manual Integrations
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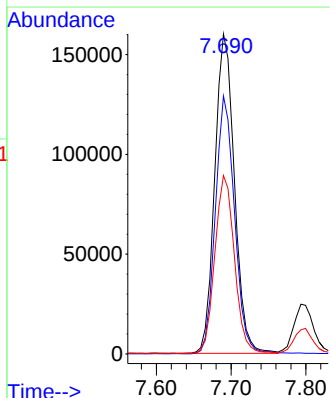
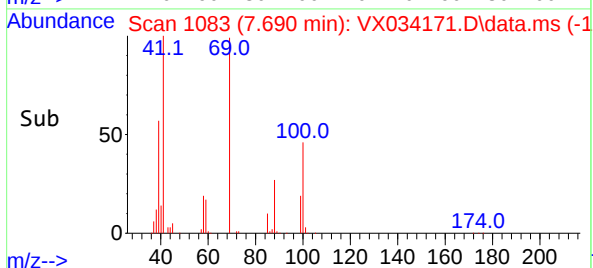
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

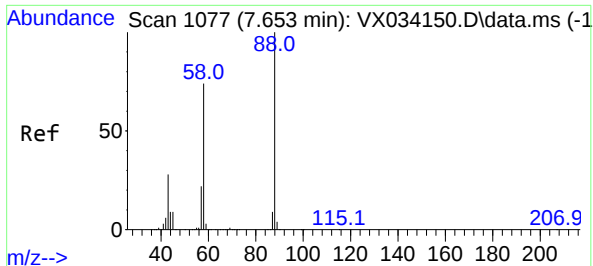


#48
Methyl methacrylate
Concen: 49.856 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



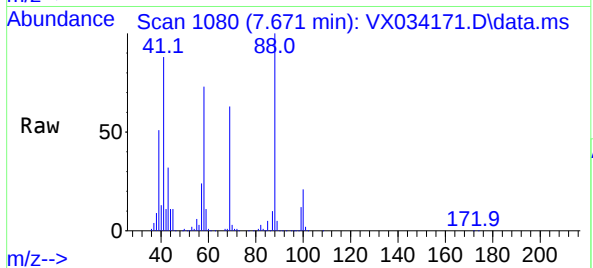
Tgt Ion: 41 Resp: 293497
Ion Ratio Lower Upper
41 100
69 79.0 63.1 94.7
39 55.6 43.2 64.8





#49
1,4-Dioxane
Concen: 843.885 ug/l
RT: 7.671 min Scan# 1077
Delta R.T. 0.019 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

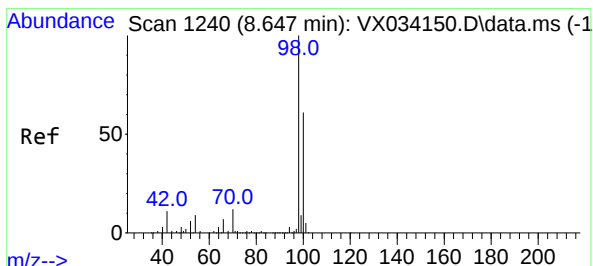
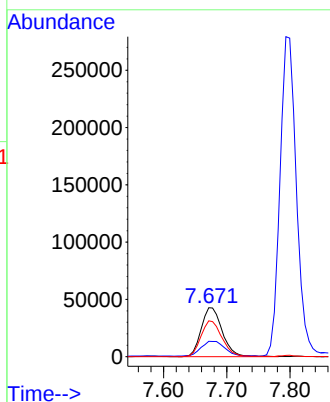
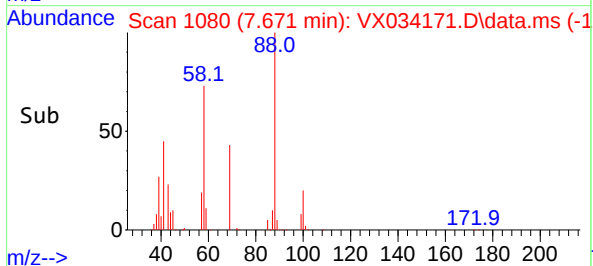
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 99085
Ion Ratio Lower Upper
88 100
43 34.2 0.0 0.0
58 73.3 56.5 84.7

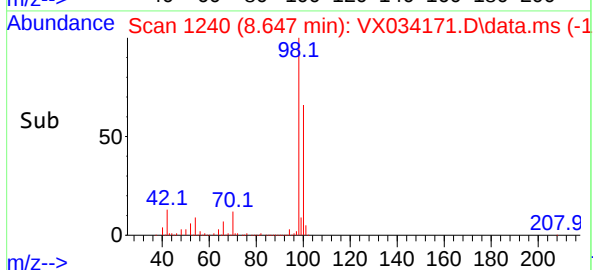
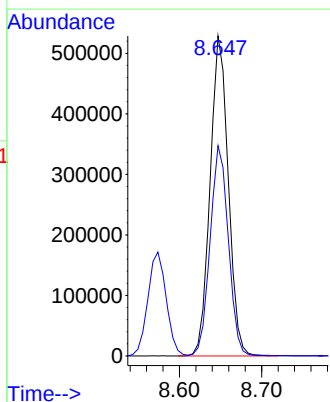
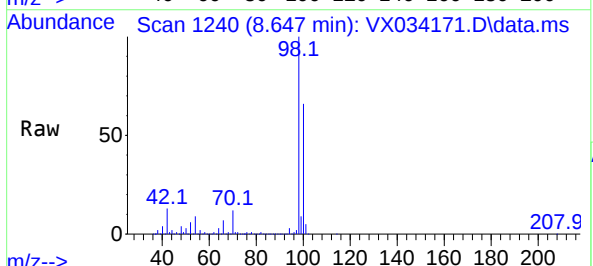
Manual Integrations
APPROVED

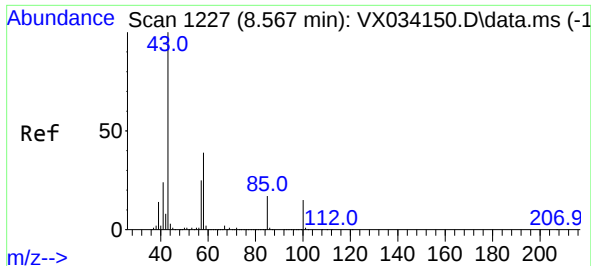
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#50
Toluene-d8
Concen: 53.157 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

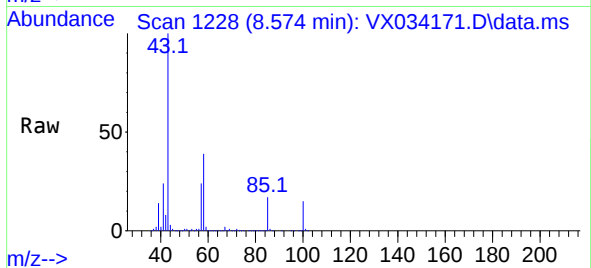
Tgt Ion: 98 Resp: 811585
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 261.205 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

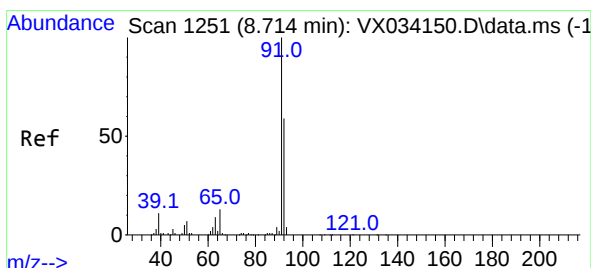
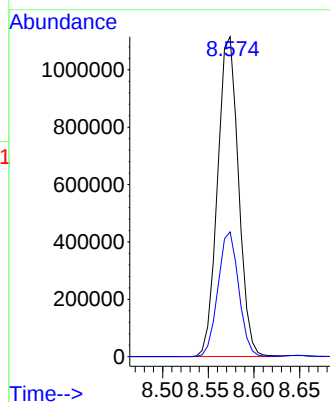
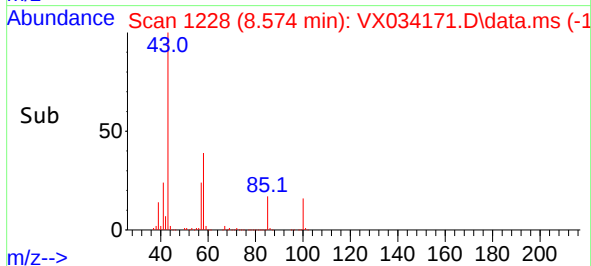
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



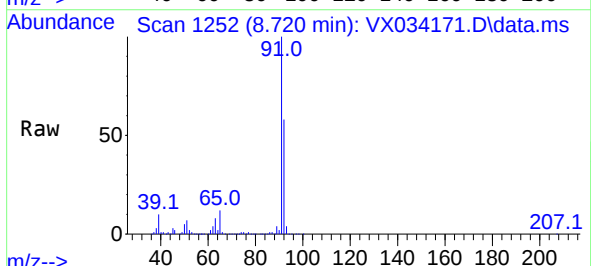
Tgt Ion: 43 Resp: 1782420
Ion Ratio Lower Upper
43 100
58 38.6 31.2 46.8

Manual Integrations
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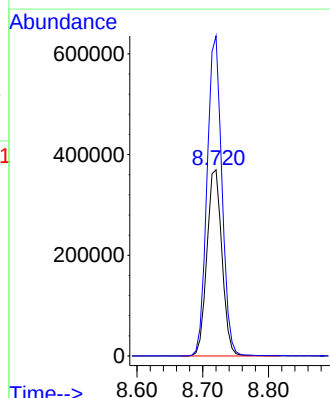
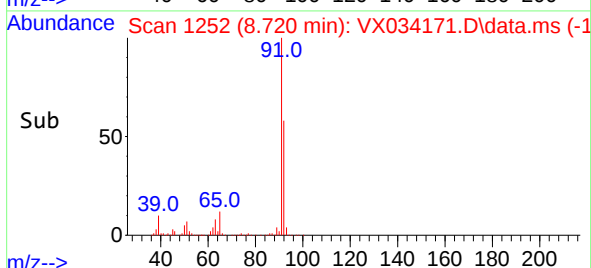
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

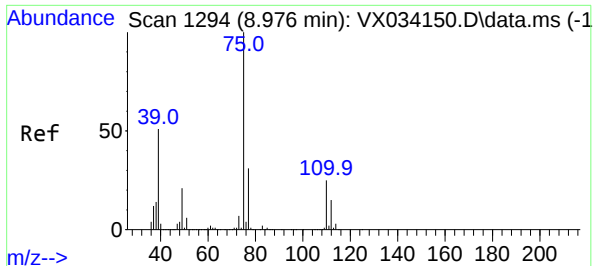


#52
Toluene
Concen: 52.157 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



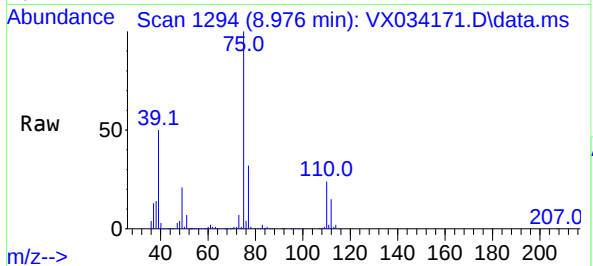
Tgt Ion: 92 Resp: 588997
Ion Ratio Lower Upper
92 100
91 169.5 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 50.528 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

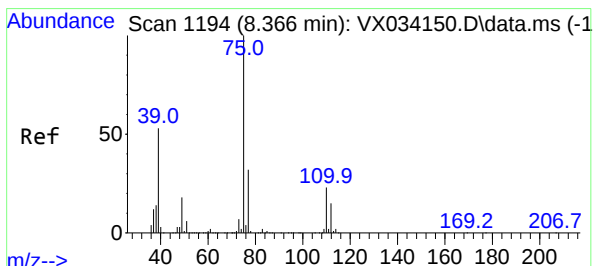
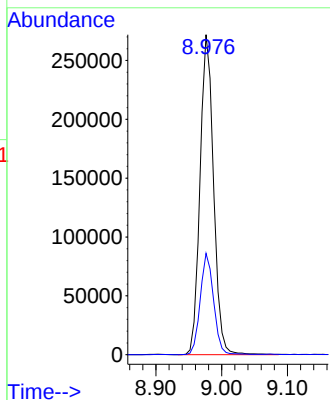
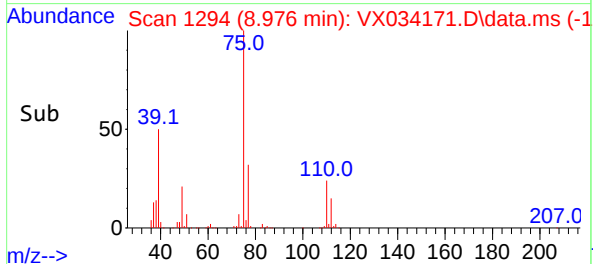
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



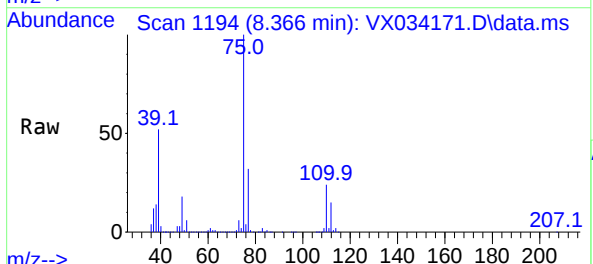
Tgt Ion: 75 Resp: 38973
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

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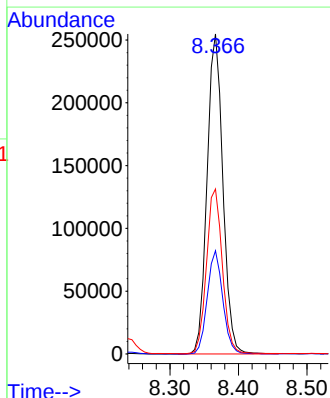
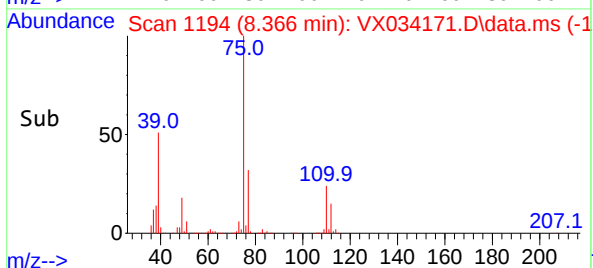
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

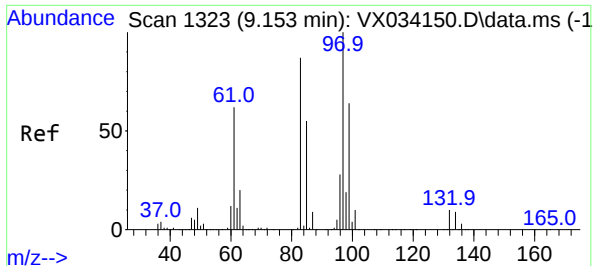


#54
cis-1,3-Dichloropropene
Concen: 49.596 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



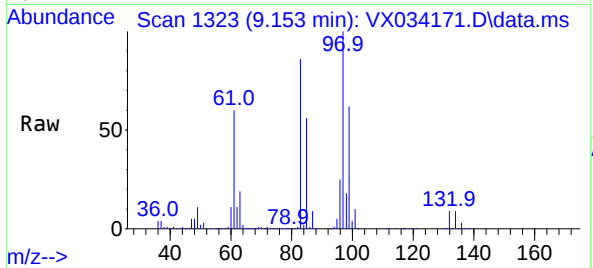
Tgt Ion: 75 Resp: 409532
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 51.5 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 51.681 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

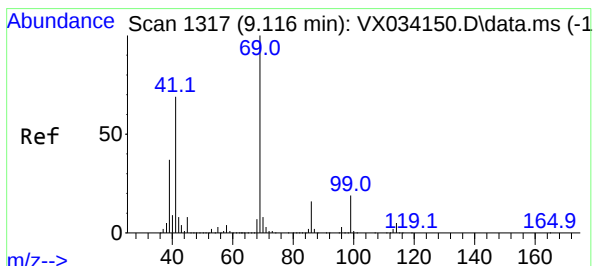
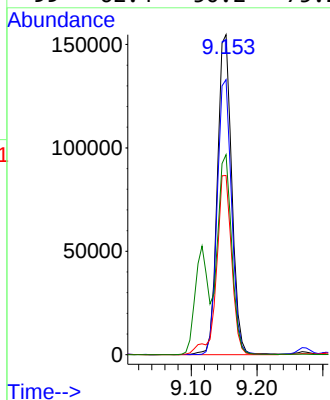
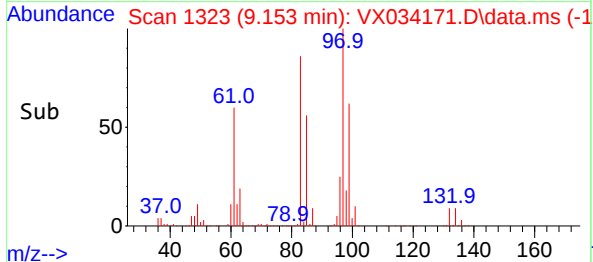
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



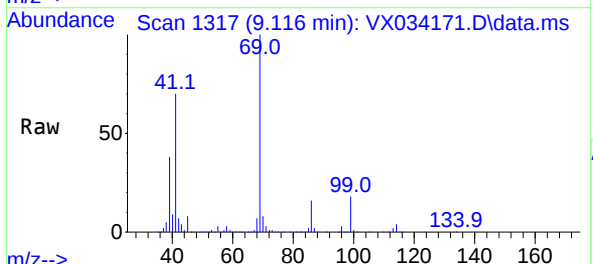
Tgt Ion: 97 Resp: 235572
Ion Ratio Lower Upper
97 100
83 85.9 67.4 101.0
85 56.0 43.2 64.8
99 62.4 50.2 75.2

Manual Integrations
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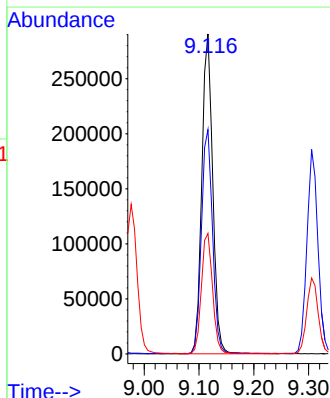
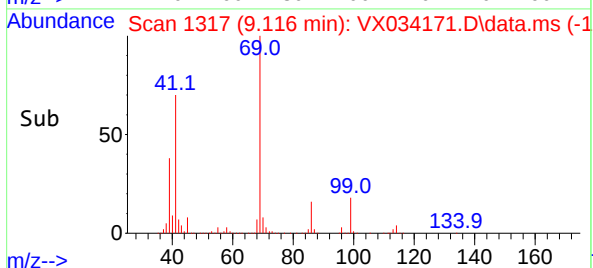
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

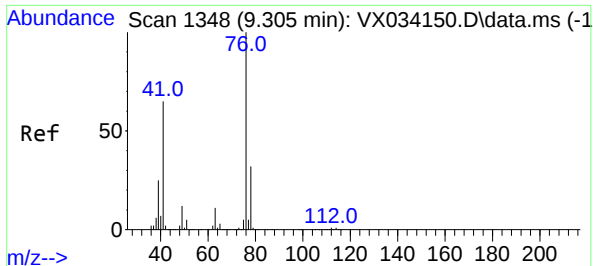


#56
Ethyl methacrylate
Concen: 51.860 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



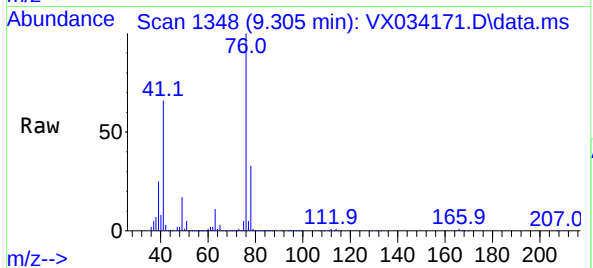
Tgt Ion: 69 Resp: 399890
Ion Ratio Lower Upper
69 100
41 71.4 55.1 82.7
39 38.5 28.5 42.7





#57
1,3-Dichloropropane
Concen: 51.598 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

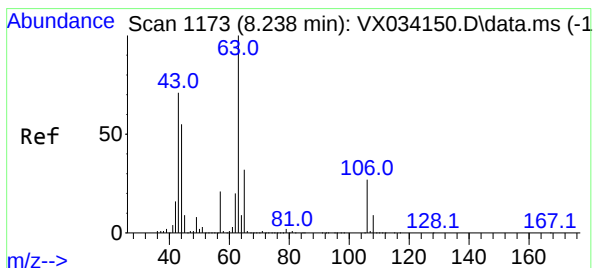
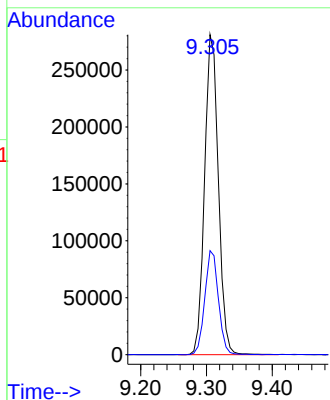
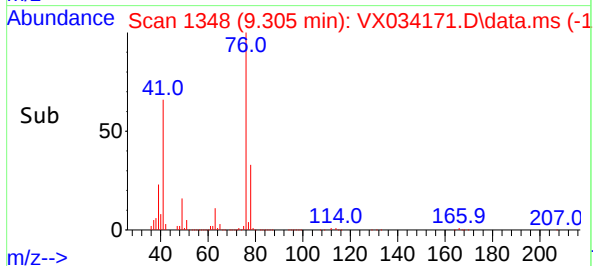
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



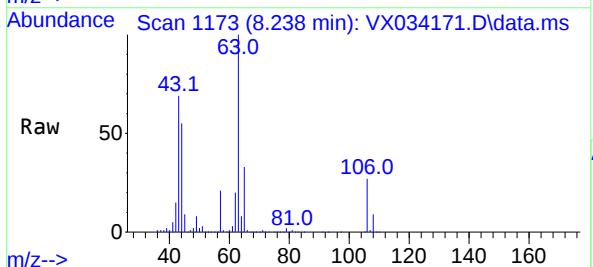
Tgt Ion: 76 Resp: 40920
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

Manual Integrations
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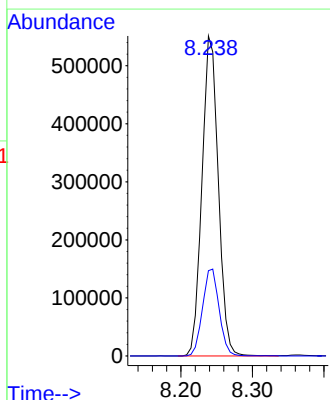
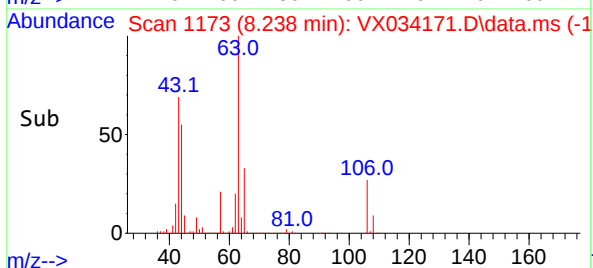
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

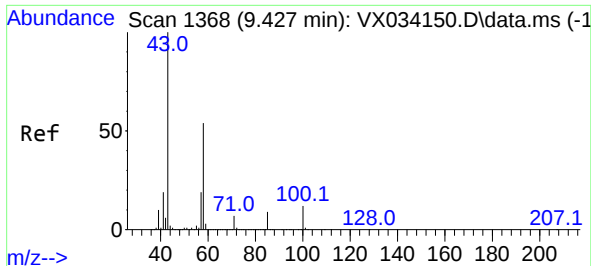


#58
2-Chloroethyl Vinyl ether
Concen: 261.503 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion: 63 Resp: 873508
Ion Ratio Lower Upper
63 100
106 27.6 24.5 36.7





#59

2-Hexanone

Concen: 253.521 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034171.D

Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 131843

Ion Ratio Lower Upper

43 100

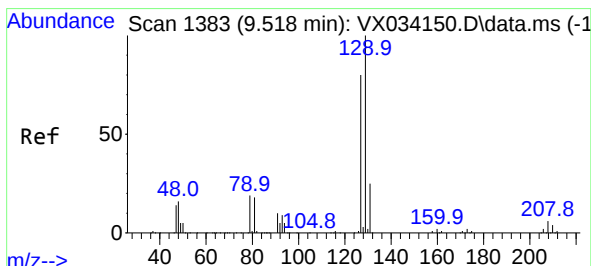
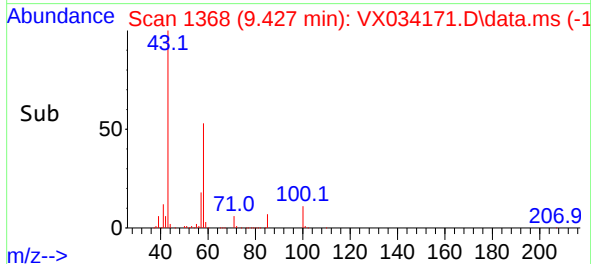
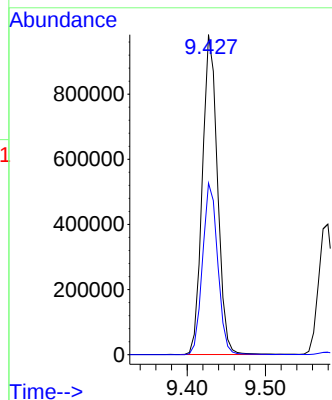
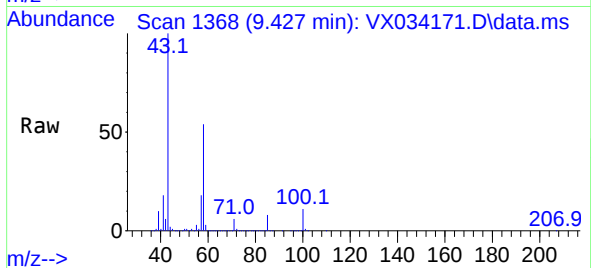
58 53.7 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#60

Dibromochloromethane

Concen: 50.954 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034171.D

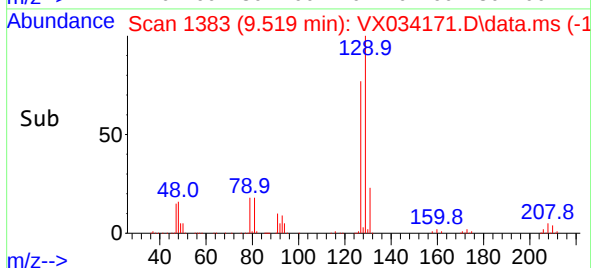
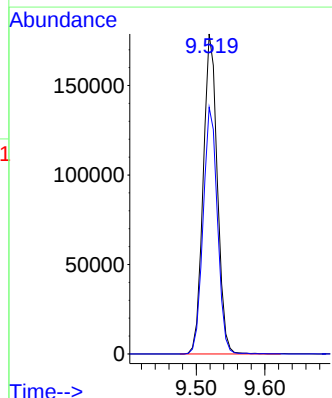
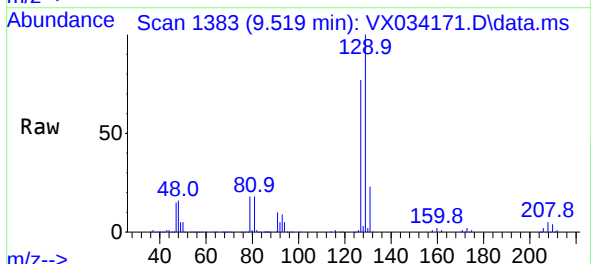
Acq: 17 Feb 2023 20:33

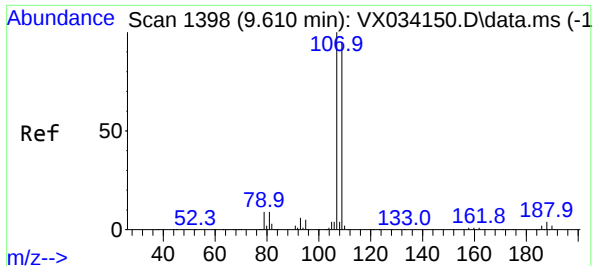
Tgt Ion:129 Resp: 256631

Ion Ratio Lower Upper

129 100

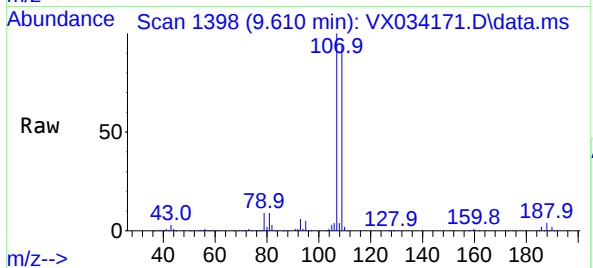
127 77.8 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.103 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

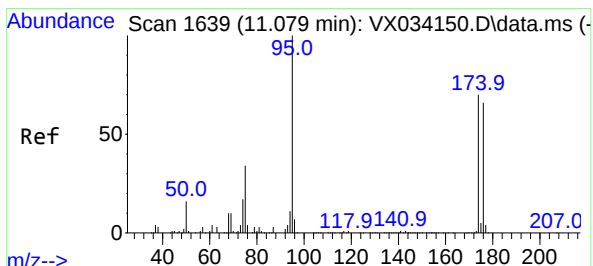
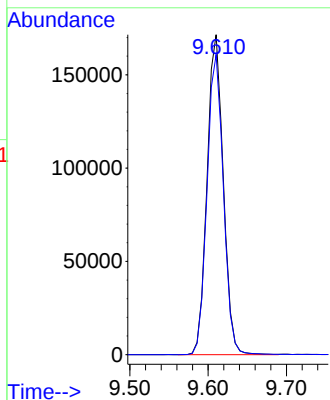
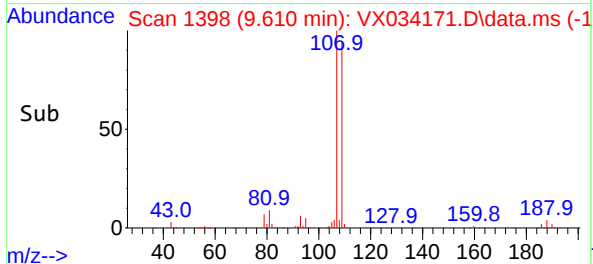
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



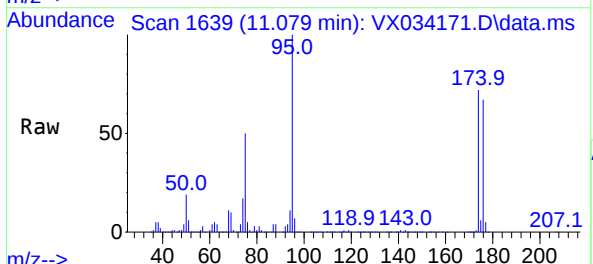
Tgt Ion:107 Resp: 24635
Ion Ratio Lower Upper
107 100
109 94.6 74.2 111.2

Manual Integrations
APPROVED

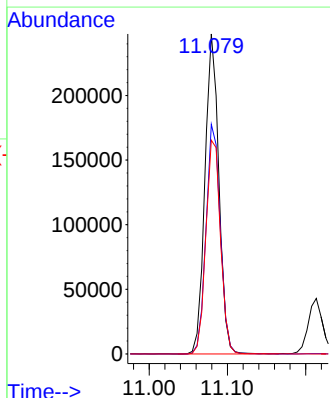
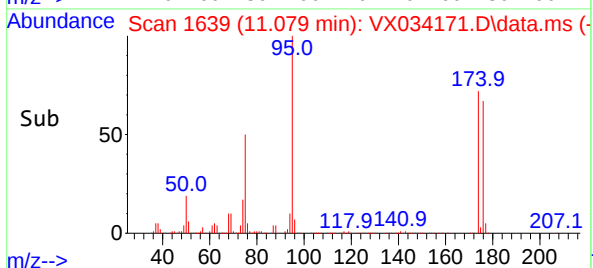
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

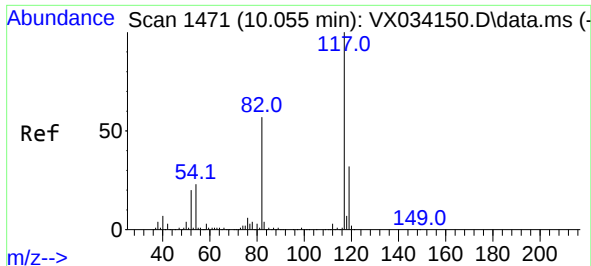


#62
4-Bromofluorobenzene
Concen: 52.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



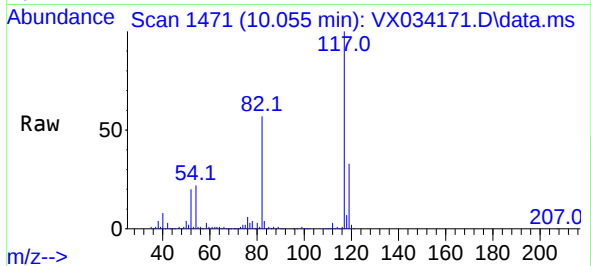
Tgt Ion: 95 Resp: 304717
Ion Ratio Lower Upper
95 100
174 73.4 0.0 184.4
176 70.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

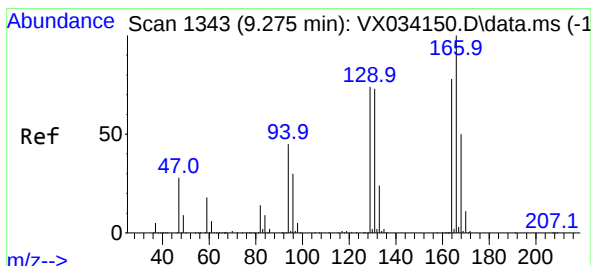
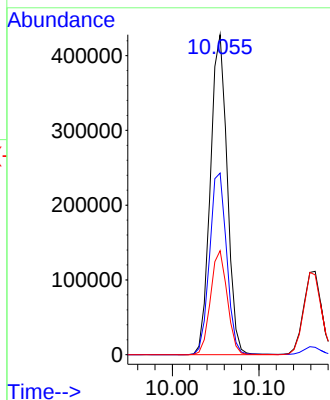
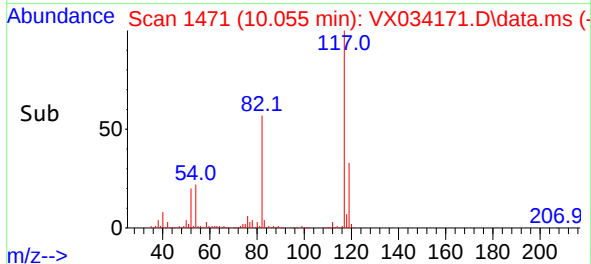
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 577982
Ion Ratio Lower Upper
117 100
82 56.8 40.6 60.8
119 32.5 25.6 38.4

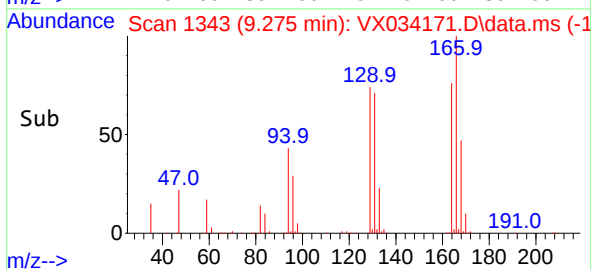
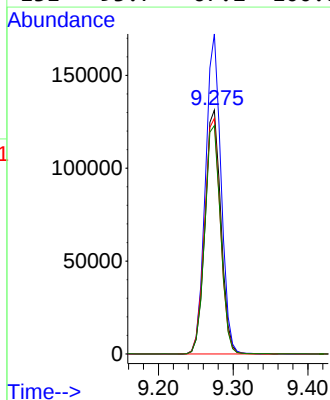
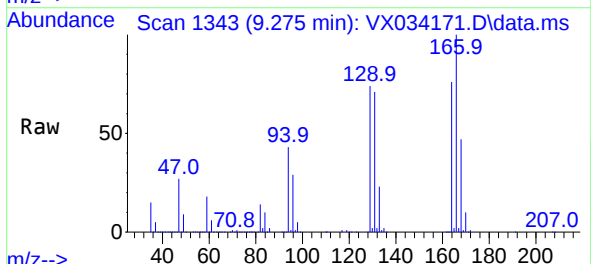
Manual Integrations
APPROVED

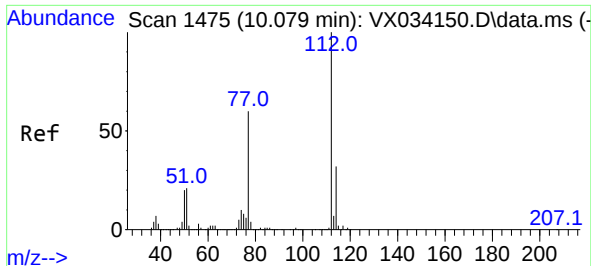
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#64
Tetrachloroethene
Concen: 47.270 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

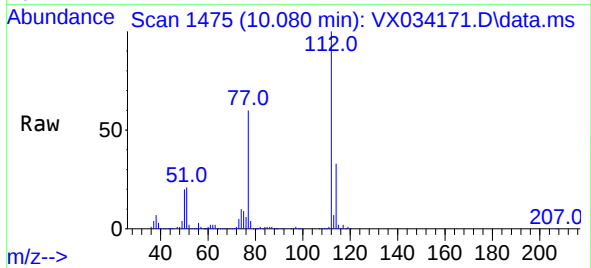
Tgt Ion:164 Resp: 192826
Ion Ratio Lower Upper
164 100
166 131.3 100.2 150.2
129 96.6 69.2 103.8
131 93.7 67.2 100.8





#65
Chlorobenzene
Concen: 50.417 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

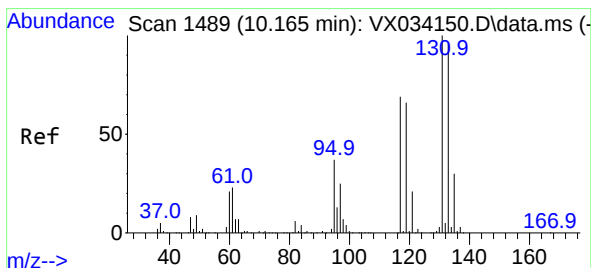
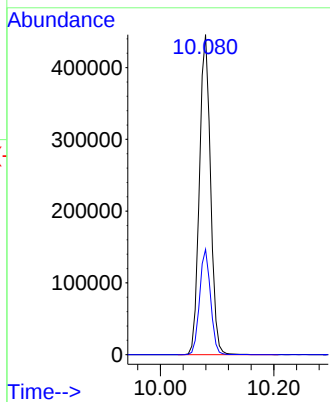
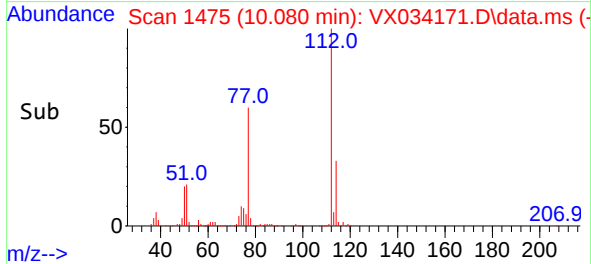
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



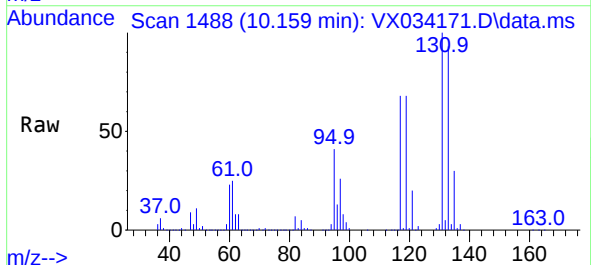
Tgt Ion:112 Resp: 60742
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4

Manual Integrations
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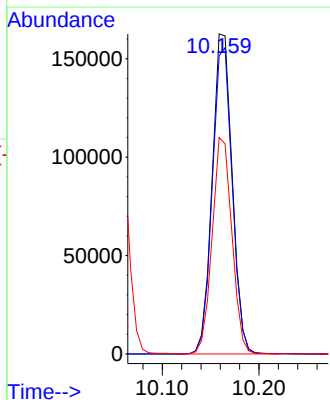
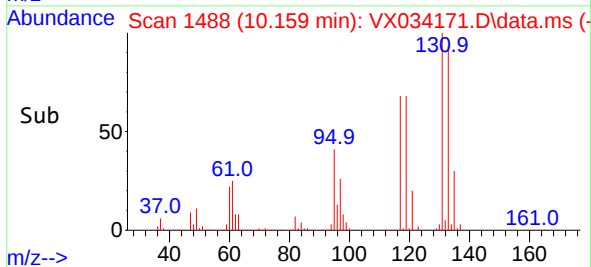
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

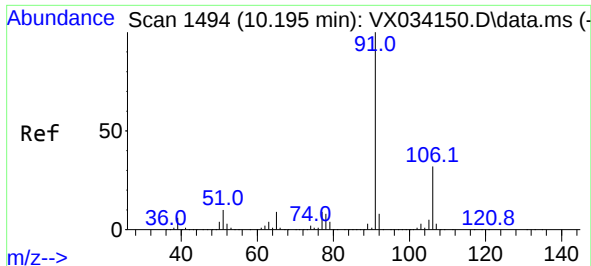


#66
1,1,1,2-Tetrachloroethane
Concen: 50.139 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion:131 Resp: 233852
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 66.8 31.9 95.7





#67

Ethyl Benzene

Concen: 51.141 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034171.D

Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 110693

Ion Ratio Lower Upper

91 100

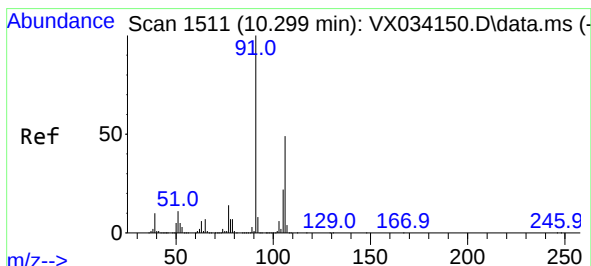
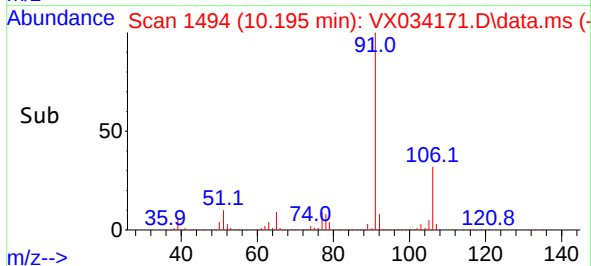
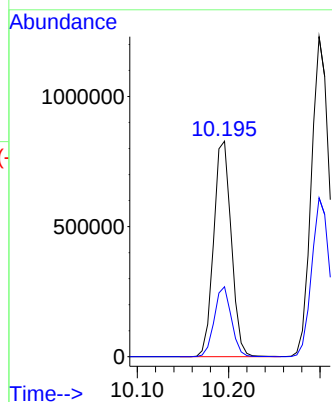
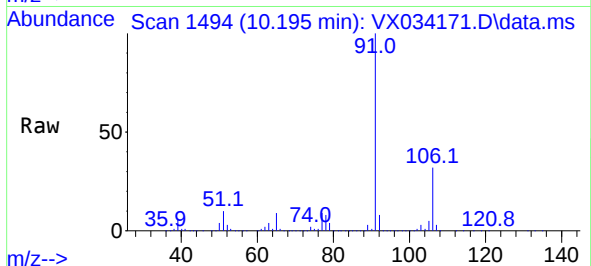
106 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#68

m/p-Xylenes

Concen: 100.399 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034171.D

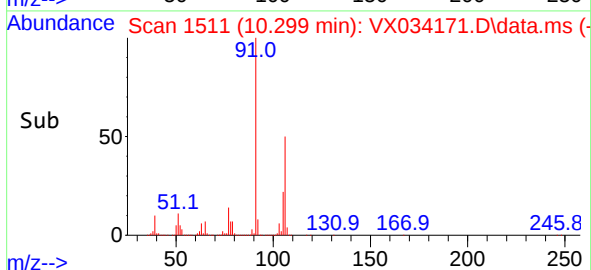
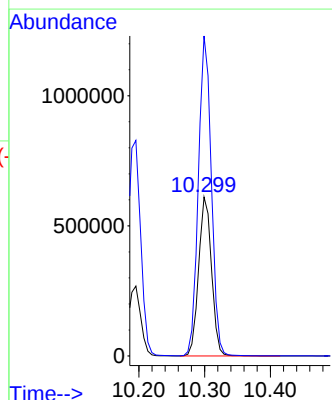
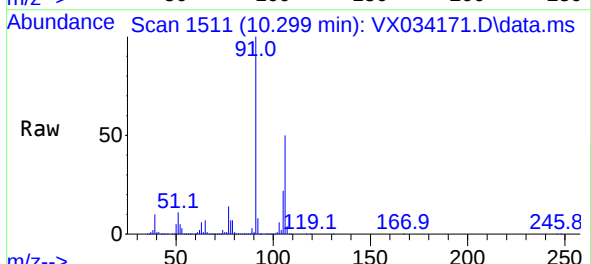
Acq: 17 Feb 2023 20:33

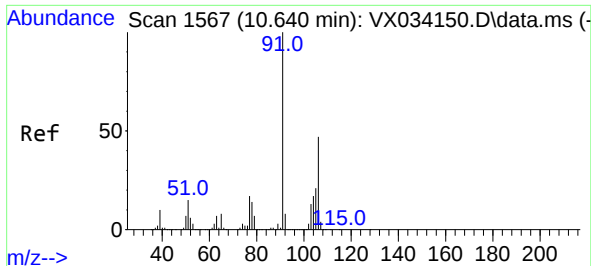
Tgt Ion:106 Resp: 831629

Ion Ratio Lower Upper

106 100

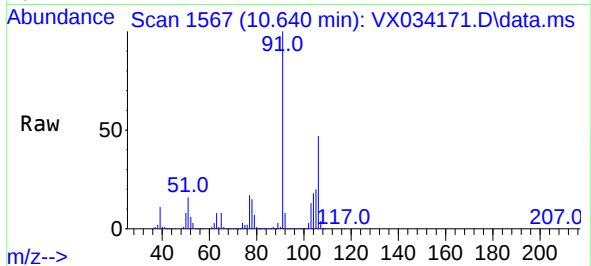
91 202.3 156.4 234.6





#69
o-Xylene
Concen: 50.094 ug/l
RT: 10.640 min Scan# 11569
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

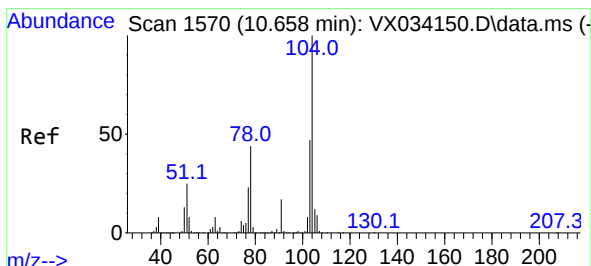
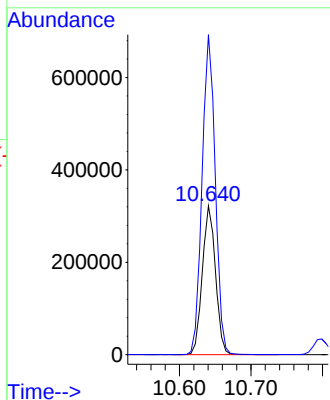
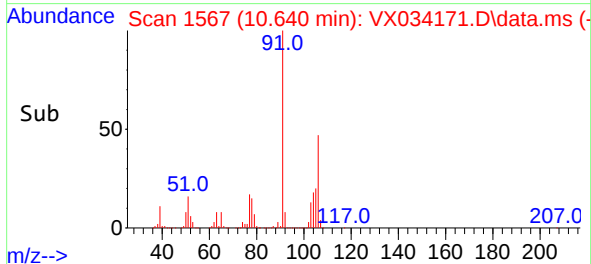
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



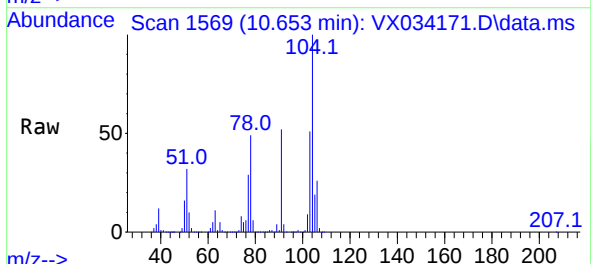
Tgt Ion:106 Resp: 413090
Ion Ratio Lower Upper
106 100
91 214.6 103.1 309.3

Manual Integrations
APPROVED

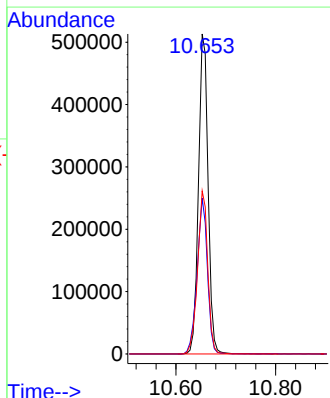
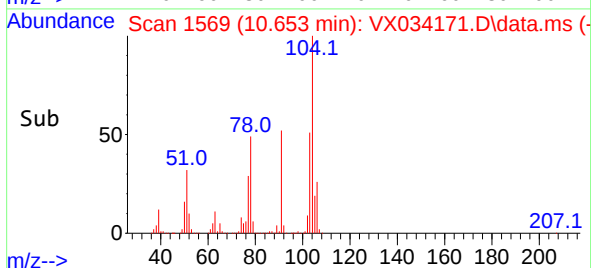
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

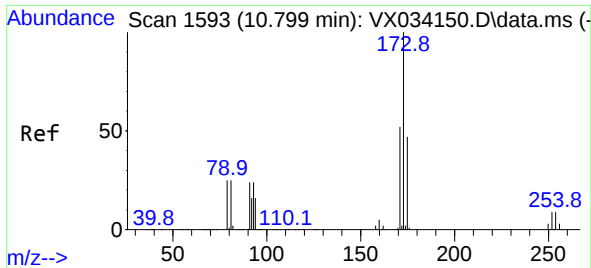


#70
Styrene
Concen: 50.871 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



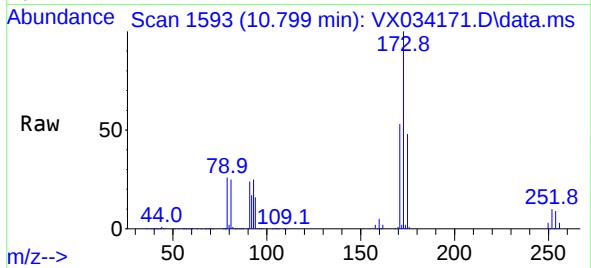
Tgt Ion:104 Resp: 682261
Ion Ratio Lower Upper
104 100
78 52.5 37.5 56.3
103 54.3 43.3 64.9





#71
Bromoform
Concen: 48.665 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

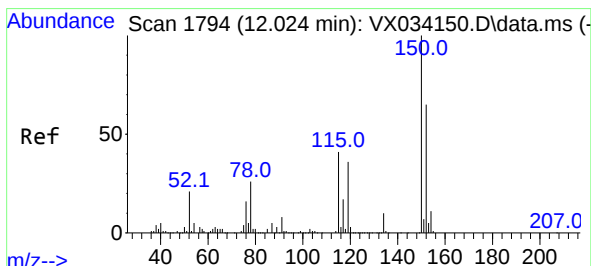
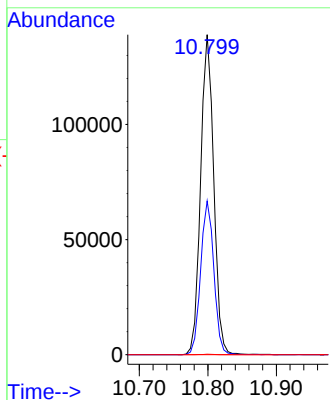
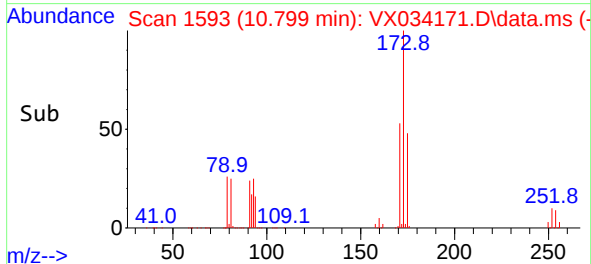
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



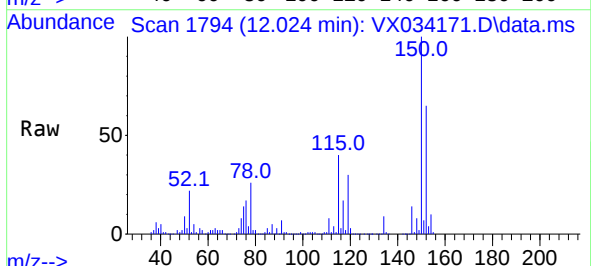
Tgt Ion:173 Resp: 18527
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
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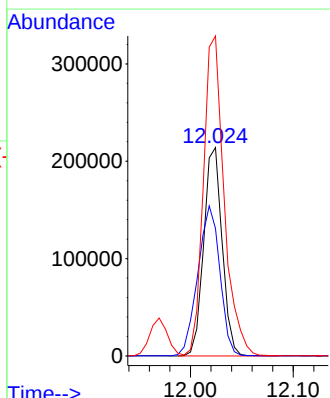
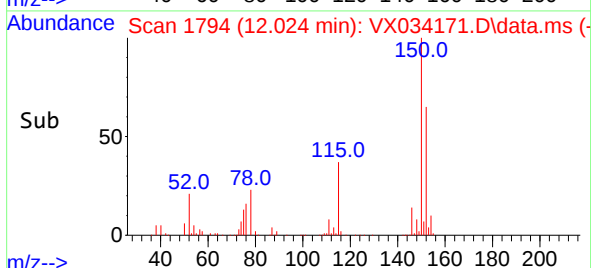
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

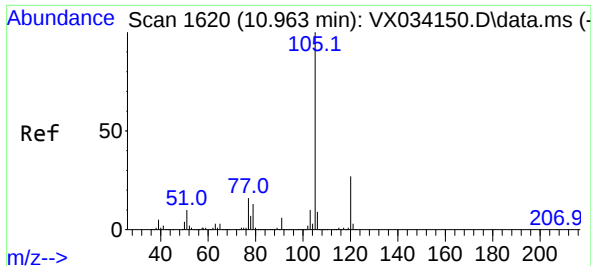


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



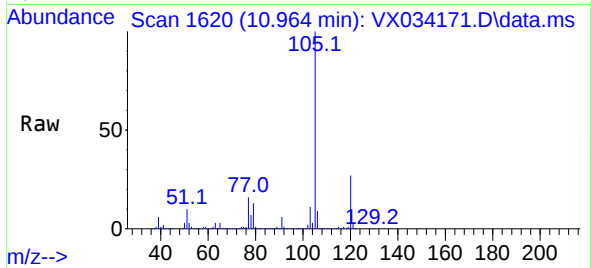
Tgt Ion:152 Resp: 267522
Ion Ratio Lower Upper
152 100
115 85.8 38.7 116.1
150 172.6 0.0 348.2





#73
Isopropylbenzene
Concen: 51.740 ug/l
RT: 10.964 min Scan# 105
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

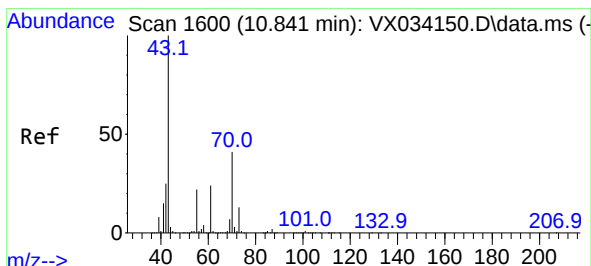
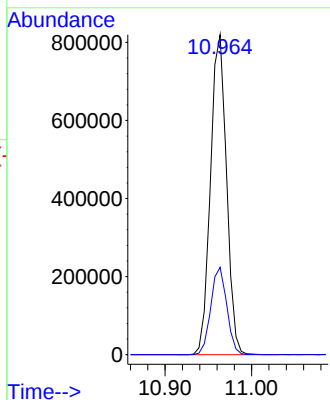
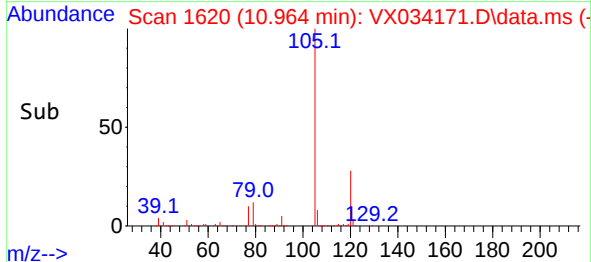
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



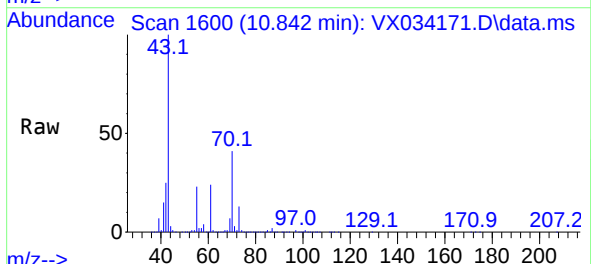
Tgt Ion:105 Resp: 1054915
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

Manual Integrations
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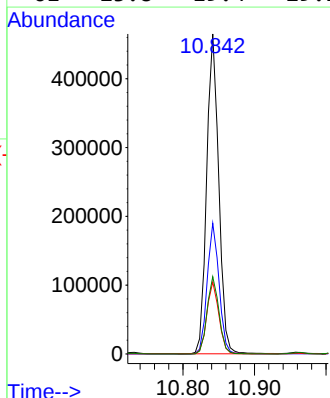
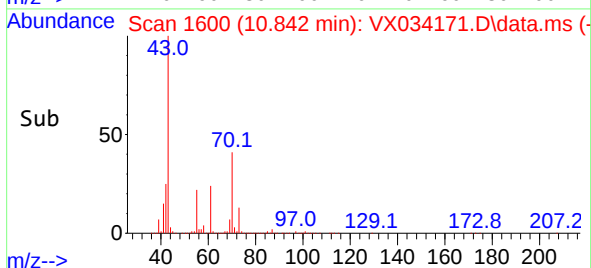
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

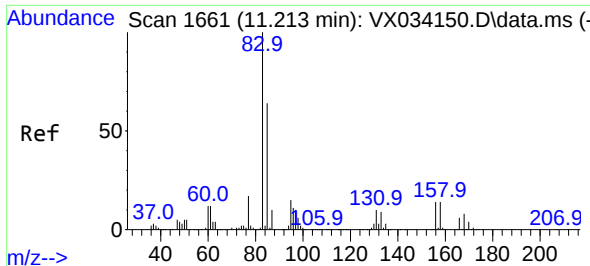


#74
N-ethyl acetate
Concen: 53.144 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



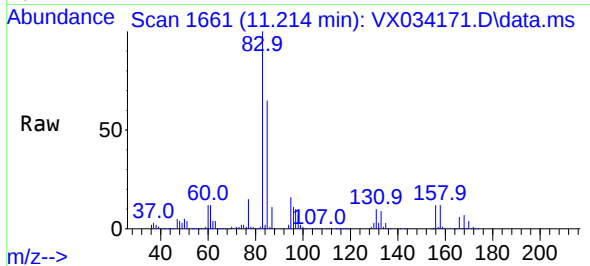
Tgt Ion: 43 Resp: 544355
Ion Ratio Lower Upper
43 100
70 40.4 34.8 52.2
55 22.3 19.4 29.0
61 23.8 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.133 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

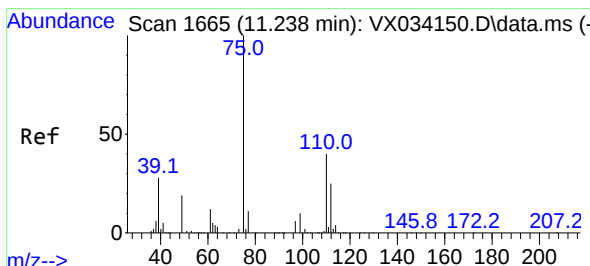
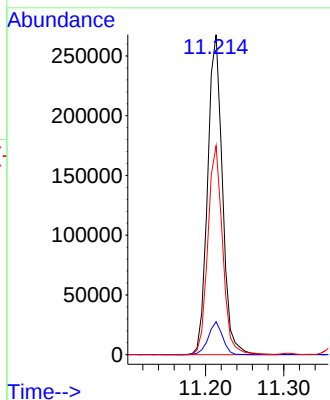
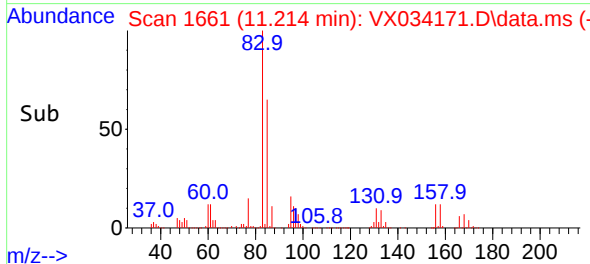
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



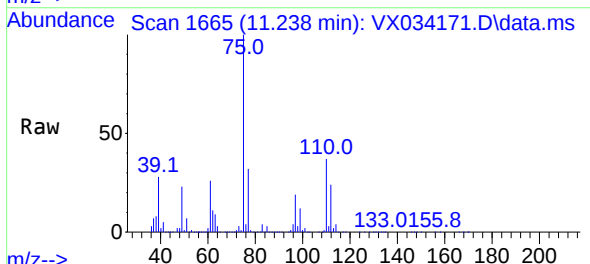
Tgt Ion: 83 Resp: 34960
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.7
85 64.9 32.3 96.9

Manual Integrations
APPROVED

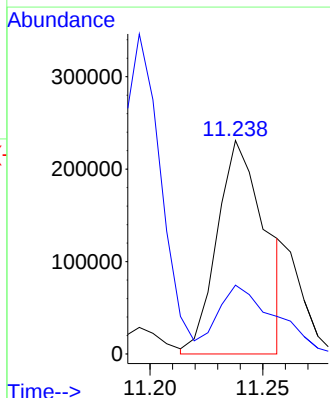
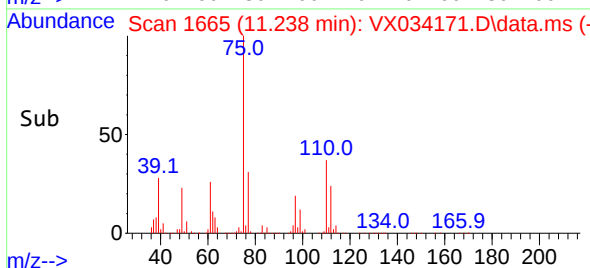
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

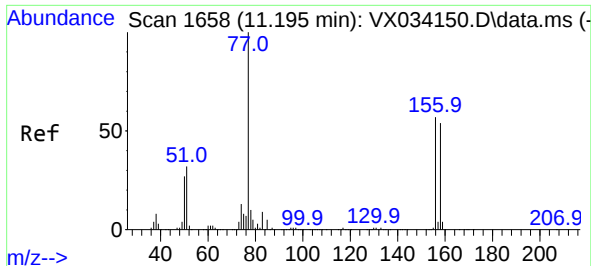


#76
1,2,3-Trichloropropane
Concen: 50.745 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



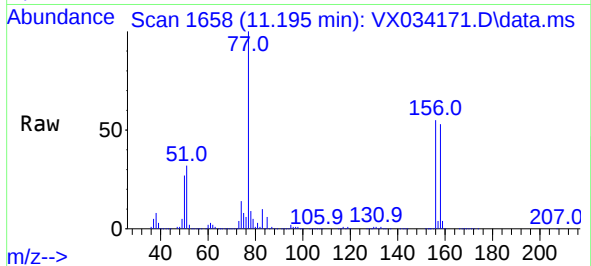
Tgt Ion: 75 Resp: 341598
Ion Ratio Lower Upper
75 100
77 38.7 21.8 65.4





#77
Bromobenzene
Concen: 50.594 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

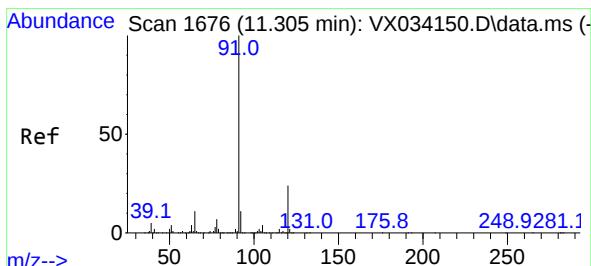
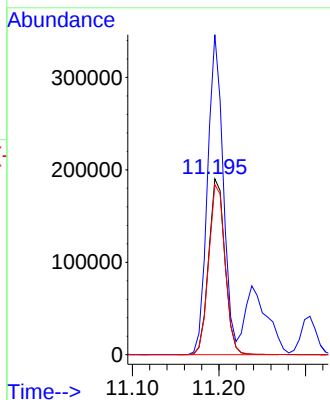
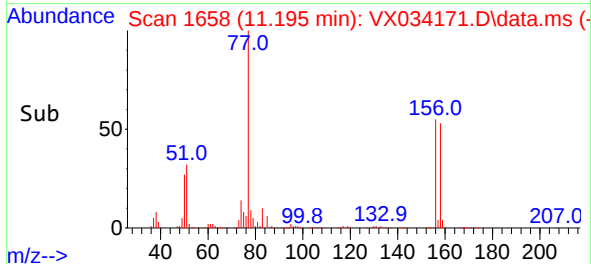
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



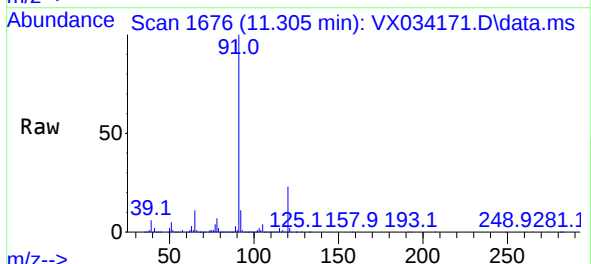
Tgt Ion:156 Resp: 248238
Ion Ratio Lower Upper
156 100
77 174.7 68.1 204.3
158 97.6 48.0 144.2

Manual Integrations
APPROVED

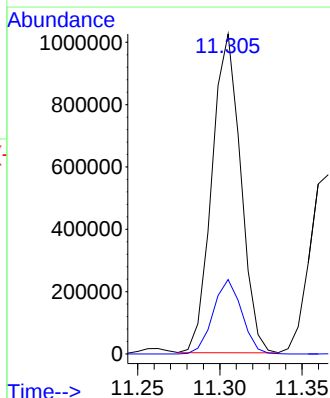
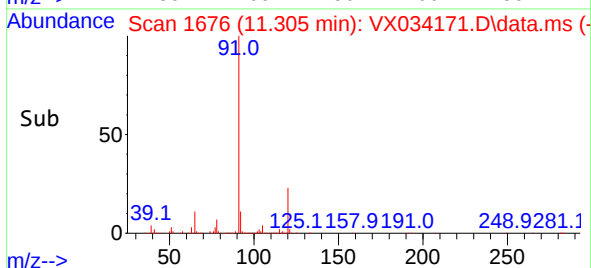
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

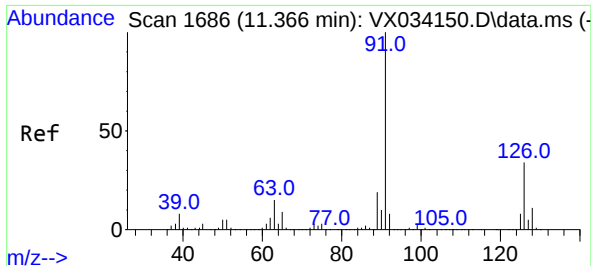


#78
n-propylbenzene
Concen: 52.496 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



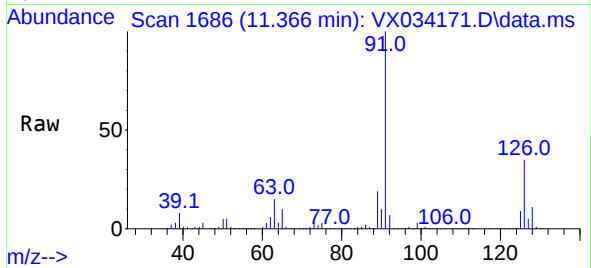
Tgt Ion: 91 Resp: 1244806
Ion Ratio Lower Upper
91 100
120 23.2 12.3 36.8





#79
2-Chlorotoluene
Concen: 51.015 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

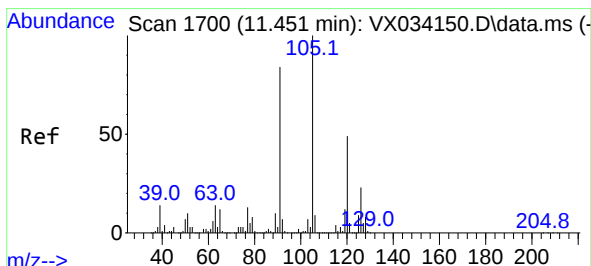
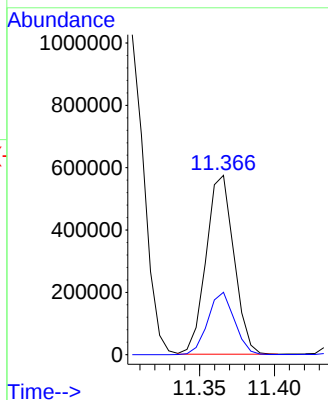
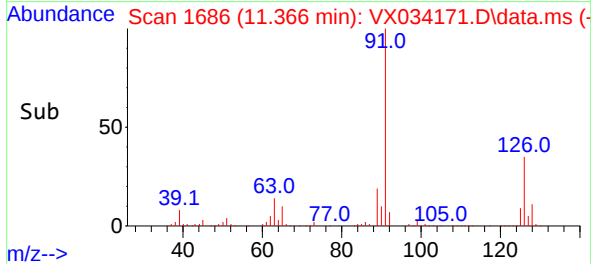
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



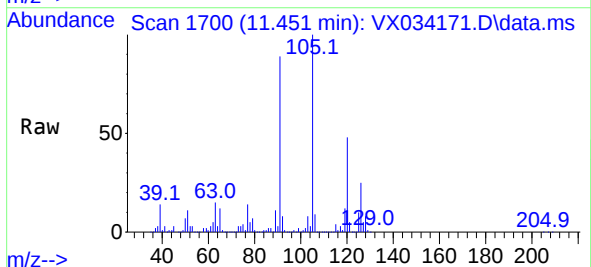
Tgt Ion: 91 Resp: 741750
Ion Ratio Lower Upper
91 100
126 33.4 18.1 54.1

Manual Integrations
APPROVED

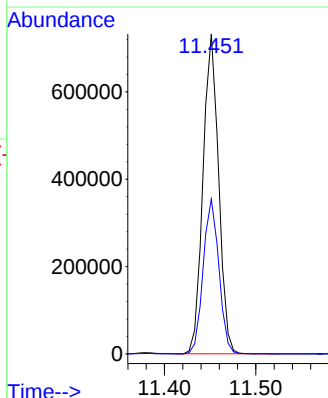
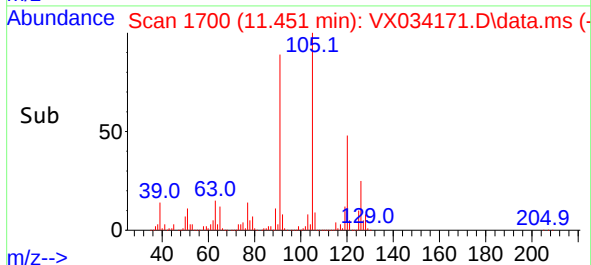
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

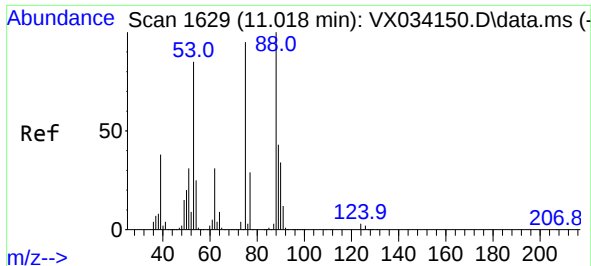


#80
1,3,5-Trimethylbenzene
Concen: 50.608 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



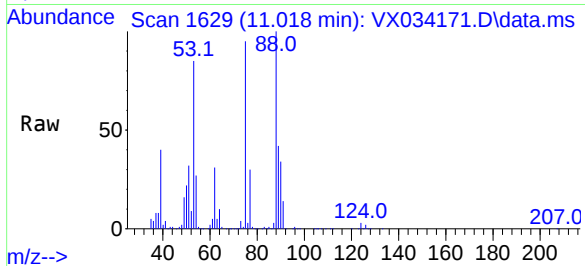
Tgt Ion:105 Resp: 867506
Ion Ratio Lower Upper
105 100
120 48.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.850 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

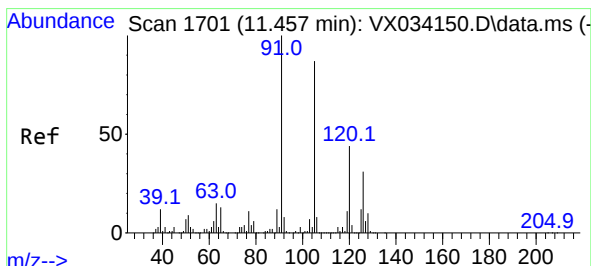
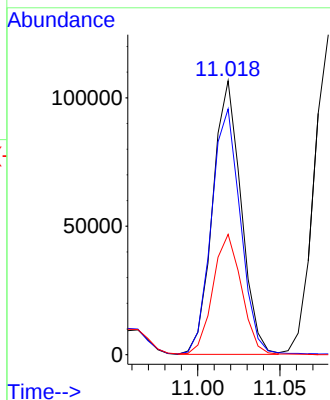
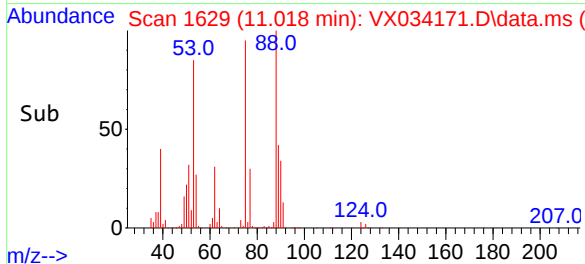
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



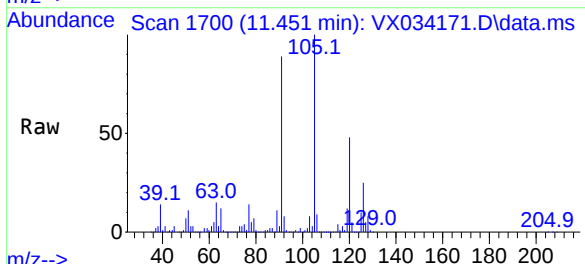
Tgt Ion: 75 Resp: 12800
Ion Ratio Lower Upper
75 100
53 92.3 83.0 124.6
89 44.5 37.7 56.5

Manual Integrations
APPROVED

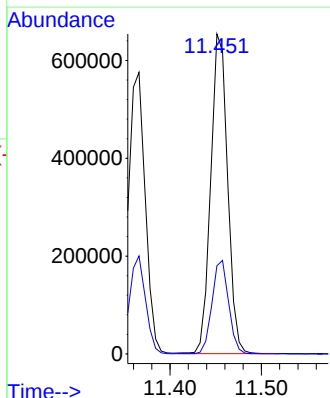
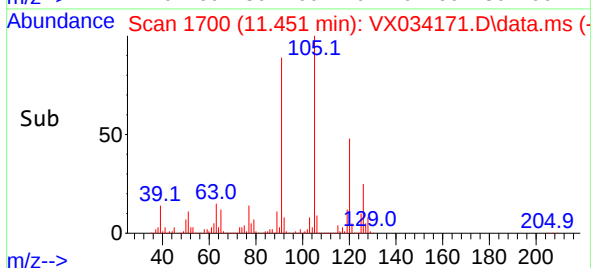
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

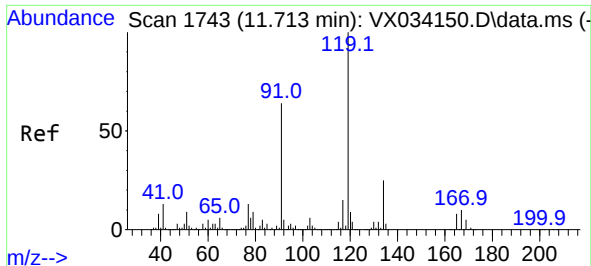


#82
4-Chlorotoluene
Concen: 50.511 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



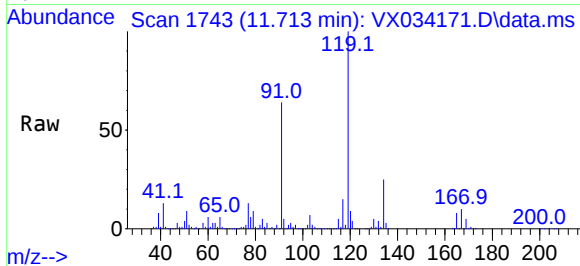
Tgt Ion: 91 Resp: 836487
Ion Ratio Lower Upper
91 100
126 28.9 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.141 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

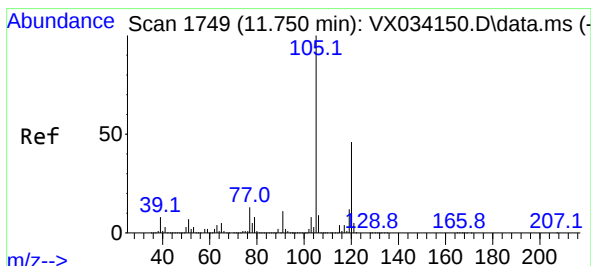
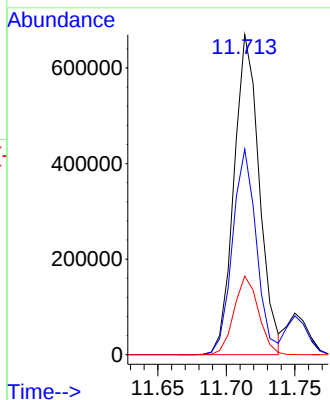
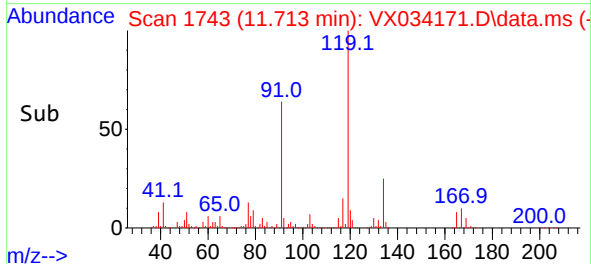
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



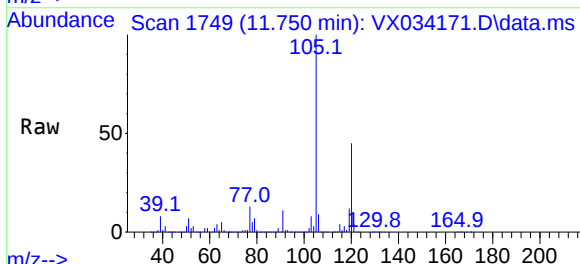
Tgt Ion:119 Resp: 862720
Ion Ratio Lower Upper
119 100
91 60.9 26.9 80.7
134 23.7 12.3 36.8

Manual Integrations
APPROVED

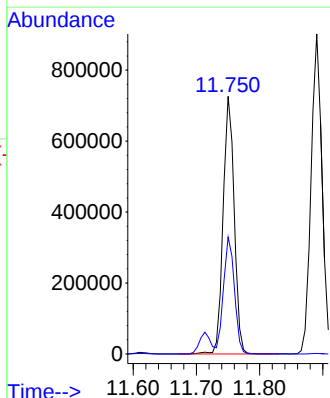
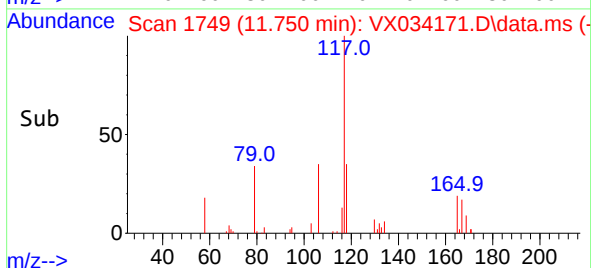
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

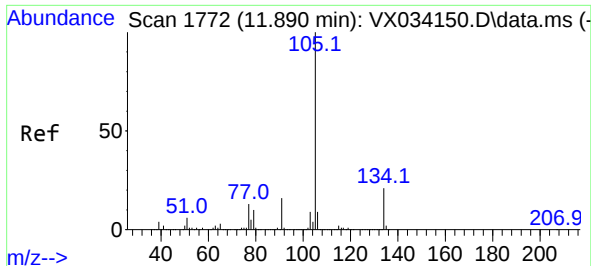


#84
1,2,4-Trimethylbenzene
Concen: 50.632 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



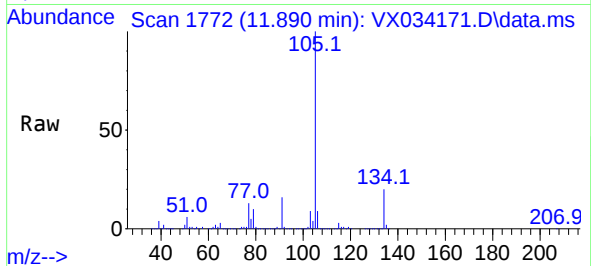
Tgt Ion:105 Resp: 877564
Ion Ratio Lower Upper
105 100
120 44.5 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.899 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX034171.D
 Acq: 17 Feb 2023 20:33

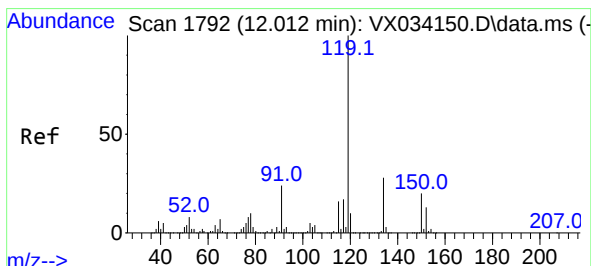
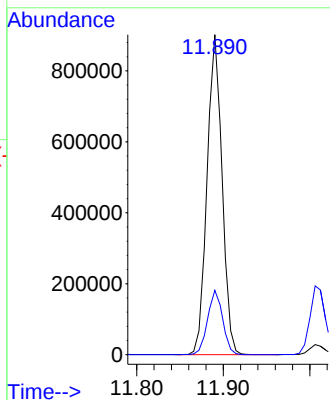
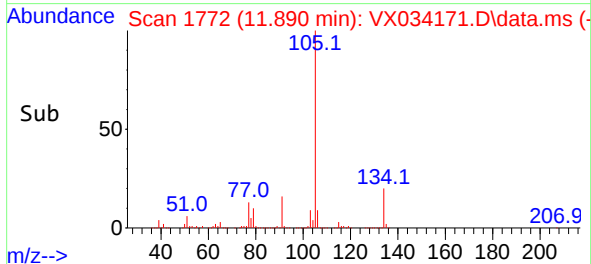
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



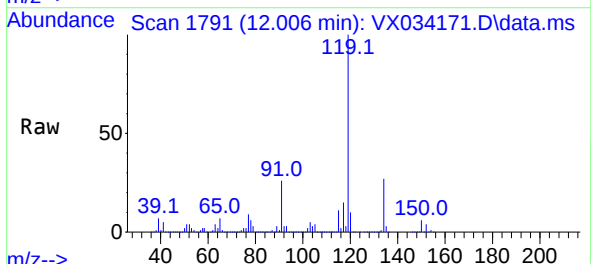
Tgt Ion:105 Resp: 1085154
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.8 32.3

Manual Integrations
 APPROVED

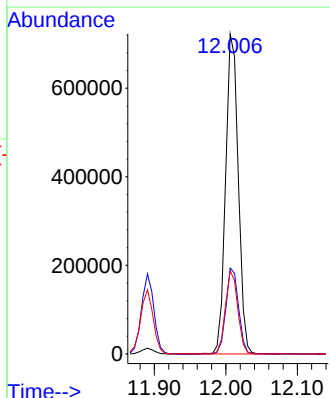
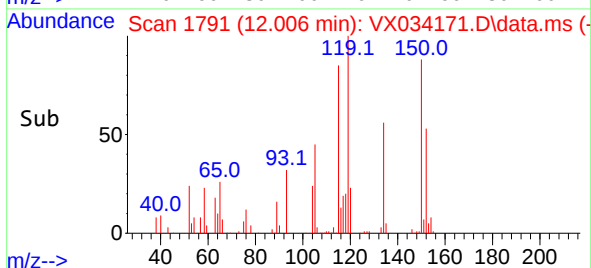
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

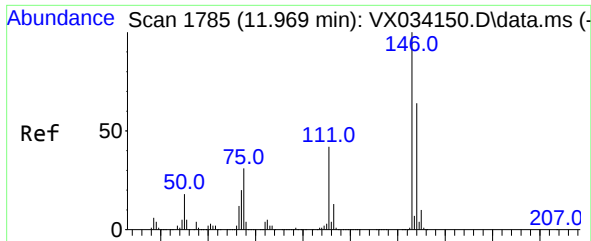


#86
 p-Isopropyltoluene
 Concen: 50.332 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034171.D
 Acq: 17 Feb 2023 20:33



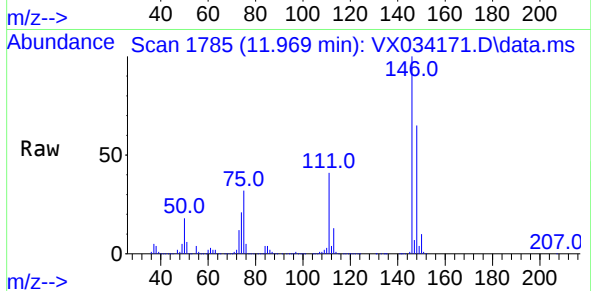
Tgt Ion:119 Resp: 888076
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 25.3 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 49.548 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

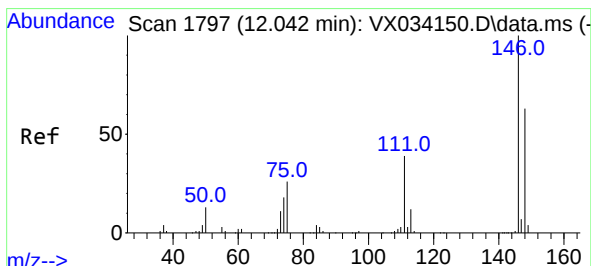
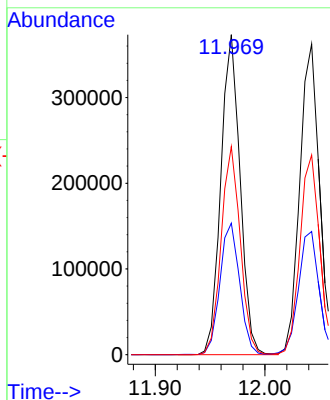
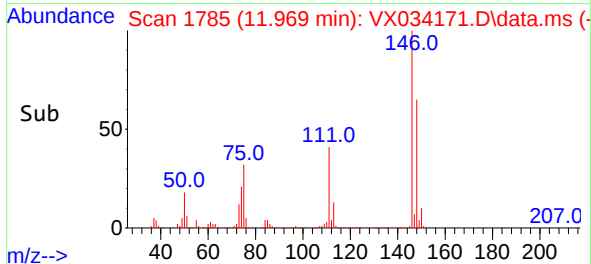
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



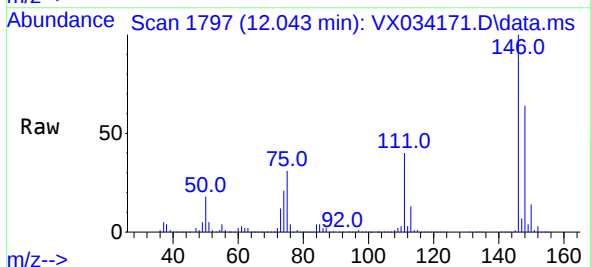
Tgt Ion:146 Resp: 455925
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 64.5 31.9 95.5

Manual Integrations
APPROVED

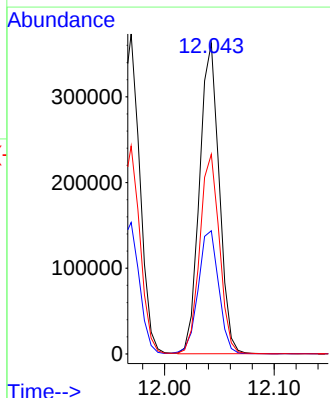
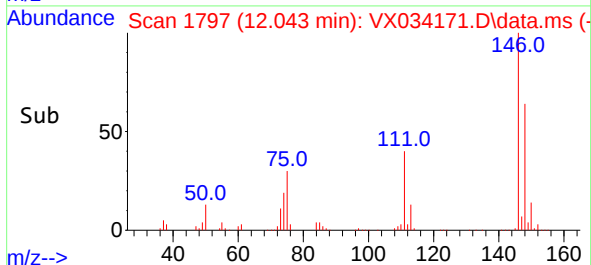
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

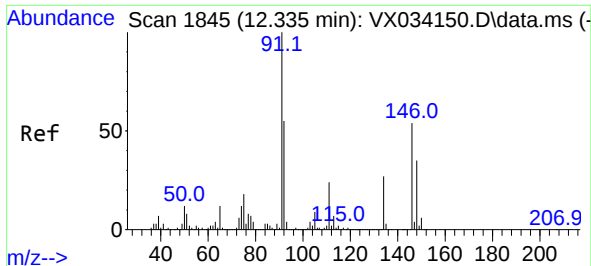


#88
1,4-Dichlorobenzene
Concen: 48.589 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



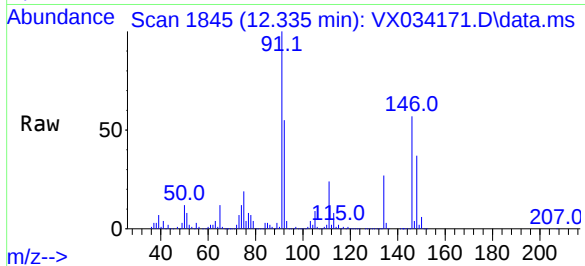
Tgt Ion:146 Resp: 450967
Ion Ratio Lower Upper
146 100
111 41.5 17.8 53.4
148 64.5 32.1 96.3





#89
n-Butylbenzene
Concen: 49.726 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

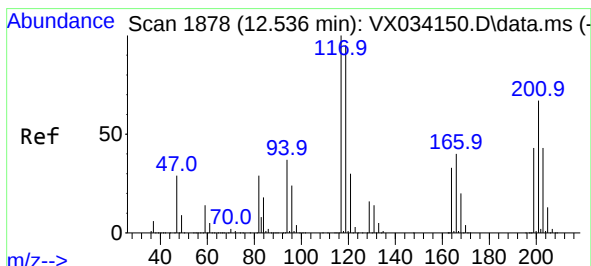
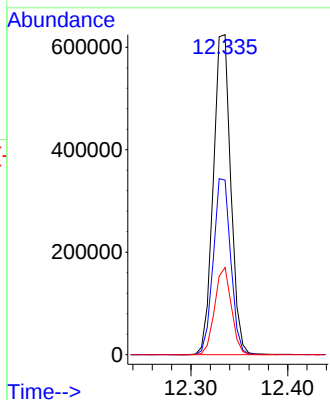
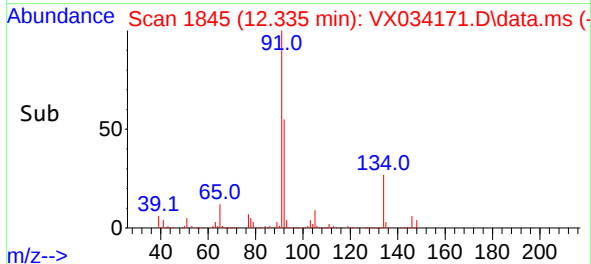
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



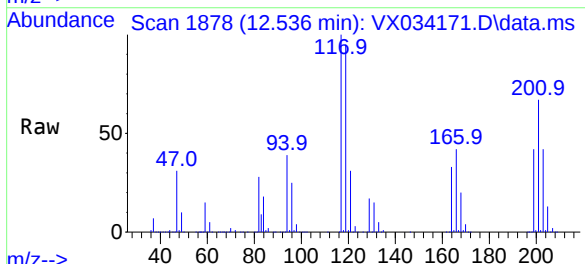
Tgt Ion: 91 Resp: 781448
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.5
134 26.1 14.3 42.9

Manual Integrations
APPROVED

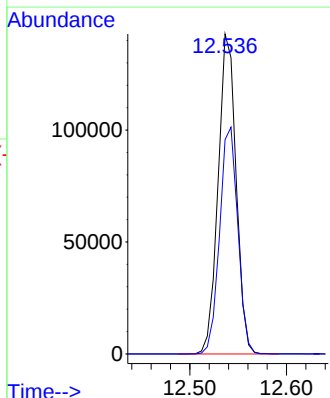
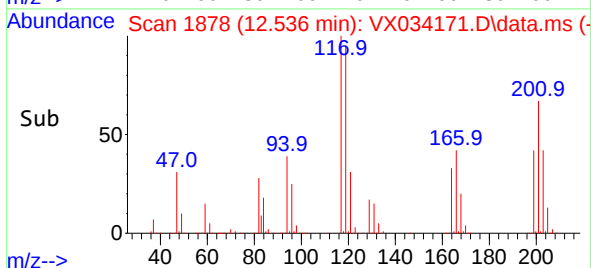
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

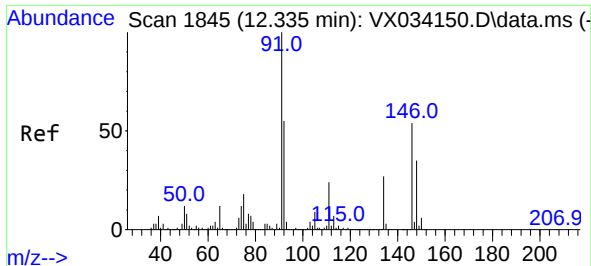


#90
Hexachloroethane
Concen: 49.890 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



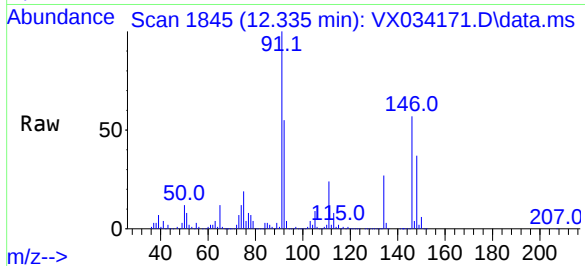
Tgt Ion:117 Resp: 184048
Ion Ratio Lower Upper
117 100
201 71.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 49.427 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

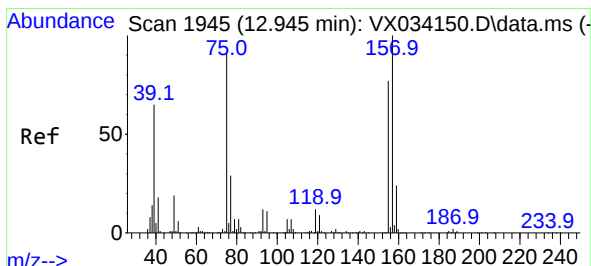
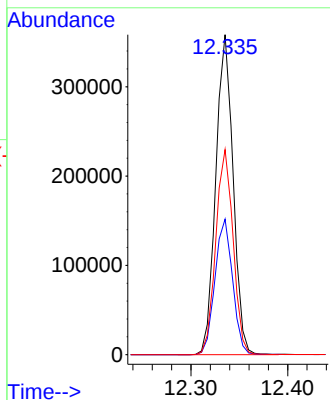
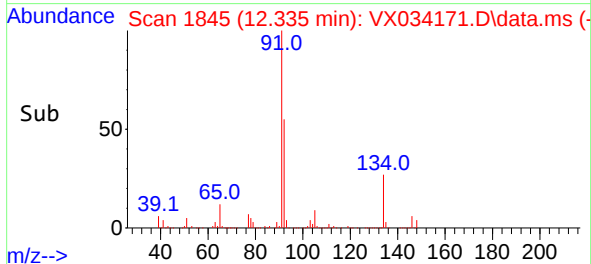
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



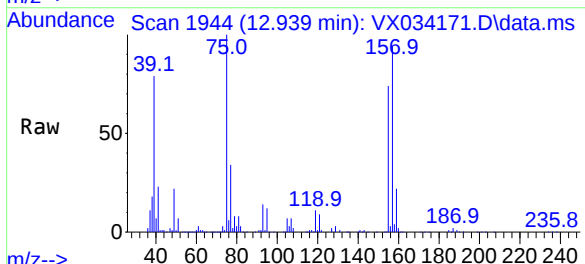
Tgt Ion:146 Resp: 445000
Ion Ratio Lower Upper
146 100
111 43.3 19.3 57.8
148 64.4 32.3 96.9

Manual Integrations
APPROVED

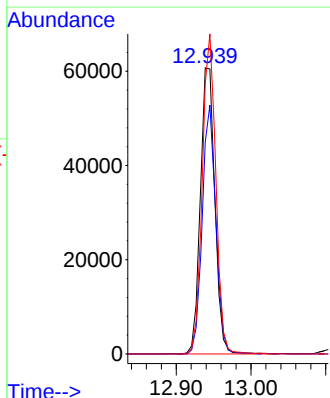
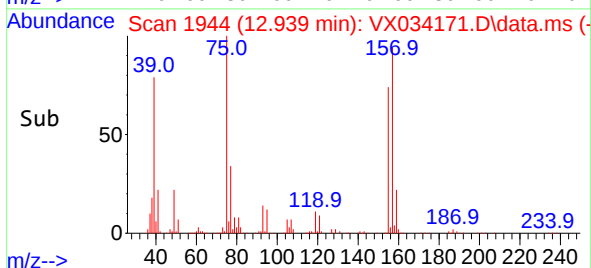
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

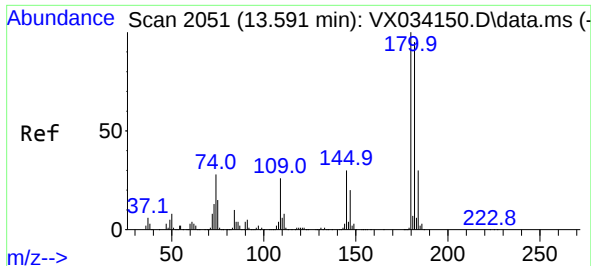


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.238 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion: 75 Resp: 81879
Ion Ratio Lower Upper
75 100
155 81.4 51.7 155.1
157 104.3 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 50.289 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

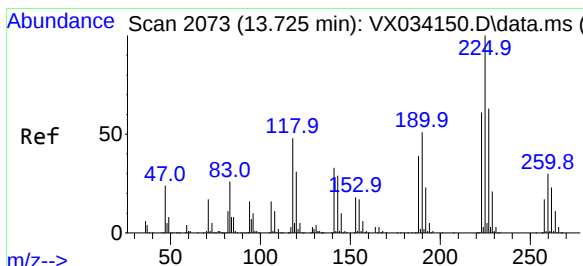
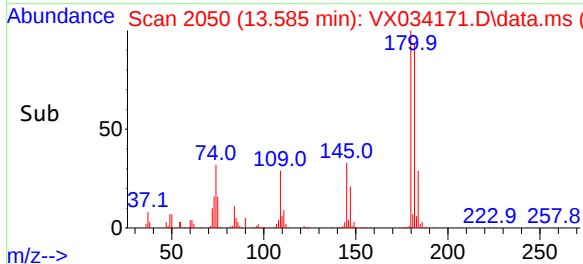
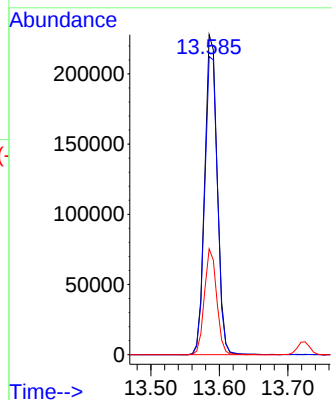
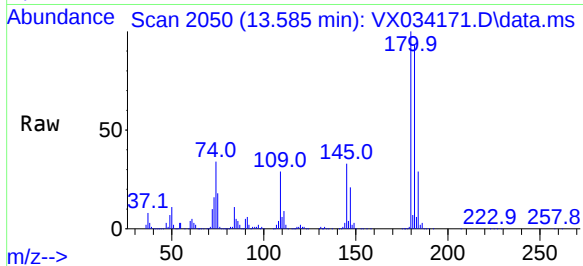
VSTDCCC050EC

Tgt Ion:180 Resp: 29067
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 32.3 14.1 42.2

Manual Integrations

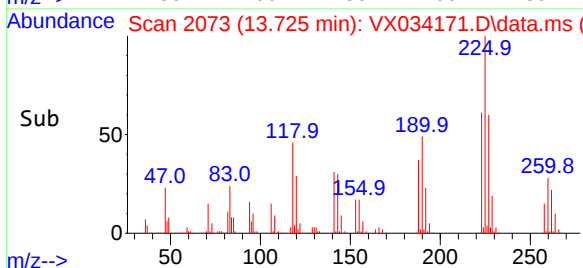
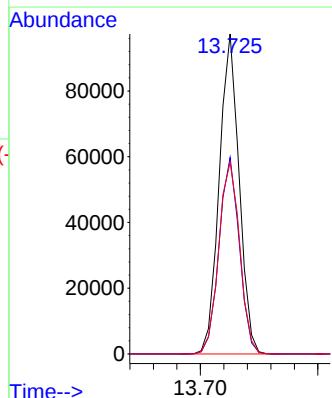
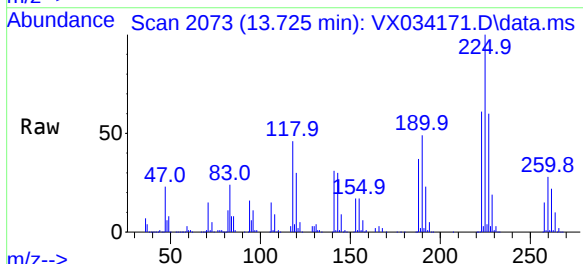
APPROVED

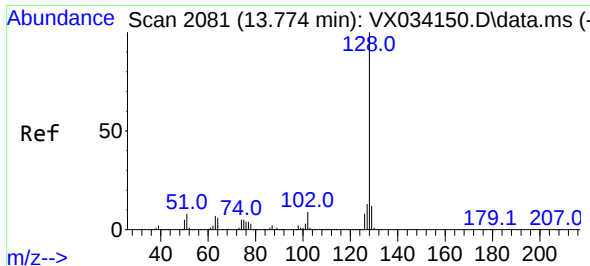
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#94
Hexachlorobutadiene
Concen: 47.693 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

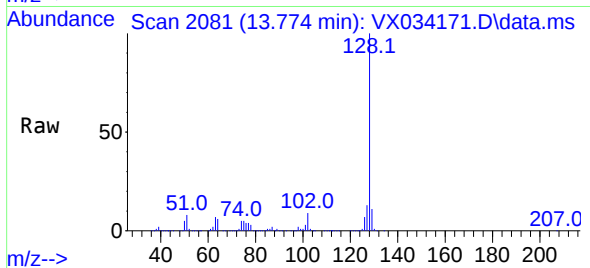
Tgt Ion:225 Resp: 114280
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.9
227 63.2 32.3 96.9





#95
Naphthalene
Concen: 50.446 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33

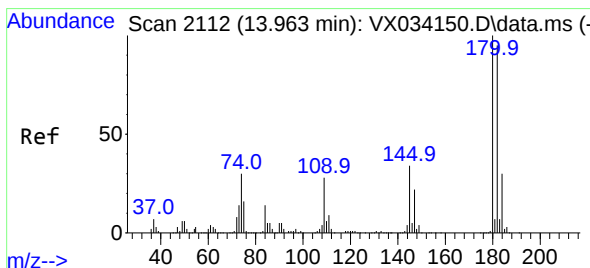
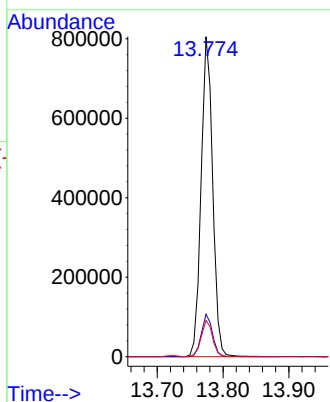
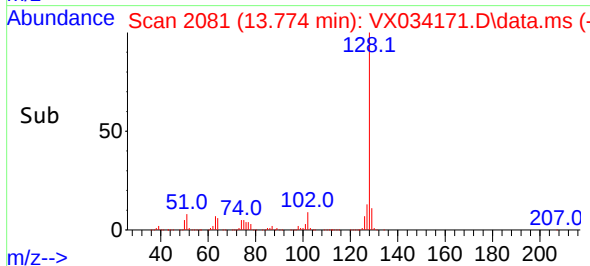
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



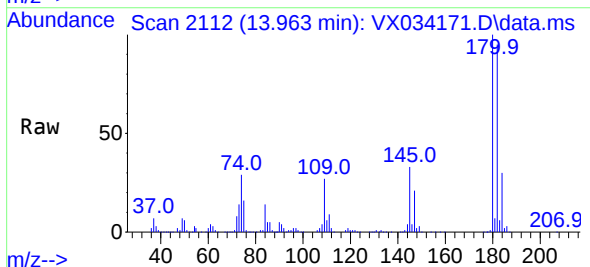
Tgt Ion:128 Resp: 98226
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.937 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034171.D
Acq: 17 Feb 2023 20:33



Tgt Ion:180 Resp: 286562
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 33.6 15.1 45.3

