

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034238.D
 Acq On : 23 Feb 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2023
 Supervised By : Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:37:49 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	5.544	168	321795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	521302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	467298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	204537	47.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.400%		
35) Dibromofluoromethane	5.379	113	174577	51.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.860%		
50) Toluene-d8	8.647	98	644552	52.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.780%		
62) 4-Bromofluorobenzene	11.079	95	255693	54.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	139573	50.194	ug/l	98
3) Chloromethane	1.301	50	196831	49.189	ug/l	99
4) Vinyl Chloride	1.374	62	197256	54.128	ug/l	99
5) Bromomethane	1.599	94	92606	69.621	ug/l	98
6) Chloroethane	1.685	64	110314	60.213	ug/l	100
7) Trichlorofluoromethane	1.886	101	290463	58.914	ug/l	97
8) Diethyl Ether	2.130	74	112402	56.590	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	167258	48.172	ug/l	95
10) Methyl Iodide	2.453	142	203938	48.240	ug/l	93
11) Tert butyl alcohol	2.953	59	210408	217.069	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	161362	46.361	ug/l	94
13) Acrolein	2.233	56	104299	235.718	ug/l	100
14) Allyl chloride	2.660	41	331752	44.934	ug/l	89
15) Acrylonitrile	3.056	53	523917	247.764	ug/l	99
16) Acetone	2.373	43	489531	218.971	ug/l	91
17) Carbon Disulfide	2.508	76	432492	43.219	ug/l	99
18) Methyl Acetate	2.697	43	342268	49.479	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	615989	50.145	ug/l	97
20) Methylene Chloride	2.788	84	188195	46.720	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	178299	48.887	ug/l	94
22) Diisopropyl ether	3.757	45	693134	53.550	ug/l	89
23) Vinyl Acetate	3.715	43	2701491	260.503	ug/l	100
24) 1,1-Dichloroethane	3.605	63	345965	48.688	ug/l	99
25) 2-Butanone	4.544	43	766337	236.910	ug/l	99
26) 2,2-Dichloropropane	4.471	77	296127	46.003	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	215938	49.999	ug/l	96
28) Bromochloromethane	4.897	49	159642	50.362	ug/l	87
29) Tetrahydrofuran	4.995	42	487274	246.932	ug/l	98
30) Chloroform	5.086	83	343829	50.391	ug/l	100
31) Cyclohexane	5.464	56	314121	48.547	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	298128	48.741	ug/l	98
36) 1,1-Dichloropropene	5.690	75	253425	50.486	ug/l	98
37) Ethyl Acetate	4.702	43	293301	52.282	ug/l	100
38) Carbon Tetrachloride	5.672	117	257741	49.898	ug/l	98
39) Methylcyclohexane	7.379	83	325894	50.450	ug/l	98
40) Benzene	6.031	78	769955	51.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	166113	53.146	ug/l	98
42) 1,2-Dichloroethane	6.080	62	268486	51.318	ug/l	100
43) Isopropyl Acetate	6.336	43	513768	51.897	ug/l	99
44) Trichloroethene	7.123	130	197665	51.780	ug/l	93
45) 1,2-Dichloropropane	7.427	63	205963	52.011	ug/l	97
46) Dibromomethane	7.580	93	138538	53.158	ug/l	87
47) Bromodichloromethane	7.818	83	275807	51.568	ug/l	99
48) Methyl methacrylate	7.690	41	240871	51.263	ug/l	98
49) 1,4-Dioxane	7.653	88	94194	1005.044	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	1504758	276.275	ug/l	99
52) Toluene	8.714	92	487845	54.124	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	328634	53.381	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	341485	51.813	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	201788	55.463	ug/l	98
56) Ethyl methacrylate	9.116	69	335502	54.511	ug/l	97
57) 1,3-Dichloropropane	9.305	76	343841	54.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	749060	280.951	ug/l	95
59) 2-Hexanone	9.427	43	1136604	273.822	ug/l	98
60) Dibromochloromethane	9.519	129	221751	55.162	ug/l	100
61) 1,2-Dibromoethane	9.610	107	213360	55.450	ug/l	98
64) Tetrachloroethene	9.275	164	168099	50.969	ug/l	95
65) Chlorobenzene	10.079	112	518323	53.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	196980	52.237	ug/l	98
67) Ethyl Benzene	10.189	91	935136	53.437	ug/l	97
68) m/p-Xylenes	10.299	106	725840	108.383	ug/l	95
69) o-Xylene	10.640	106	361666	54.246	ug/l	96
70) Styrene	10.652	104	609288	56.190	ug/l	96
71) Bromoform	10.799	173	168126	54.621	ug/l #	99
73) Isopropylbenzene	10.963	105	931614	50.672	ug/l	100
74) N-amyl acetate	10.841	43	471243	51.020	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	321435	51.117	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	265394m	43.721	ug/l	
77) Bromobenzene	11.195	156	226446	51.182	ug/l	83
78) n-propylbenzene	11.305	91	1113673	52.084	ug/l	98
79) 2-Chlorotoluene	11.366	91	666970	50.871	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	789321	51.065	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	114921	48.635	ug/l	91
82) 4-Chlorotoluene	11.451	91	774493	51.864	ug/l	96
83) tert-Butylbenzene	11.713	119	795843	50.271	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	803190	51.391	ug/l	97
85) sec-Butylbenzene	11.890	105	1001187	52.078	ug/l	98
86) p-Isopropyltoluene	12.006	119	843156	52.994	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	433507	52.245	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	438107	52.347	ug/l	97
89) n-Butylbenzene	12.329	91	757857	53.480	ug/l	98
90) Hexachloroethane	12.536	117	166163	49.950	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	422403	52.030	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	70453	46.984	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	272848	52.349	ug/l	98
94) Hexachlorobutadiene	13.725	225	109665	50.754	ug/l	99
95) Naphthalene	13.774	128	894430	50.941	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	267283	51.654	ug/l	98

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

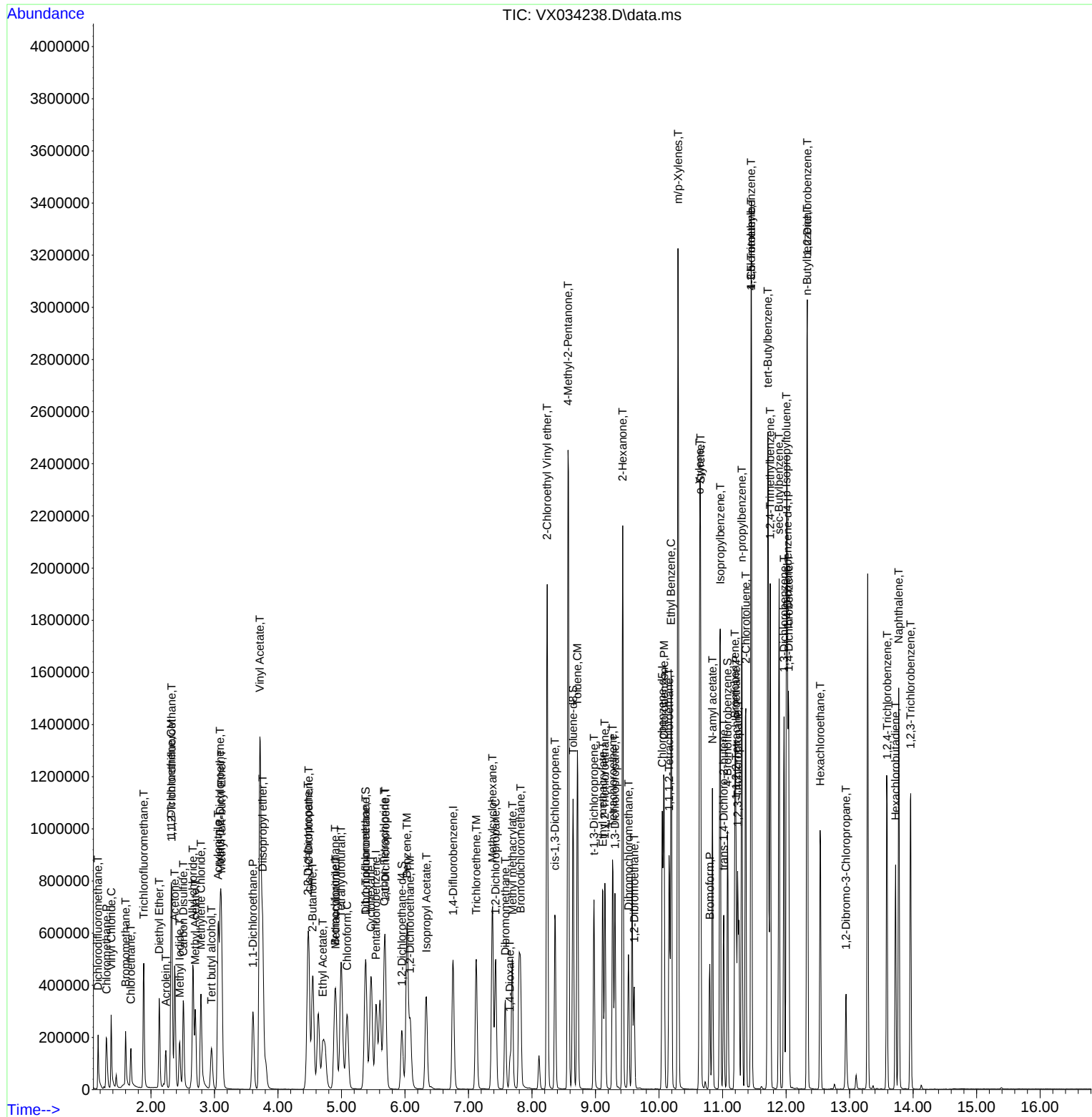
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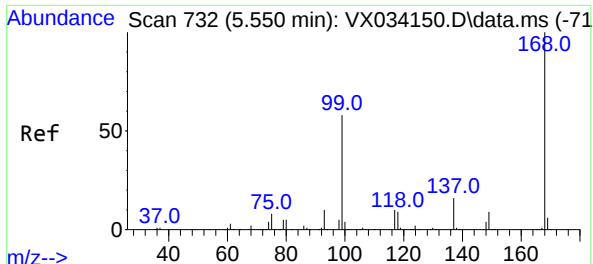
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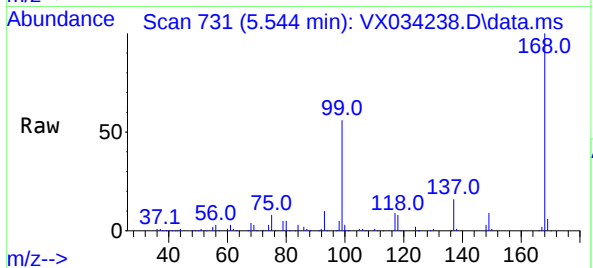
Reviewed By :John Carlone 02/24/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034238.D
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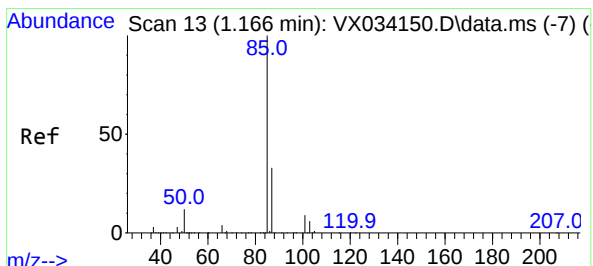
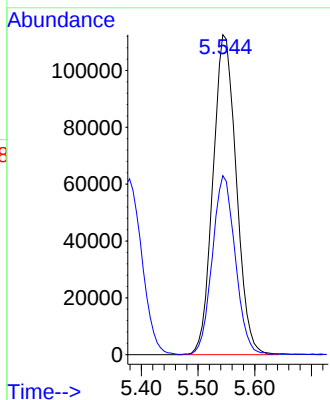
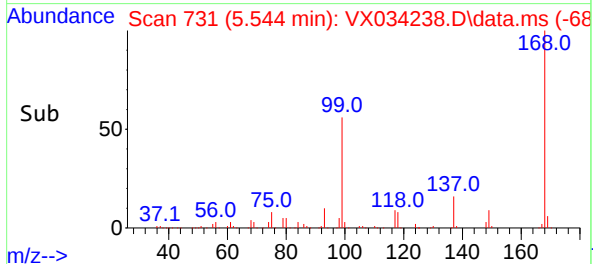
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 32179
Ion Ratio Lower Upper
168 100
99 55.8 39.6 59.4

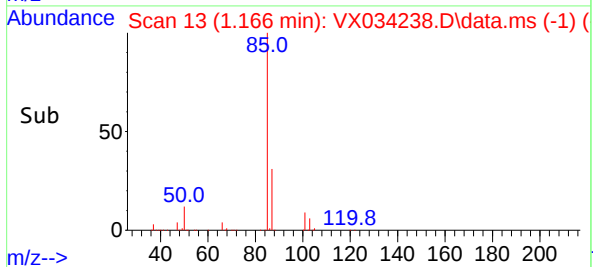
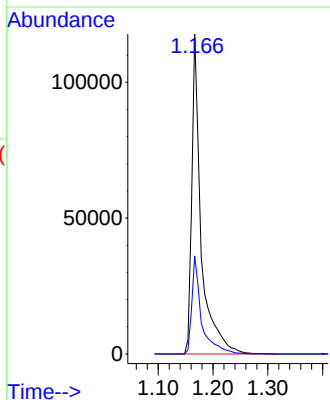
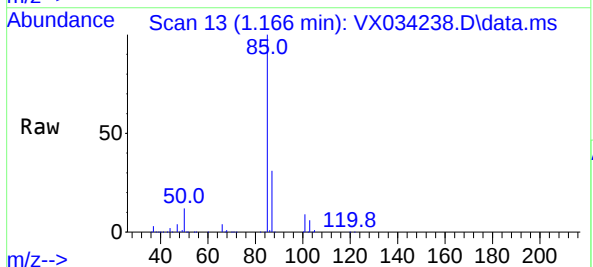
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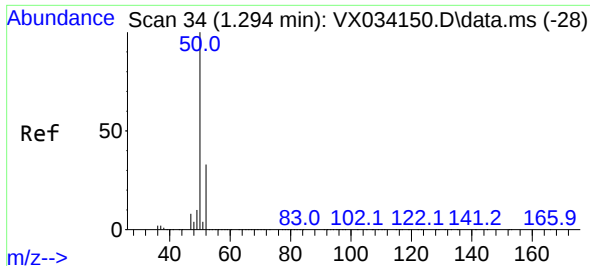
Reviewed By :John Carlone 02/24/2023
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#2
Dichlorodifluoromethane
Concen: 50.194 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 85 Resp: 139573
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.4





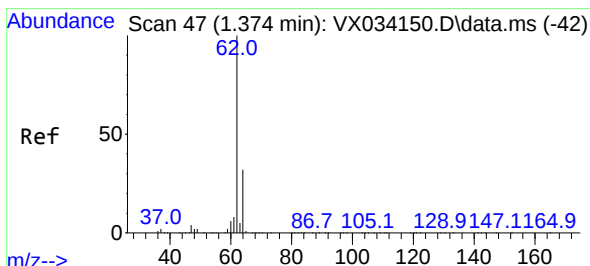
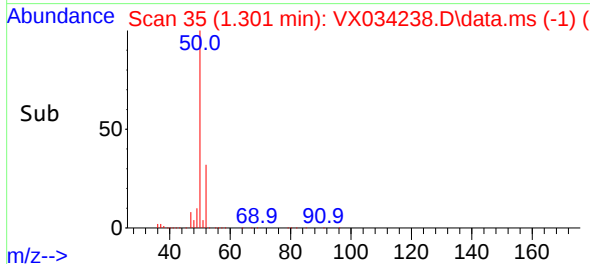
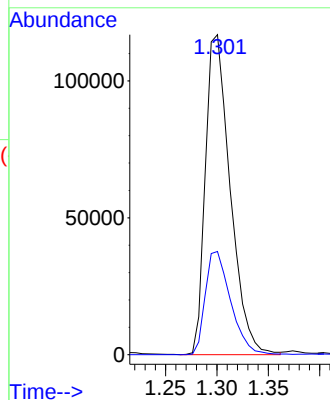
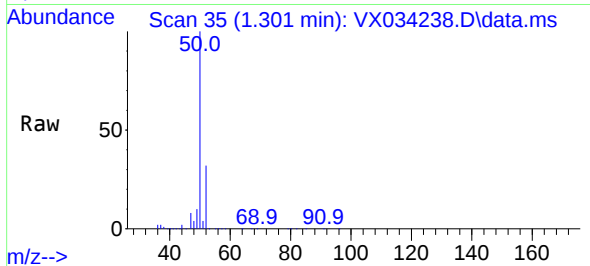
#3
Chloromethane
Concen: 49.189 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 19683
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8

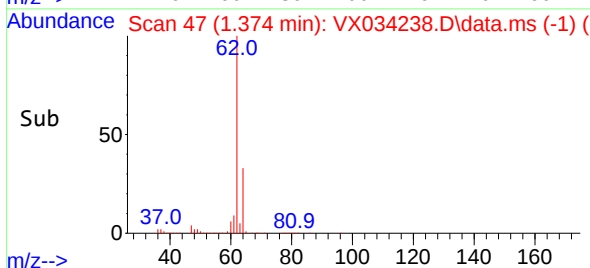
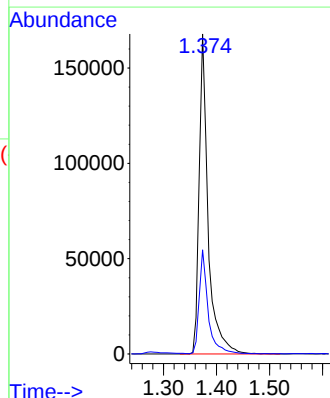
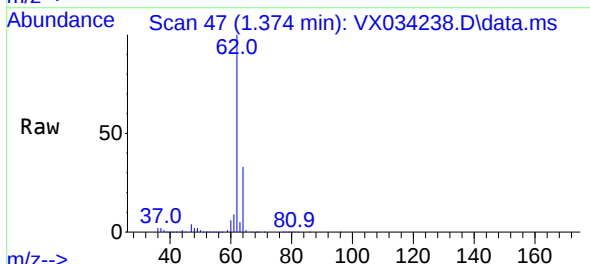
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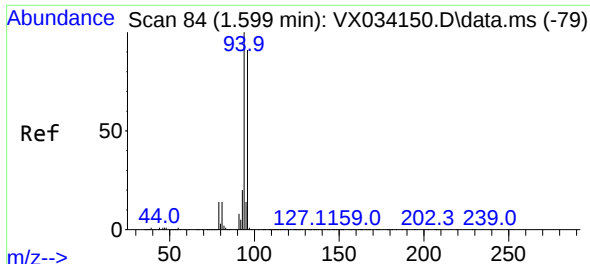
Reviewed By :John Carlone 02/24/2023
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#4
Vinyl Chloride
Concen: 54.128 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

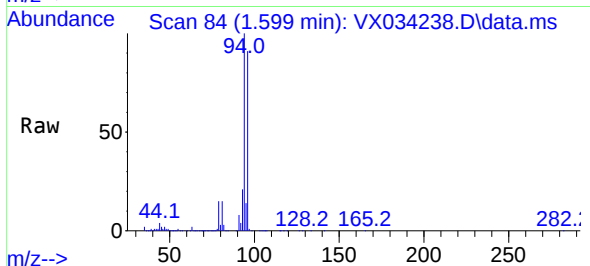
Tgt Ion: 62 Resp: 197256
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4





#5
Bromomethane
Concen: 69.621 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034238.D
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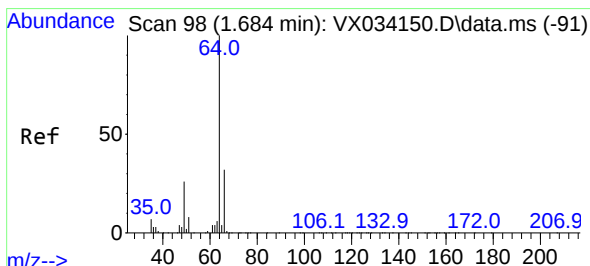
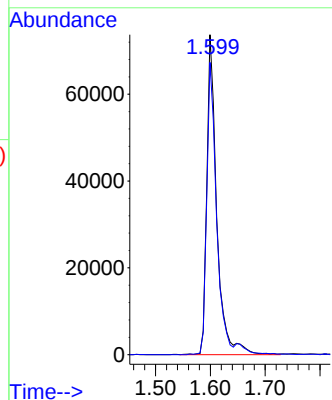
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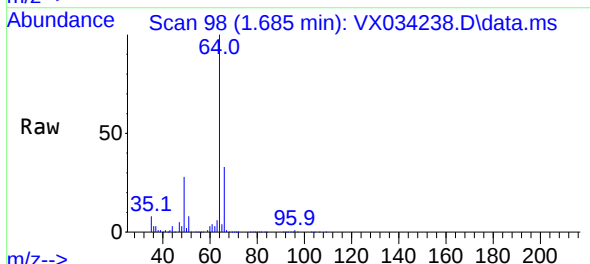
Tgt Ion: 94 Resp: 92600
Ion Ratio Lower Upper
94 100
96 91.4 74.3 111.5

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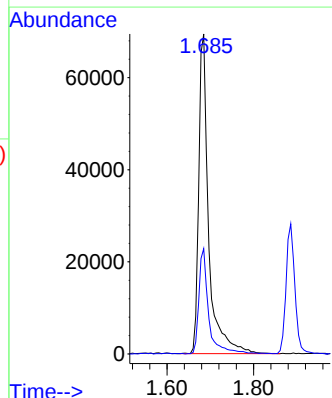
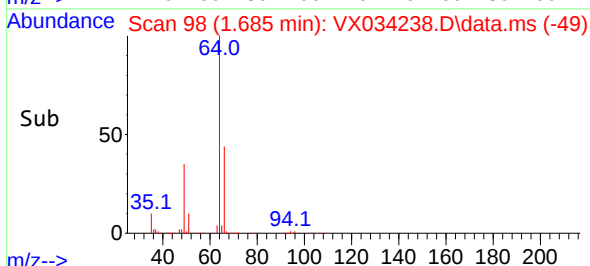
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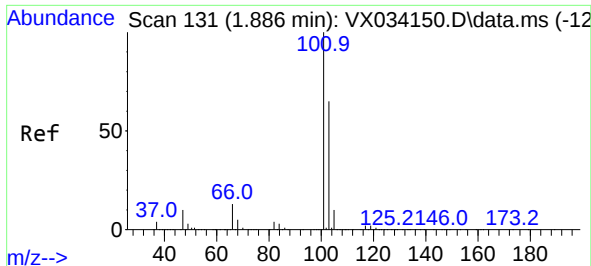


#6
Chloroethane
Concen: 60.213 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



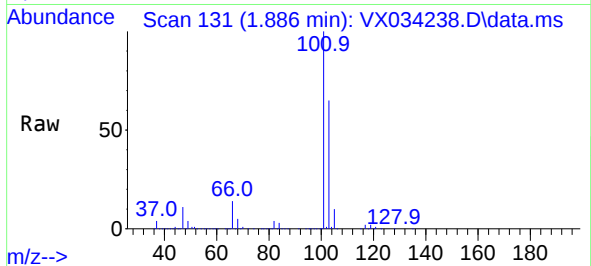
Tgt Ion: 64 Resp: 110314
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 58.914 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

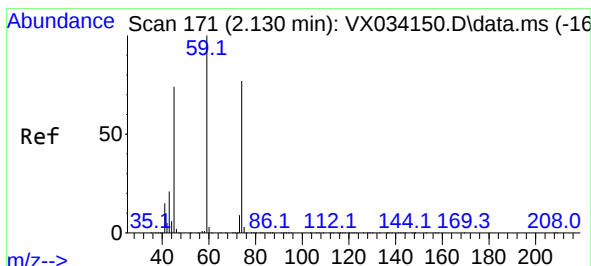
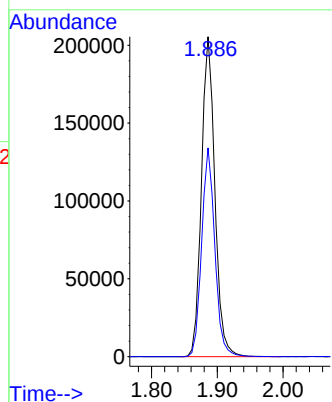
Instrument :
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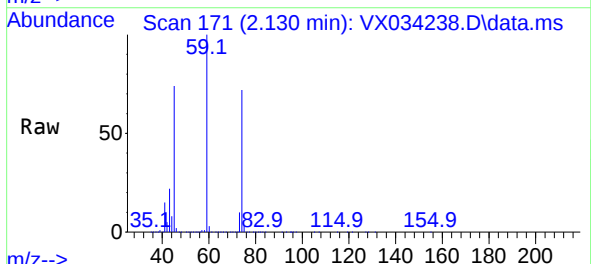
Tgt Ion:101 Resp: 29046
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

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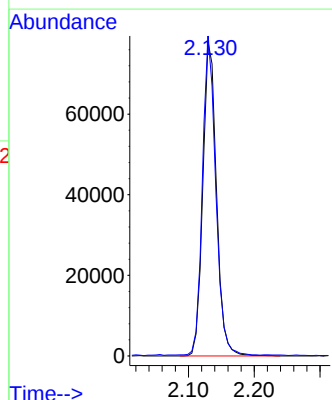
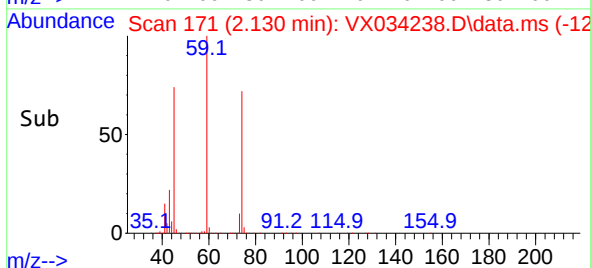
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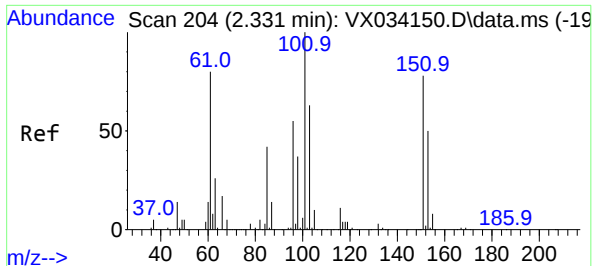


#8
Diethyl Ether
Concen: 56.590 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034238.D
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Tgt Ion: 74 Resp: 112402
Ion Ratio Lower Upper
74 100
45 99.5 51.5 154.5





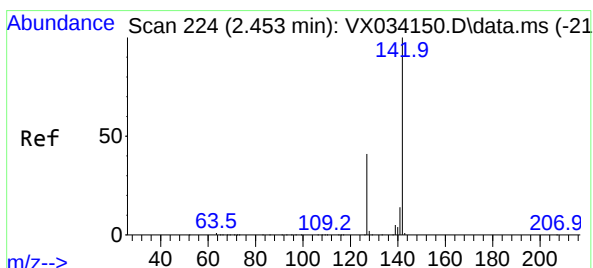
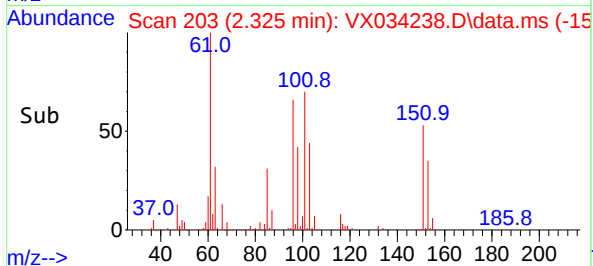
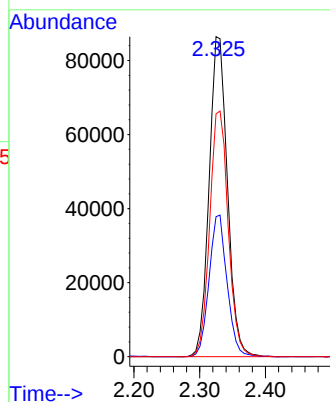
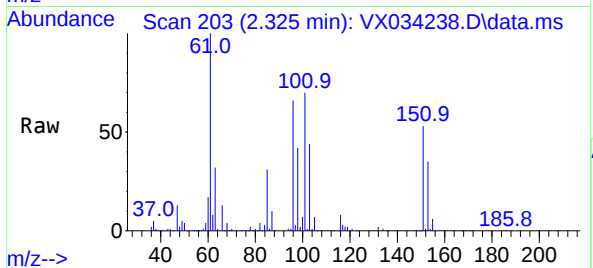
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.172 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 167258
Ion Ratio Lower Upper
101 100
85 43.6 36.7 55.1
151 77.8 66.5 99.7

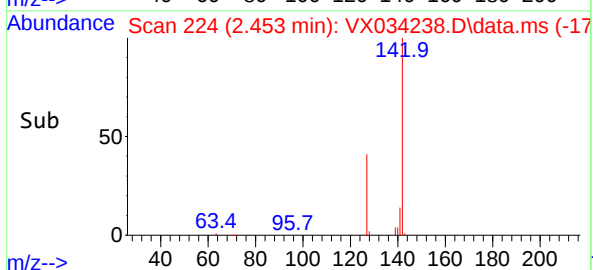
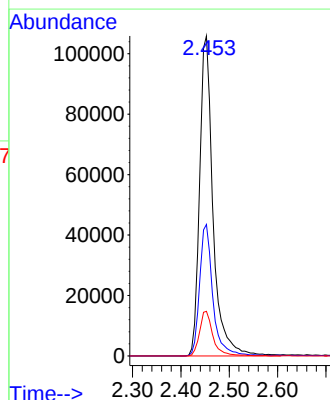
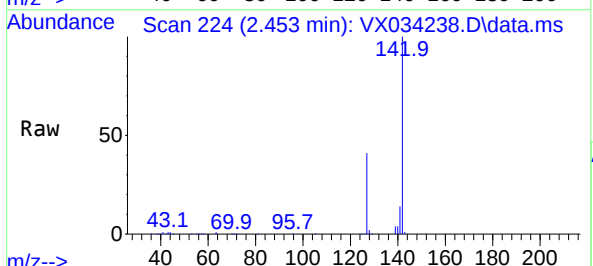
Manual Integrations
APPROVED

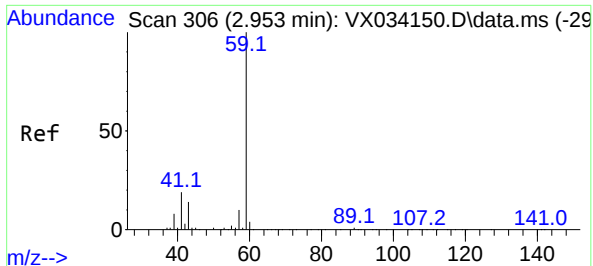
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#10
Methyl Iodide
Concen: 48.240 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

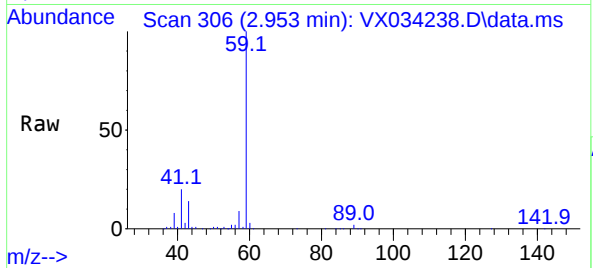
Tgt Ion:142 Resp: 203938
Ion Ratio Lower Upper
142 100
127 40.7 37.3 55.9
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 217.069 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

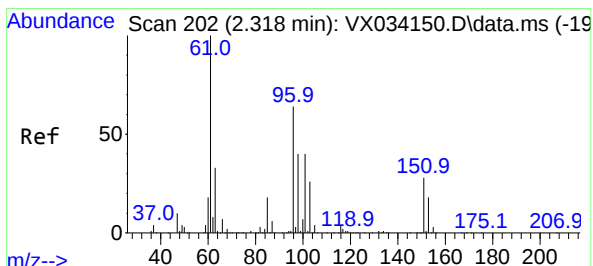
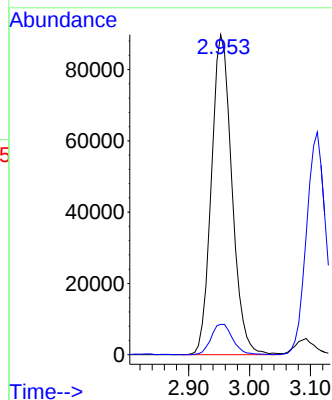
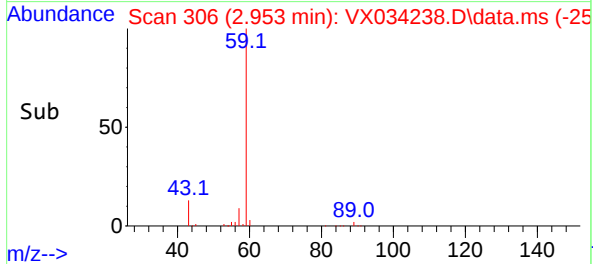
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



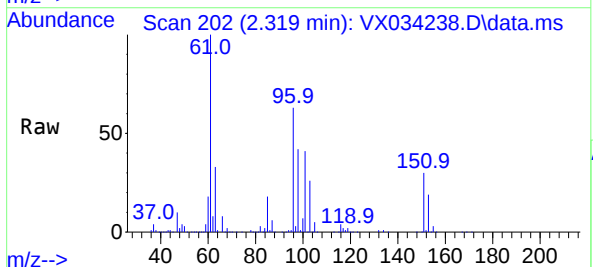
Tgt Ion: 59 Resp: 210408
Ion Ratio Lower Upper
59 100
57 10.0 3.7 5.5

Manual Integrations
APPROVED

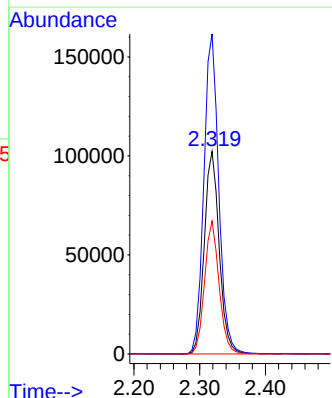
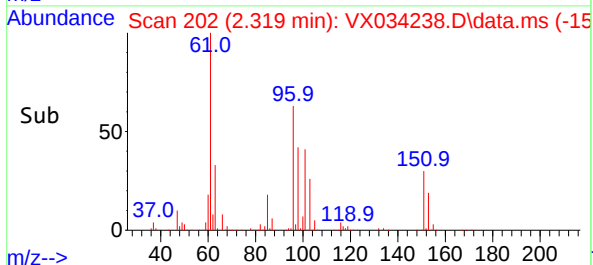
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

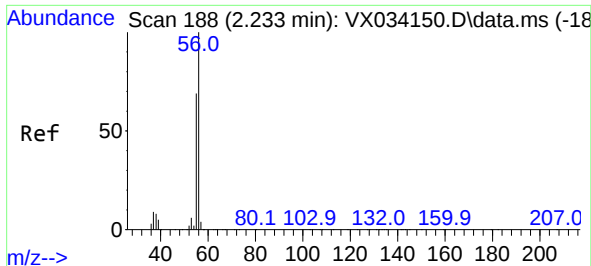


#12
1,1-Dichloroethene
Concen: 46.361 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



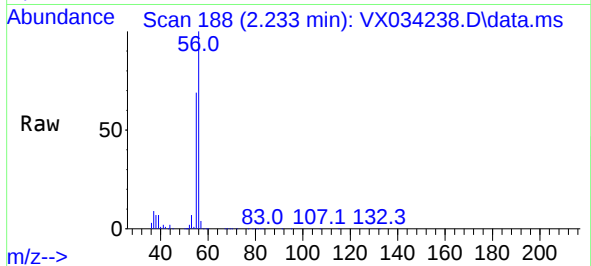
Tgt Ion: 96 Resp: 161362
Ion Ratio Lower Upper
96 100
61 157.9 134.2 201.4
98 65.6 50.2 75.2





#13
Acrolein
Concen: 235.718 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

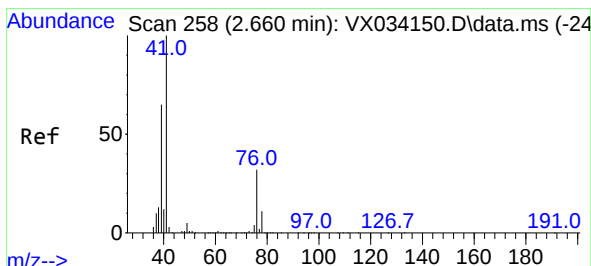
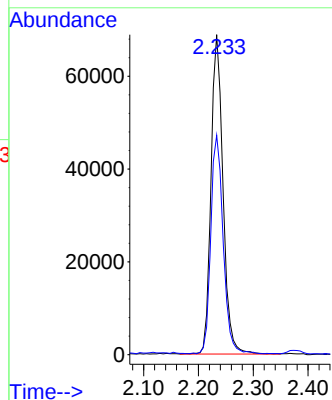
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 104299
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5

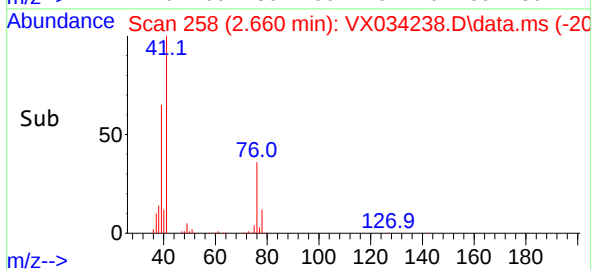
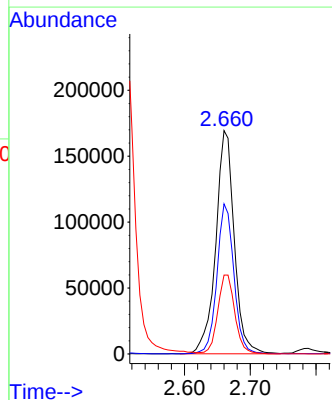
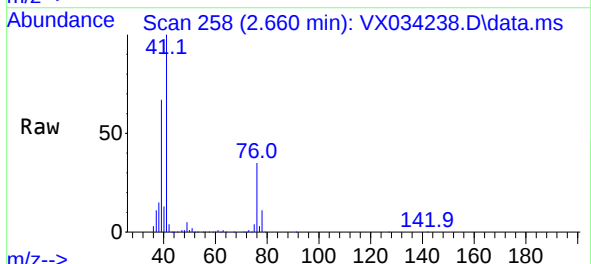
Manual Integrations
APPROVED

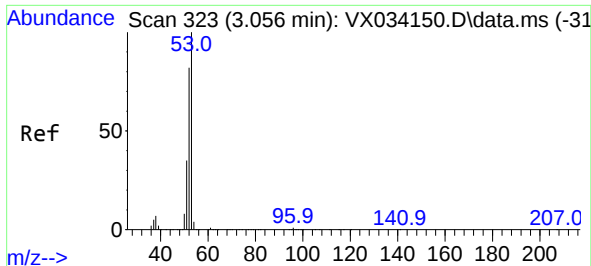
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#14
Allyl chloride
Concen: 44.934 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

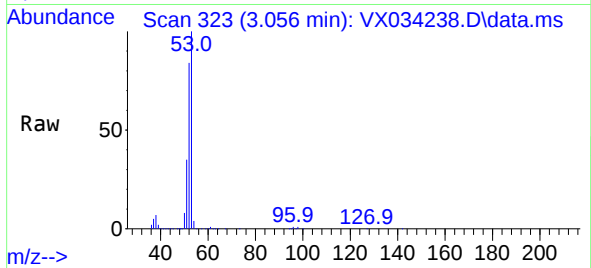
Tgt Ion: 41 Resp: 331752
Ion Ratio Lower Upper
41 100
39 61.6 59.0 88.4
76 32.6 24.6 37.0





#15
Acrylonitrile
Concen: 247.764 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

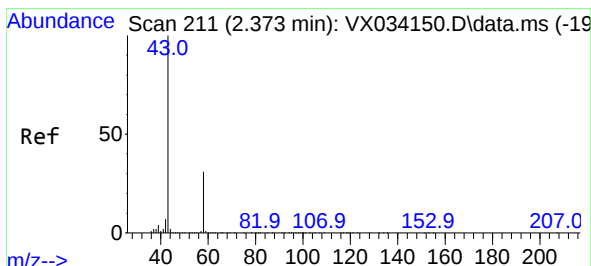
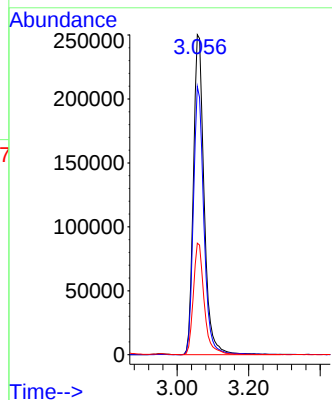
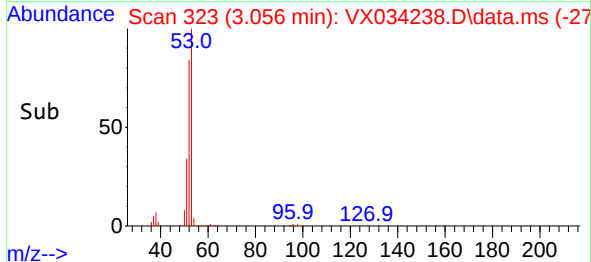
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



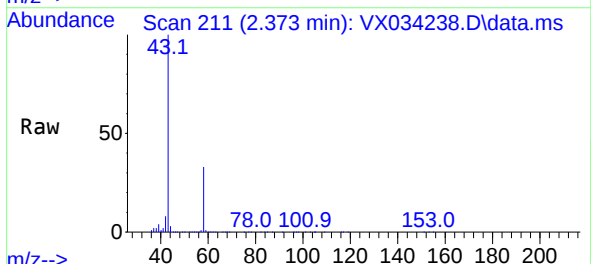
Tgt Ion: 53 Resp: 52391
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 35.2 29.0 43.4

Manual Integrations
APPROVED

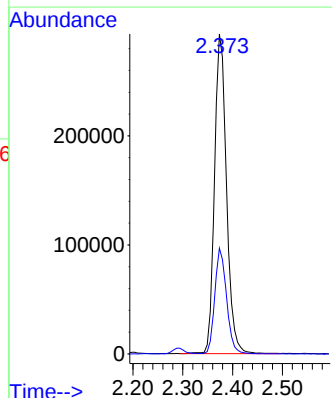
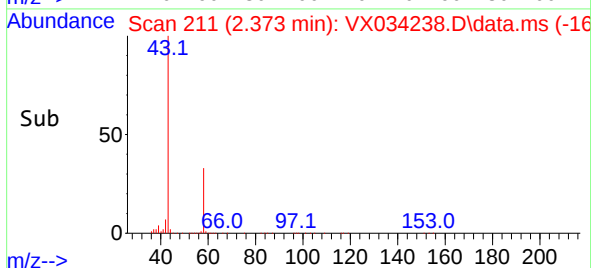
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

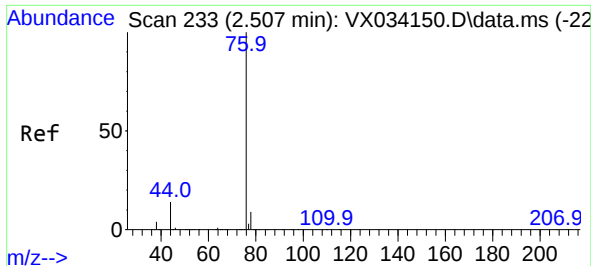


#16
Acetone
Concen: 218.971 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



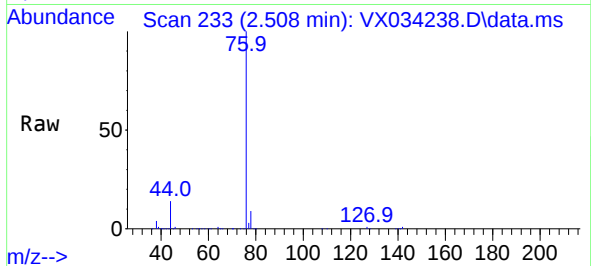
Tgt Ion: 43 Resp: 489531
Ion Ratio Lower Upper
43 100
58 33.0 22.6 33.8





#17
Carbon Disulfide
Concen: 43.219 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

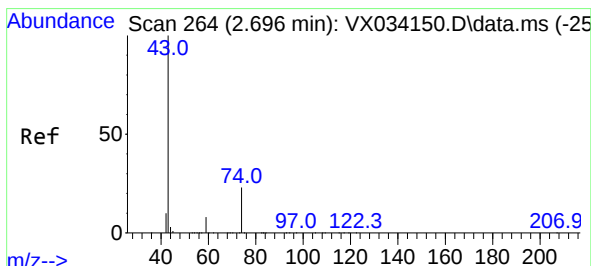
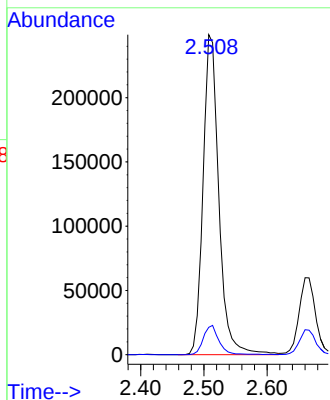
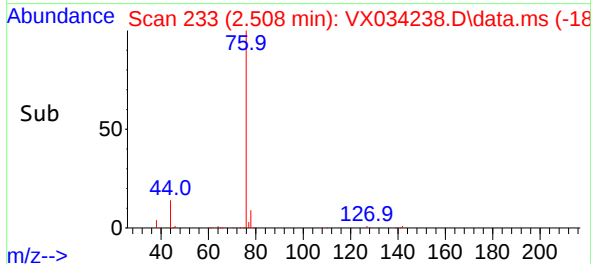
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



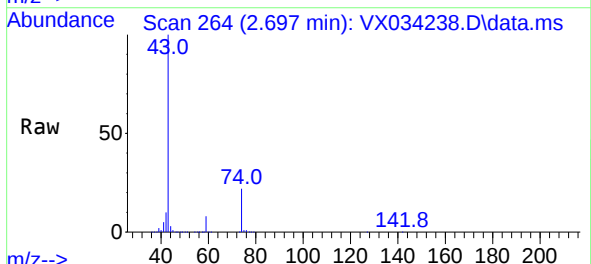
Tgt Ion: 76 Resp: 432492
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

Manual Integrations
APPROVED

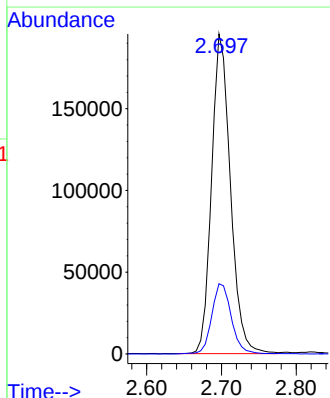
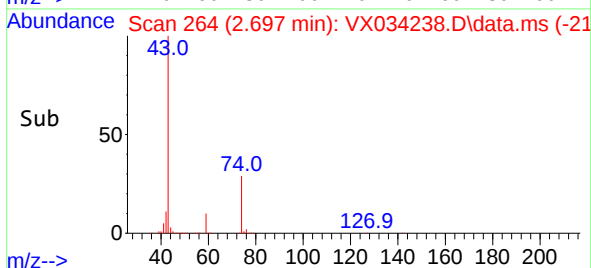
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

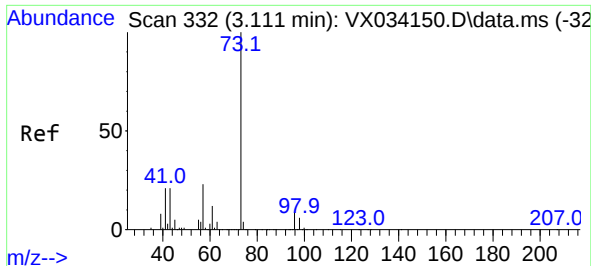


#18
Methyl Acetate
Concen: 49.479 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



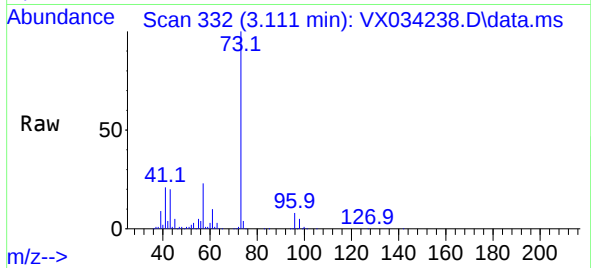
Tgt Ion: 43 Resp: 342268
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 50.145 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

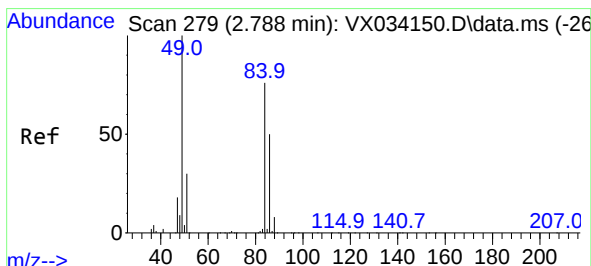
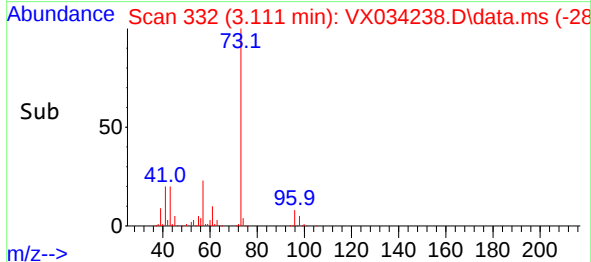
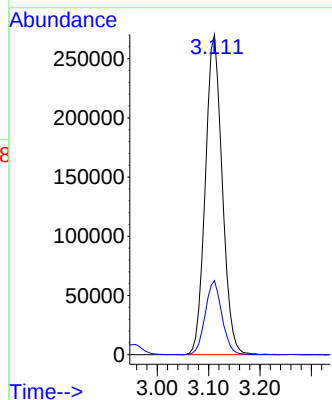
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 615989
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0

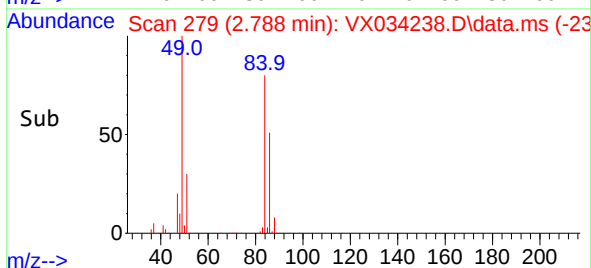
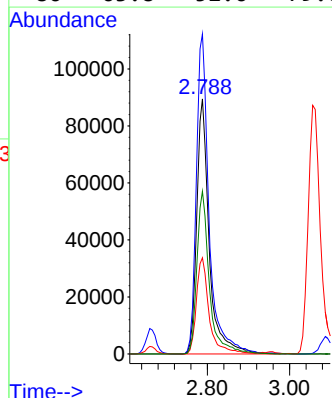
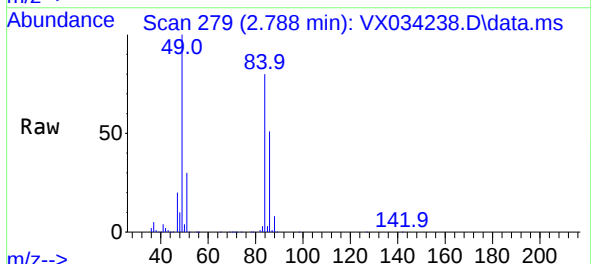
Manual Integrations
APPROVED

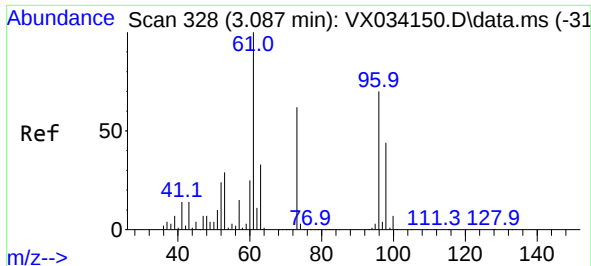
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#20
Methylene Chloride
Concen: 46.720 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

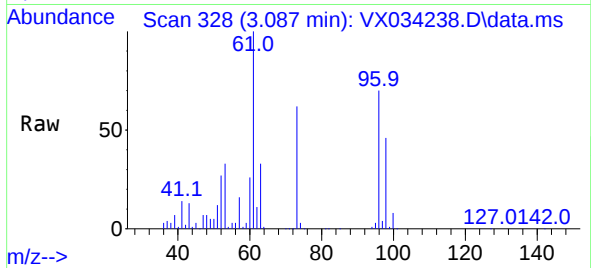
Tgt Ion: 84 Resp: 188195
Ion Ratio Lower Upper
84 100
49 125.4 101.1 151.7
51 37.7 31.0 46.6
86 63.8 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 48.887 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

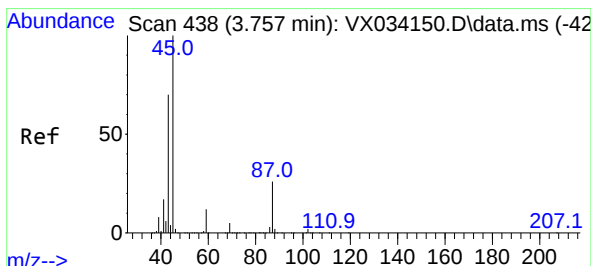
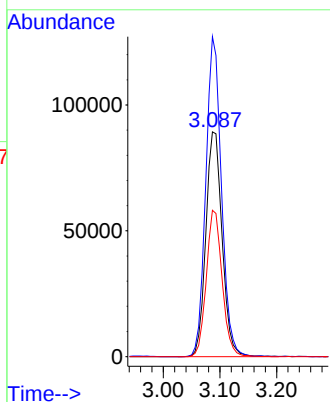
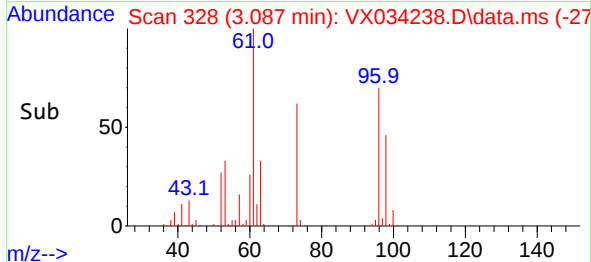
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



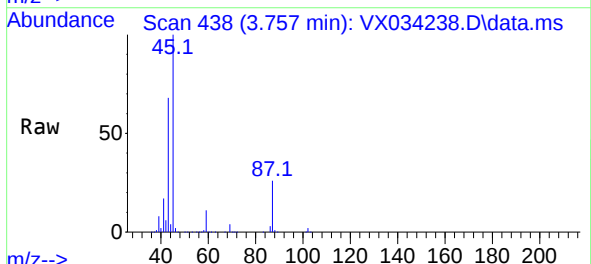
Tgt Ion: 96 Resp: 17829
Ion Ratio Lower Upper
96 100
61 142.4 106.7 160.1
98 65.2 50.0 75.0

Manual Integrations
APPROVED

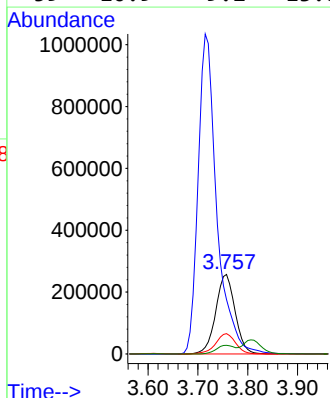
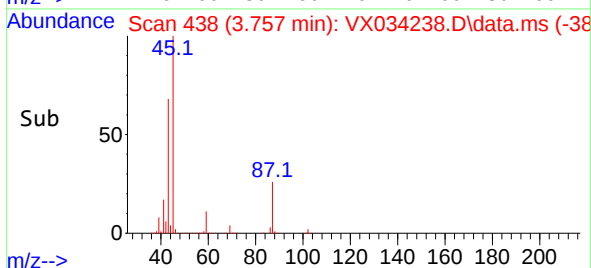
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

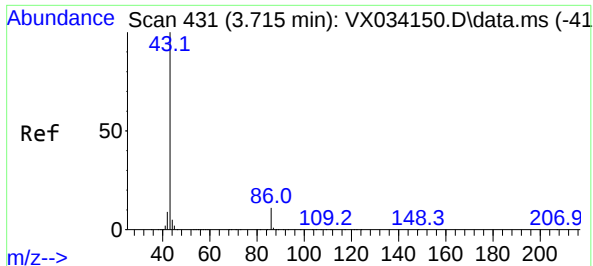


#22
Diisopropyl ether
Concen: 53.550 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



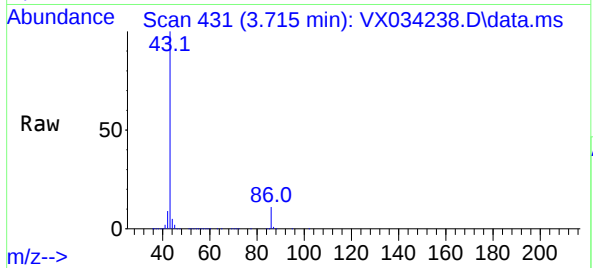
Tgt Ion: 45 Resp: 693134
Ion Ratio Lower Upper
45 100
43 68.2 64.6 97.0
87 25.5 21.9 32.9
59 10.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 260.503 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034238.D
 Acq: 23 Feb 2023 10:26

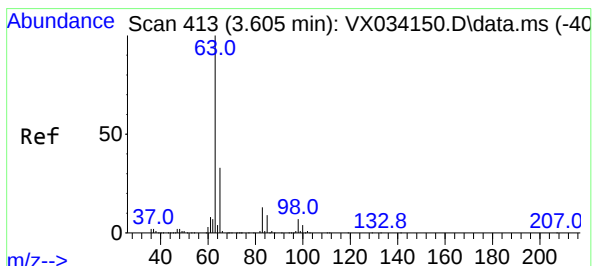
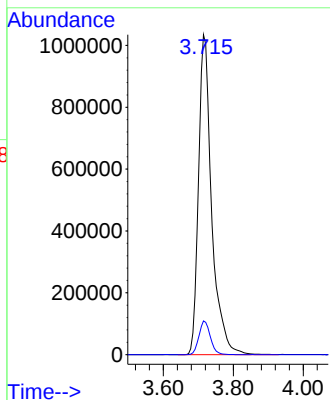
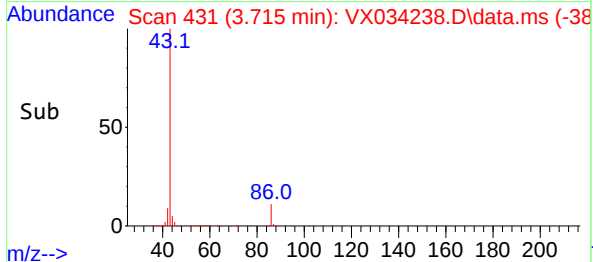
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



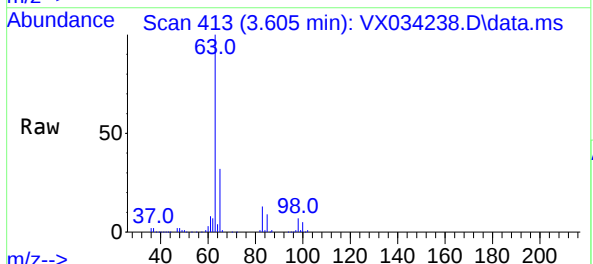
Tgt Ion: 43 Resp: 270149
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

Manual Integrations
 APPROVED

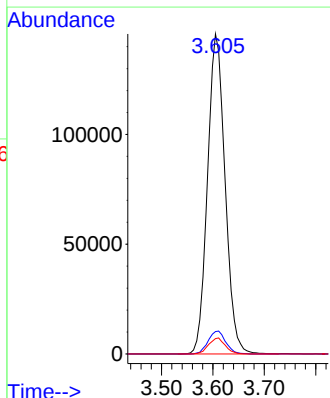
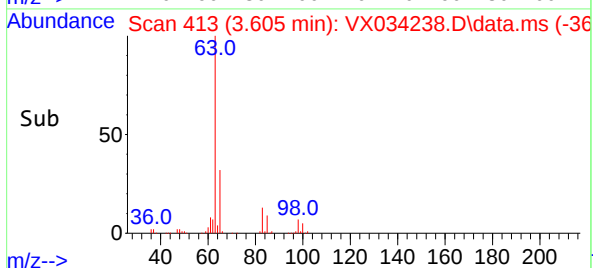
Reviewed By :John Carlone 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

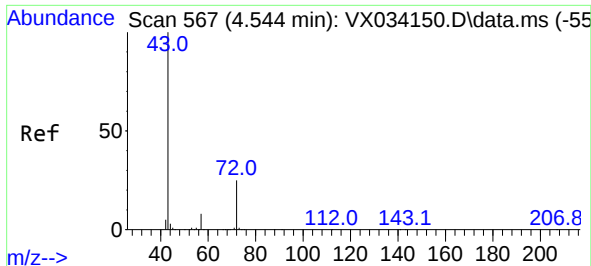


#24
 1,1-Dichloroethane
 Concen: 48.688 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034238.D
 Acq: 23 Feb 2023 10:26



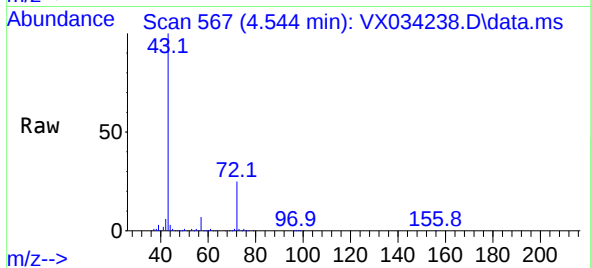
Tgt Ion: 63 Resp: 345965
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 236.910 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

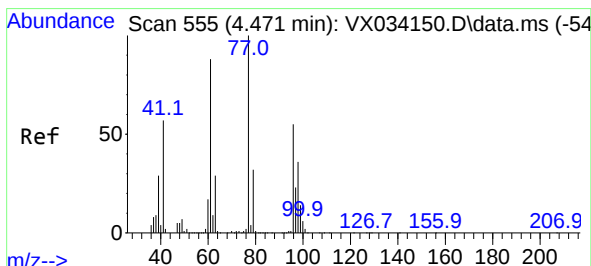
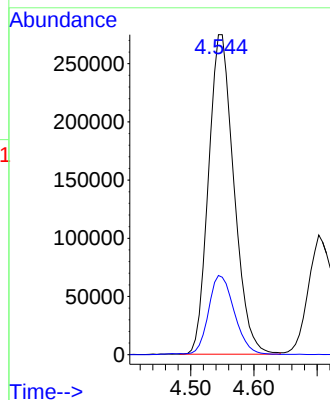
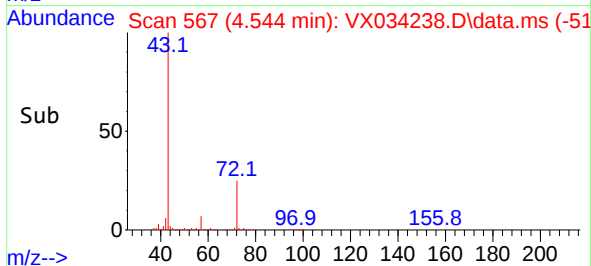
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



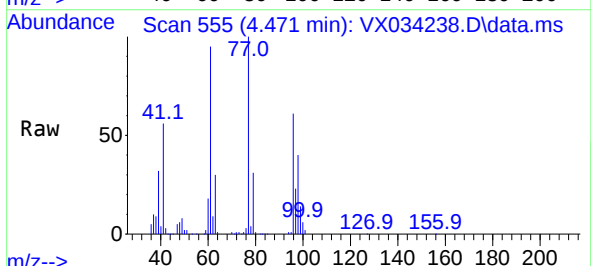
Tgt Ion: 43 Resp: 76633
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2

Manual Integrations
APPROVED

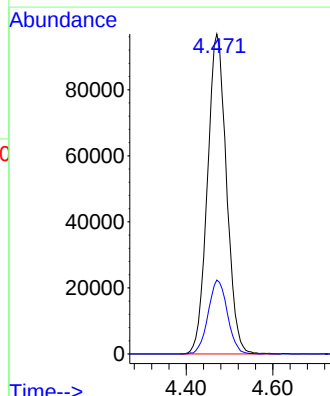
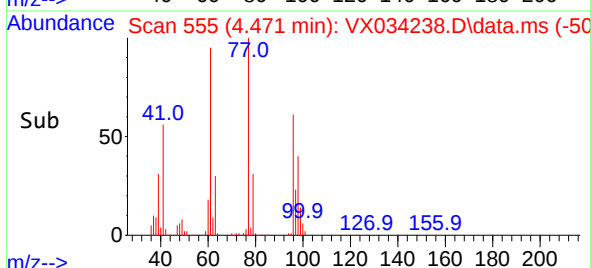
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

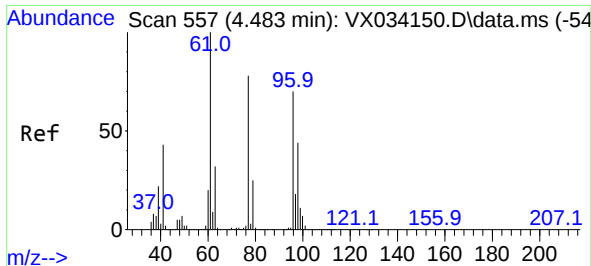


#26
2,2-Dichloropropane
Concen: 46.003 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



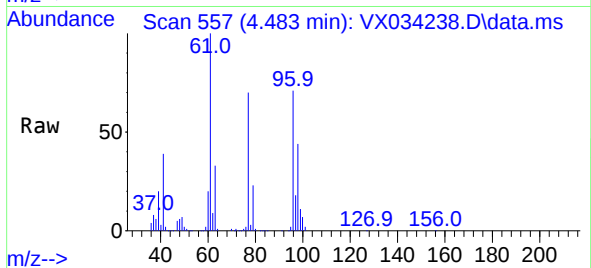
Tgt Ion: 77 Resp: 296127
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 49.999 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

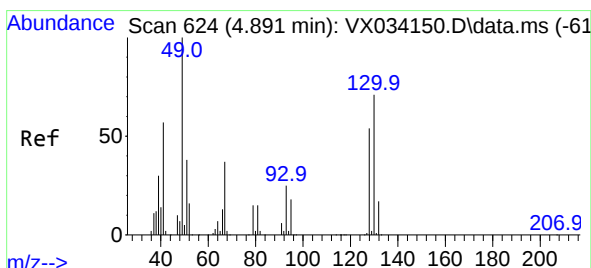
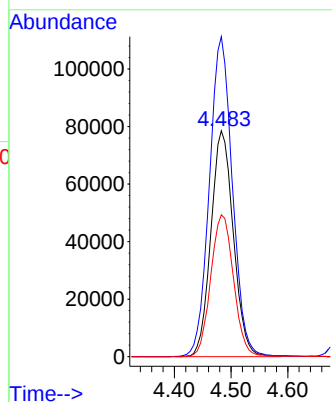
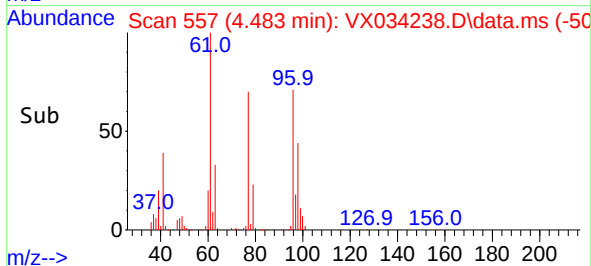
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



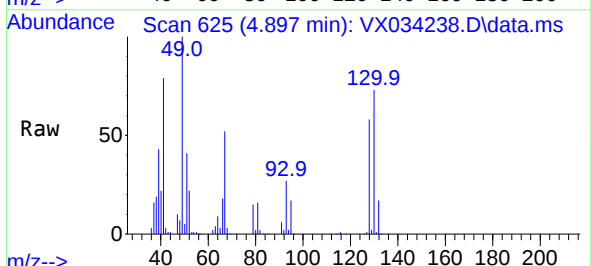
Tgt Ion: 96 Resp: 215938
Ion Ratio Lower Upper
96 100
61 145.3 0.0 277.6
98 64.0 0.0 128.0

Manual Integrations
APPROVED

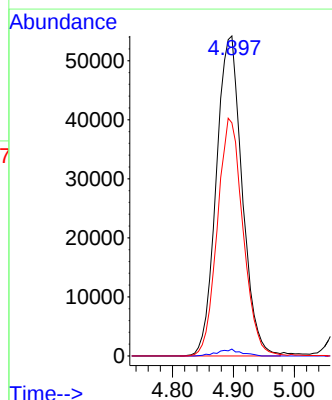
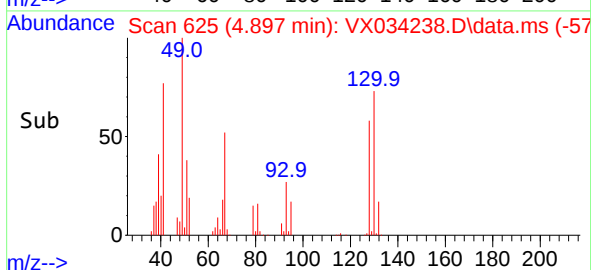
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

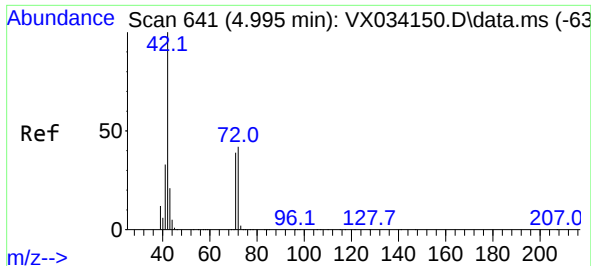


#28
Bromochloromethane
Concen: 50.362 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 49 Resp: 159642
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 73.7 68.5 102.7





#29

Tetrahydrofuran

Concen: 246.932 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034238.D

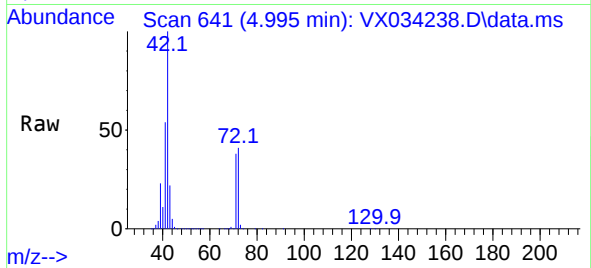
Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 487274

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

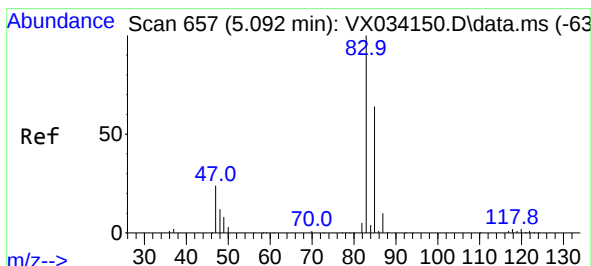
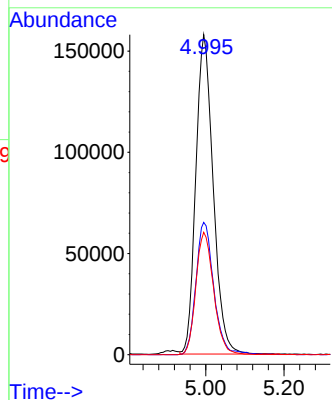
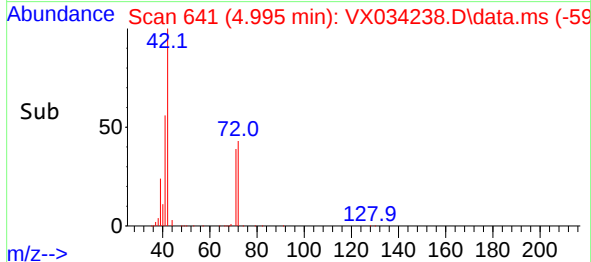
71 39.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#30

Chloroform

Concen: 50.391 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034238.D

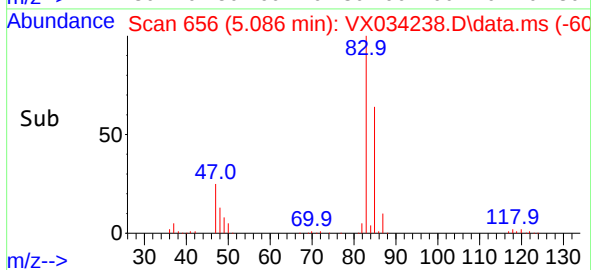
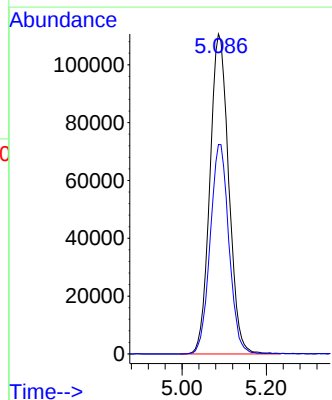
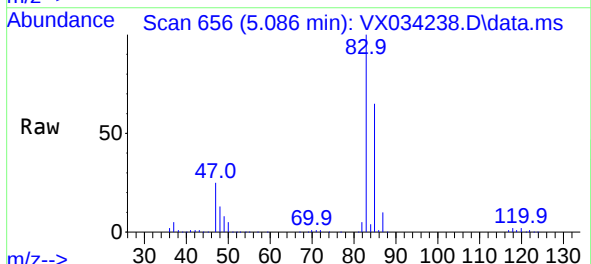
Acq: 23 Feb 2023 10:26

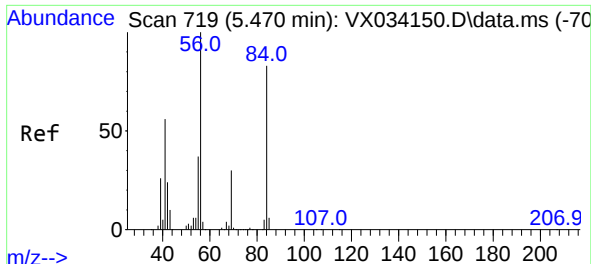
Tgt Ion: 83 Resp: 343829

Ion Ratio Lower Upper

83 100

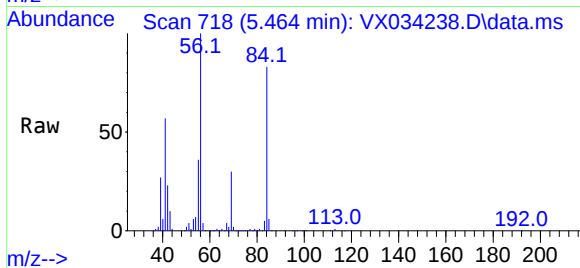
85 65.5 52.1 78.1





#31
Cyclohexane
Concen: 48.547 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

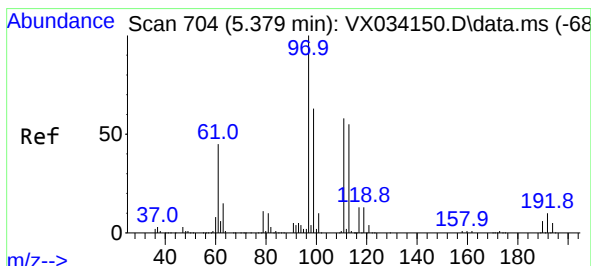
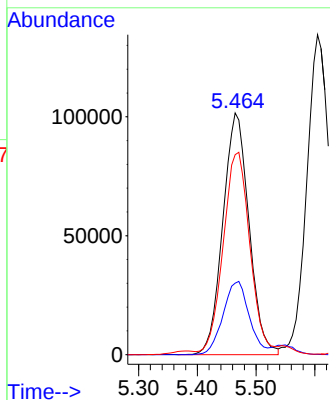
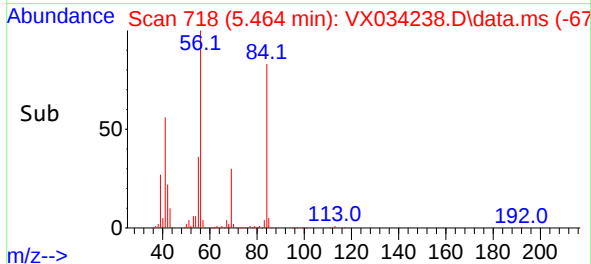
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



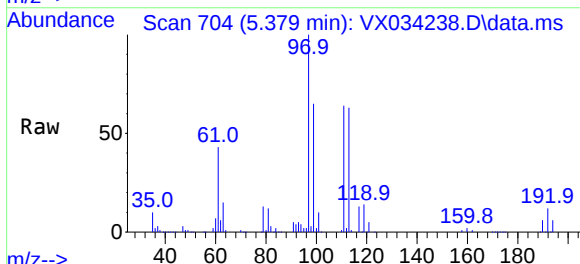
Tgt Ion: 56 Resp: 31412
Ion Ratio Lower Upper
56 100
69 29.6 24.6 37.0
84 81.4 71.0 106.6

Manual Integrations
APPROVED

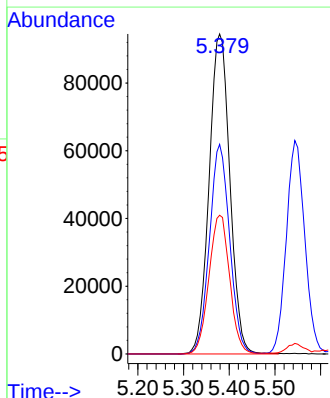
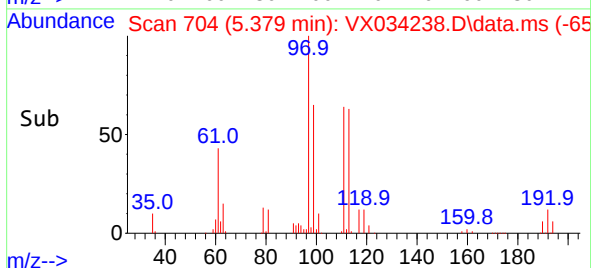
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

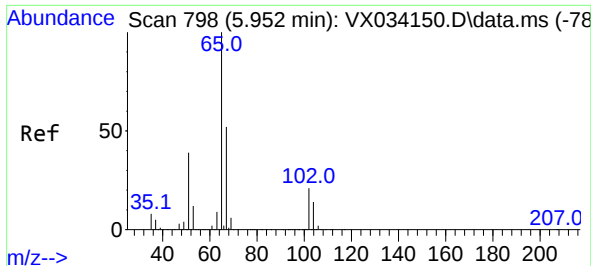


#32
1,1,1-Trichloroethane
Concen: 48.741 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 97 Resp: 298128
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 43.4 35.2 52.8





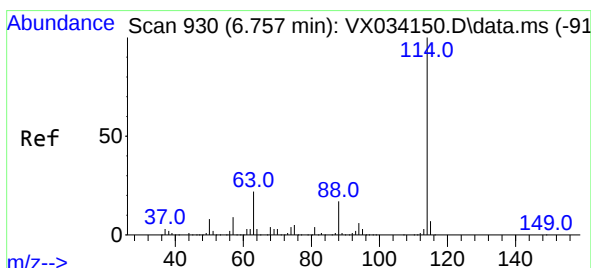
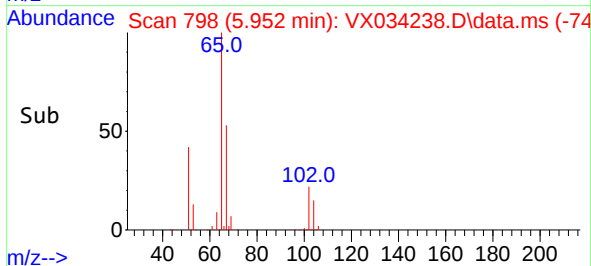
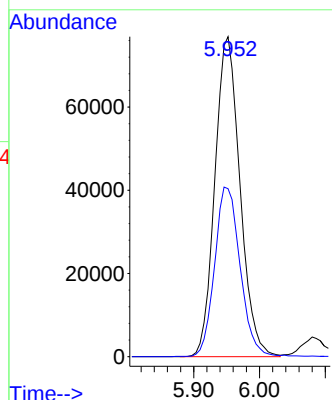
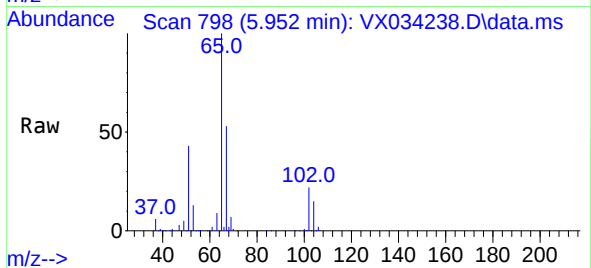
#33
1,2-Dichloroethane-d4
Concen: 47.196 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 20453
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8

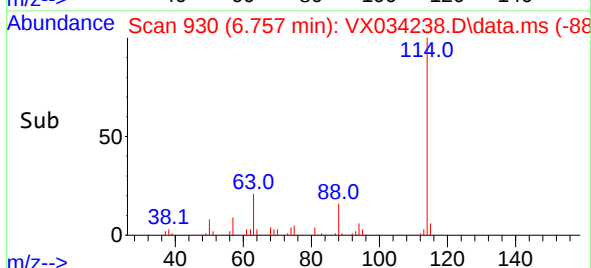
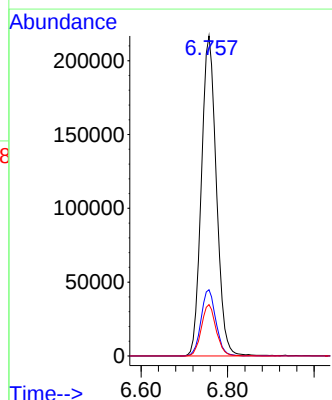
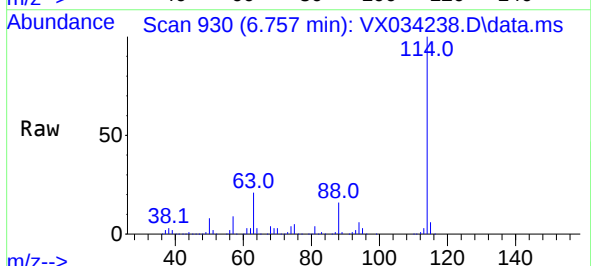
Manual Integrations
APPROVED

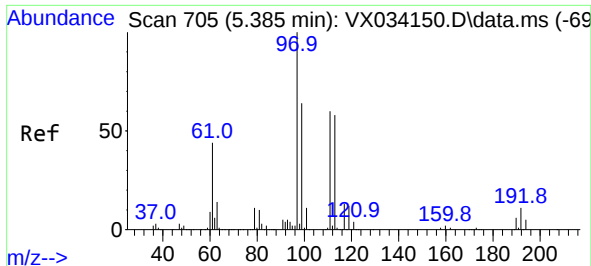
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

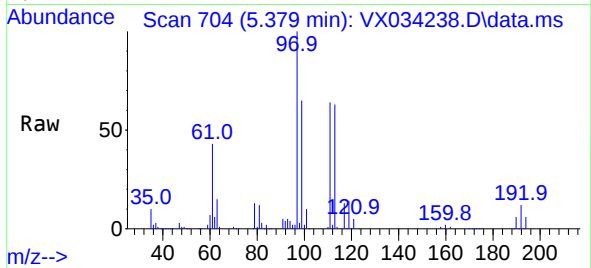
Tgt Ion:114 Resp: 521302
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.434 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

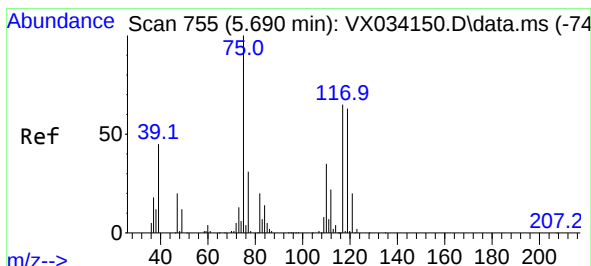
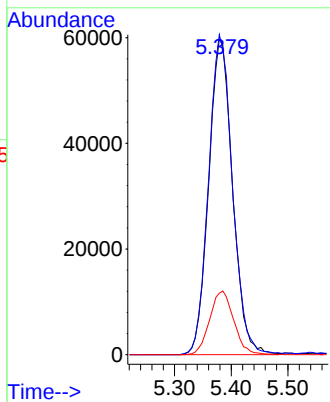
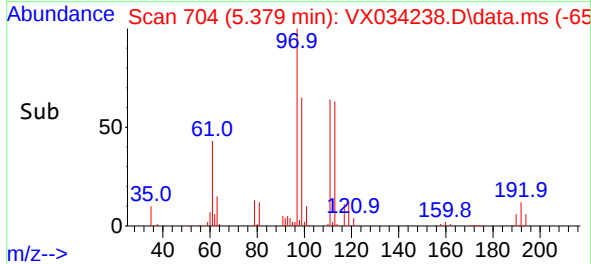
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 17457
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 20.3 19.0 28.4

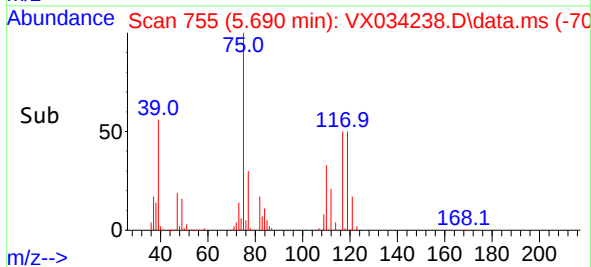
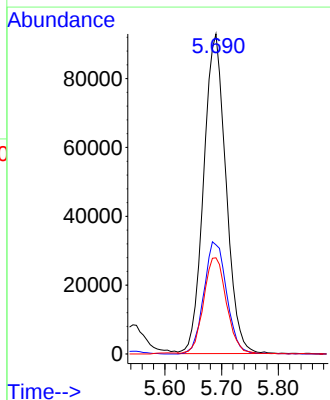
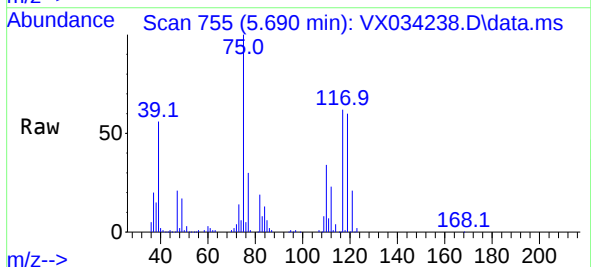
Manual Integrations
APPROVED

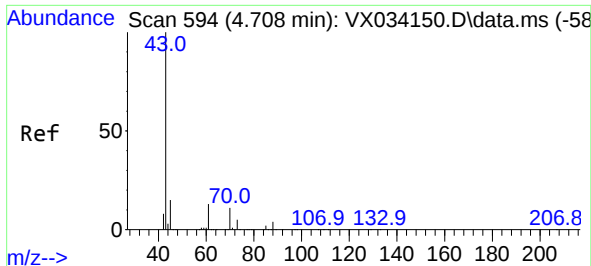
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#36
1,1-Dichloropropene
Concen: 50.486 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Tgt Ion: 75 Resp: 253425
Ion Ratio Lower Upper
75 100
110 36.0 18.8 56.4
77 31.1 25.1 37.7





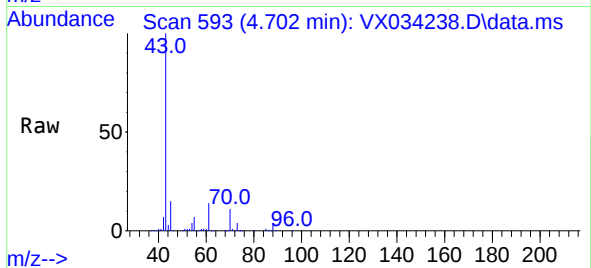
#37
Ethyl Acetate
Concen: 52.282 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



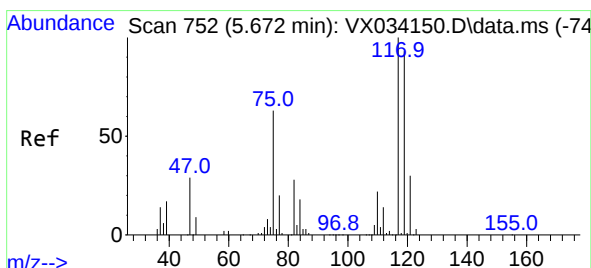
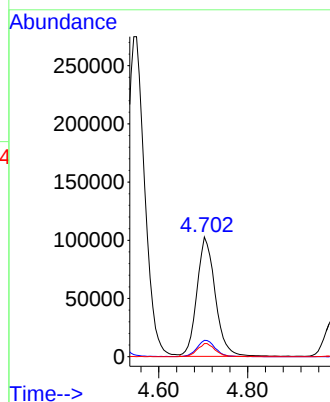
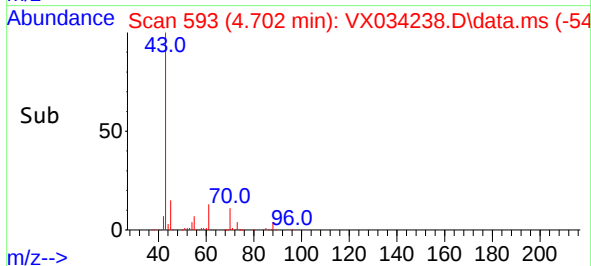
Tgt Ion: 43 Resp: 29330
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.7 8.5 12.7

Manual Integrations

APPROVED

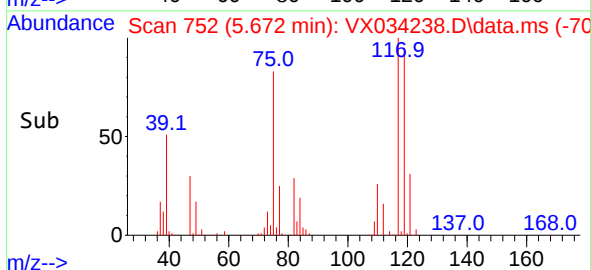
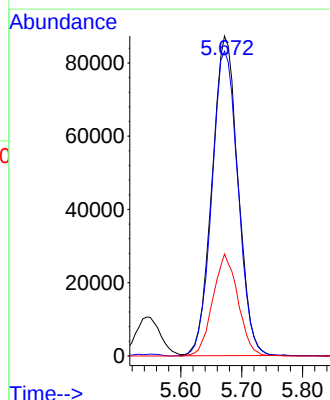
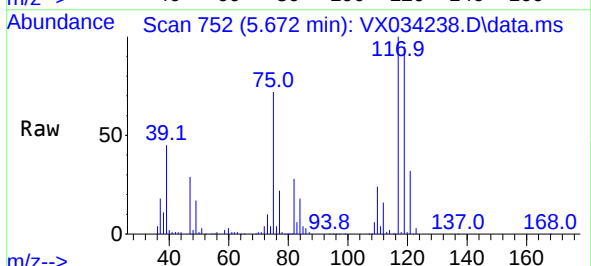
Reviewed By :John Carlone 02/24/2023

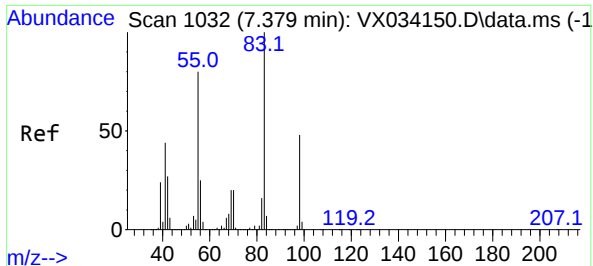
Supervised By :Mahesh Dadoda 02/24/2023



#38
Carbon Tetrachloride
Concen: 49.898 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Tgt Ion:117 Resp: 257741
Ion Ratio Lower Upper
117 100
119 95.3 78.0 117.0
121 31.9 24.4 36.6





#39

Methylcyclohexane

Concen: 50.450 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 325894

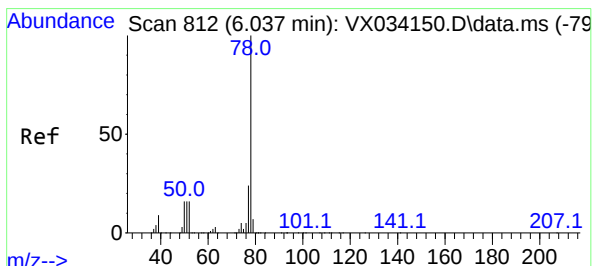
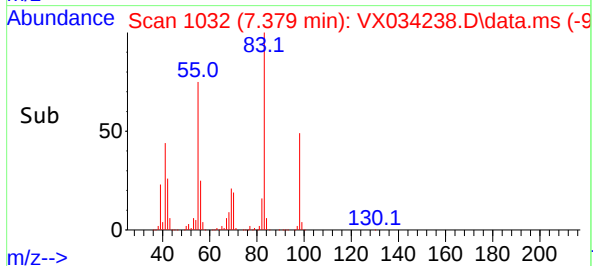
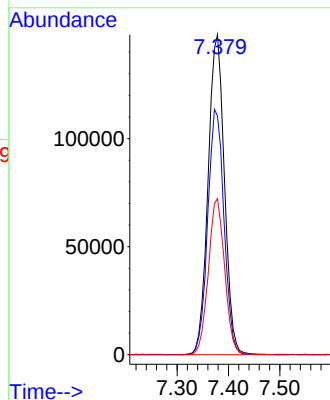
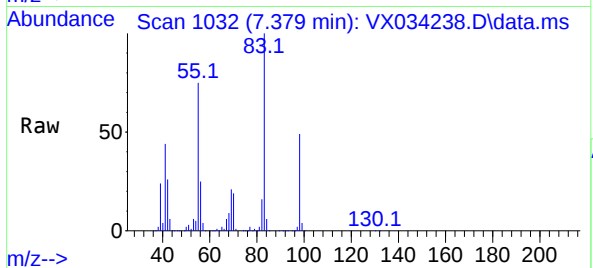
Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.8	92.6
98	48.7	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#40

Benzene

Concen: 51.760 ug/l

RT: 6.031 min Scan# 811

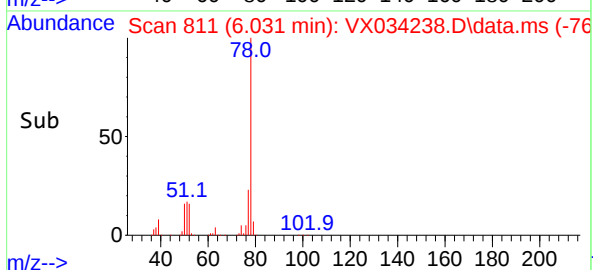
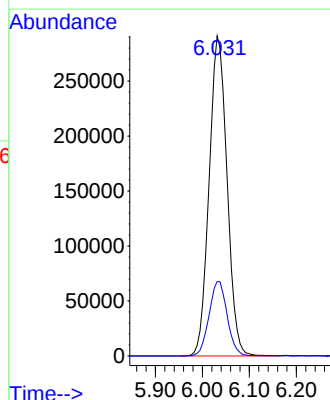
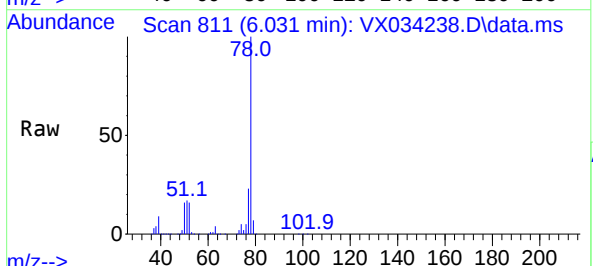
Delta R.T. -0.006 min

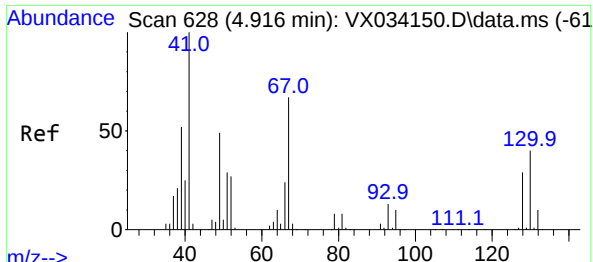
Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Tgt Ion: 78 Resp: 769955

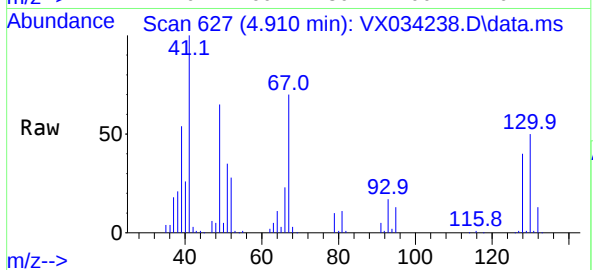
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41
Methacrylonitrile
Concen: 53.146 ug/l
RT: 4.910 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

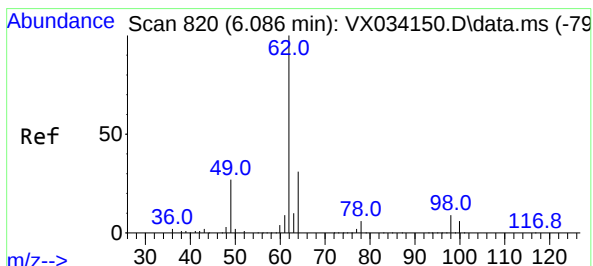
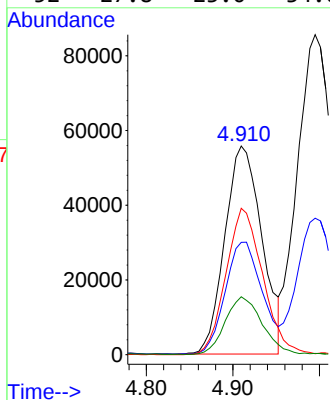
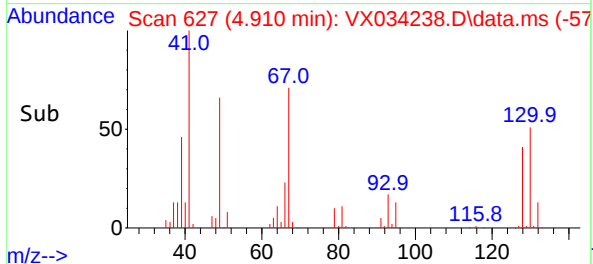
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 166111
Ion Ratio Lower Upper
41 100
39 53.7 43.8 65.6
67 70.0 54.8 82.2
52 27.8 23.0 34.6

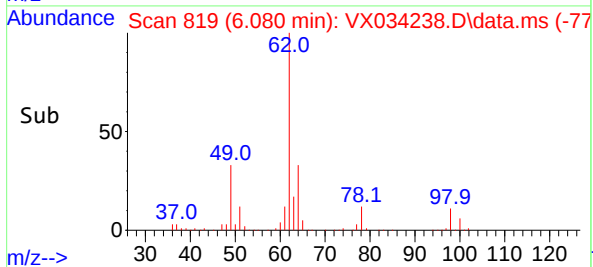
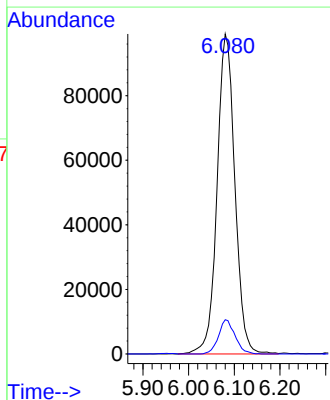
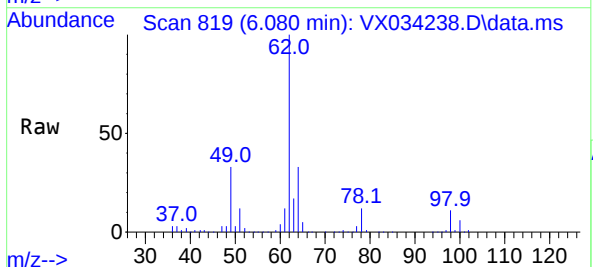
Manual Integrations
APPROVED

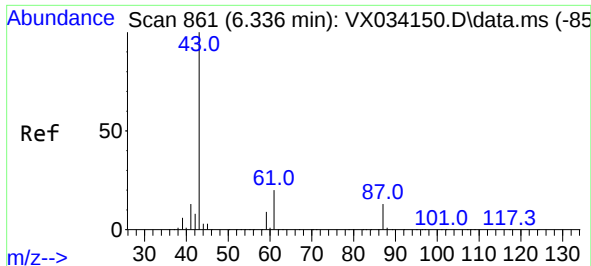
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#42
1,2-Dichloroethane
Concen: 51.318 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

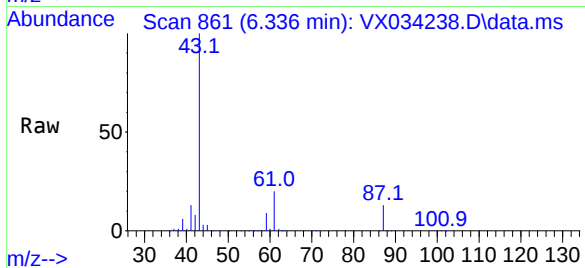
Tgt Ion: 62 Resp: 268486
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 51.897 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

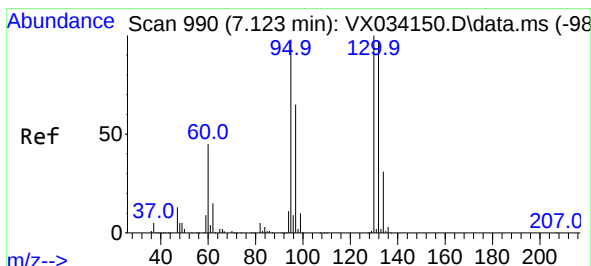
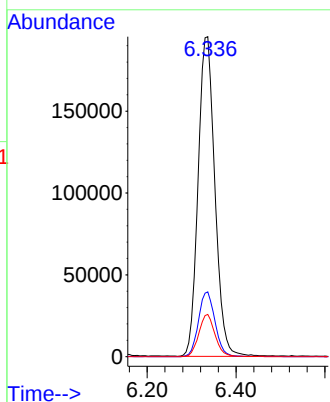
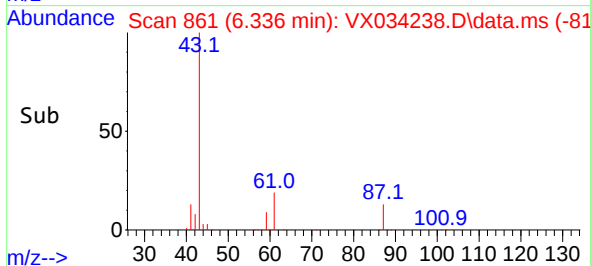
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



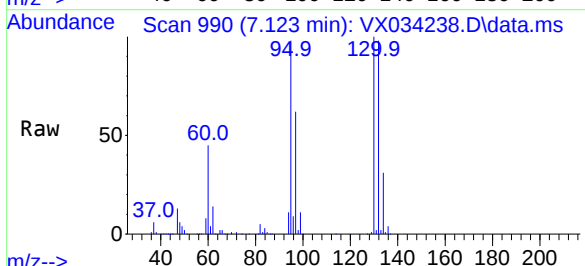
Tgt Ion: 43 Resp: 513768
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 12.8 10.6 15.8

Manual Integrations
APPROVED

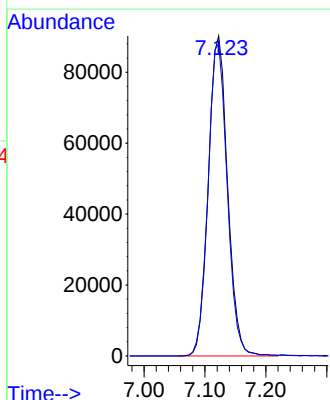
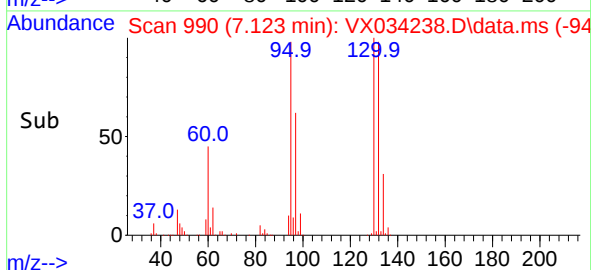
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

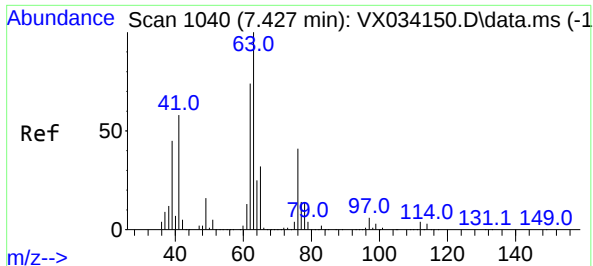


#44
Trichloroethene
Concen: 51.780 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion:130 Resp: 197665
Ion Ratio Lower Upper
130 100
95 97.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 52.011 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20596

Ion Ratio Lower Upper

63 100

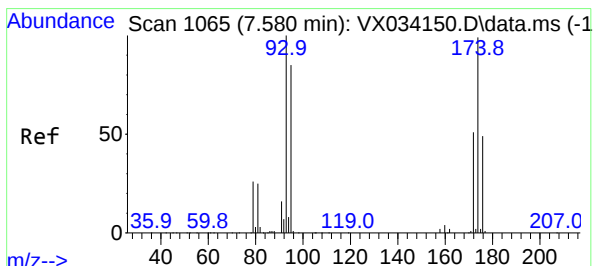
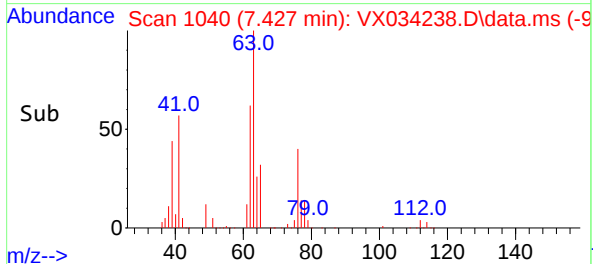
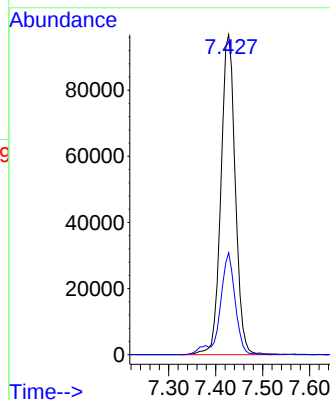
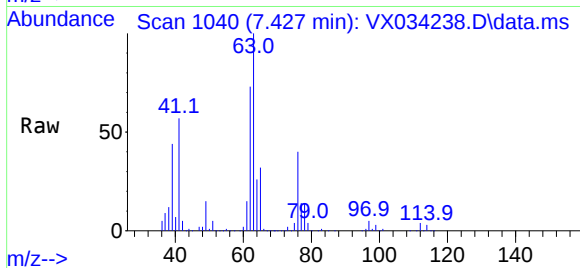
65 31.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#46

Dibromomethane

Concen: 53.158 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

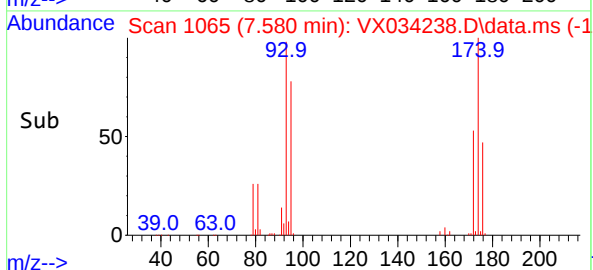
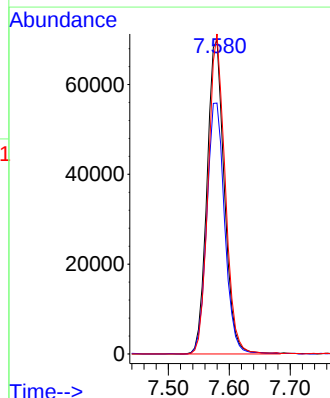
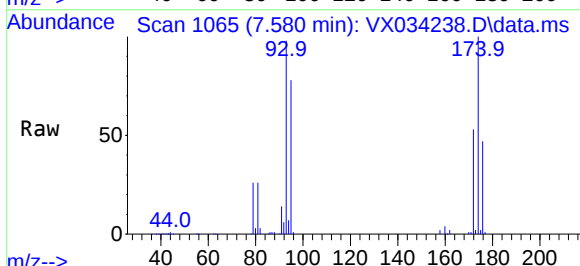
Tgt Ion: 93 Resp: 138538

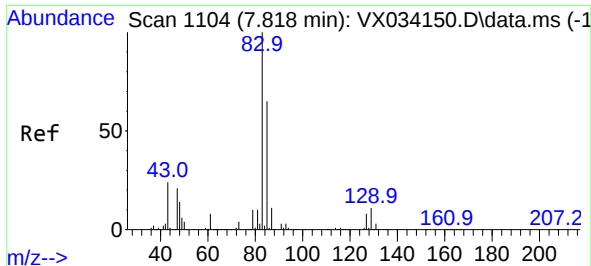
Ion Ratio Lower Upper

93 100

95 81.8 67.6 101.4

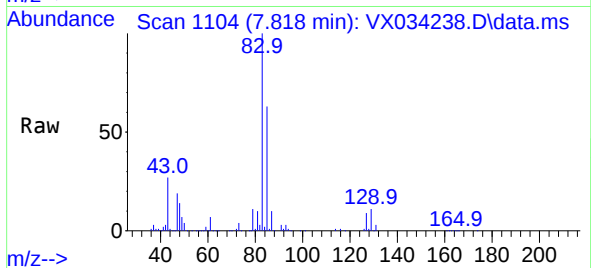
174 98.8 97.4 146.0





#47
Bromodichloromethane
Concen: 51.568 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

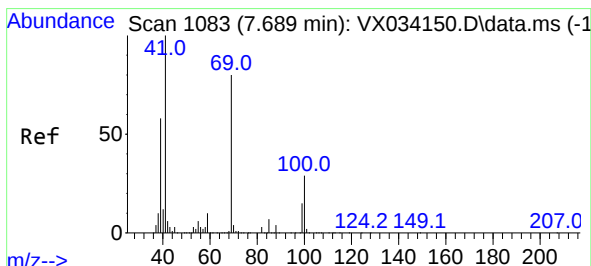
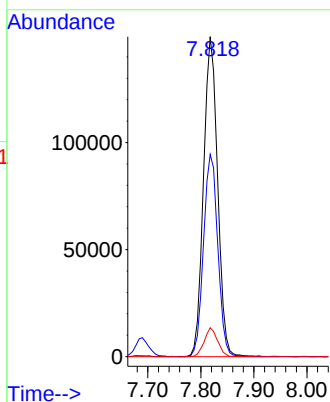
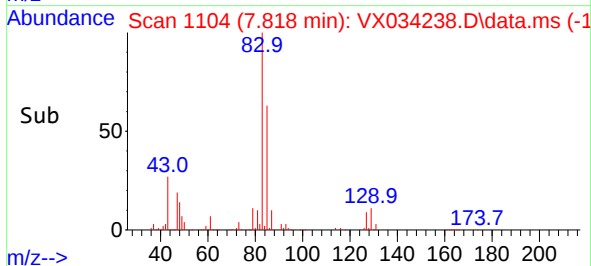
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



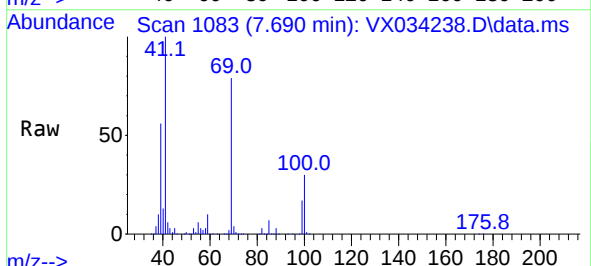
Tgt Ion: 83 Resp: 275807
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 9.1 7.0 10.4

Manual Integrations
APPROVED

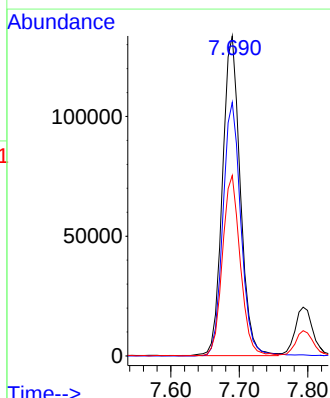
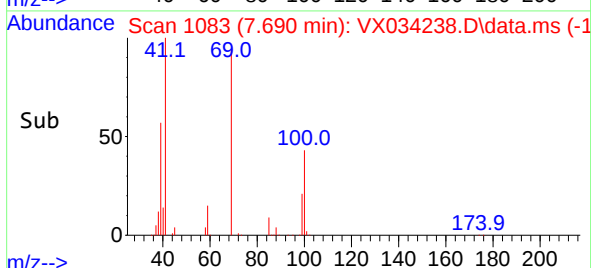
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

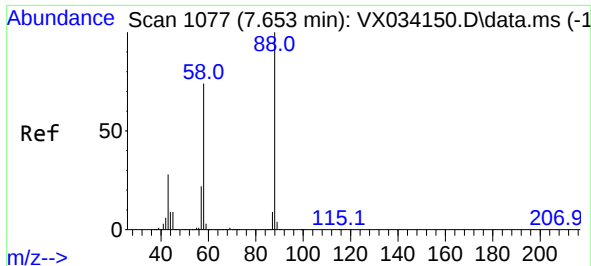


#48
Methyl methacrylate
Concen: 51.263 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



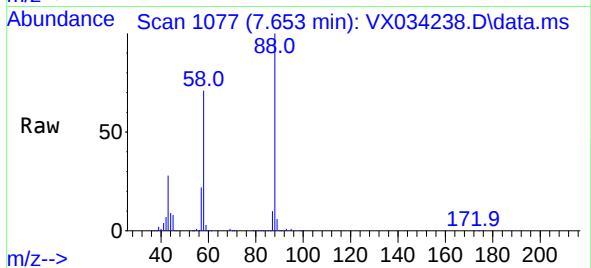
Tgt Ion: 41 Resp: 240871
Ion Ratio Lower Upper
41 100
69 80.2 63.1 94.7
39 56.3 43.2 64.8





#49
1,4-Dioxane
Concen: 1005.044 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

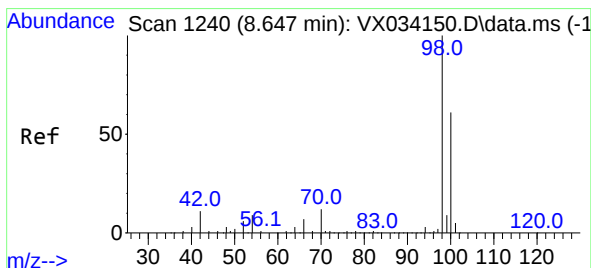
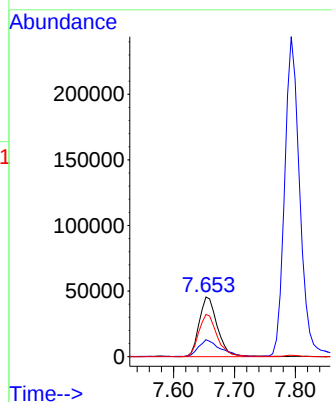
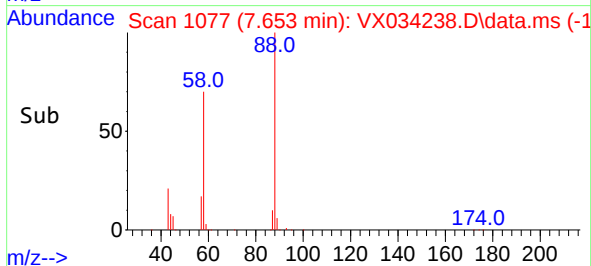
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 94194
Ion Ratio Lower Upper
88 100
43 33.5 0.0 0.0
58 72.2 56.5 84.7

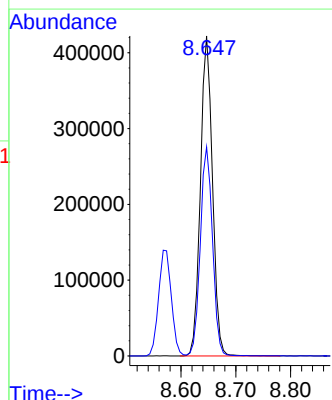
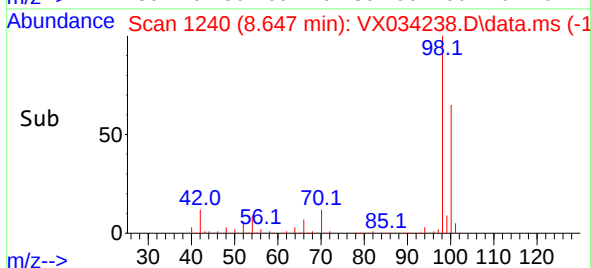
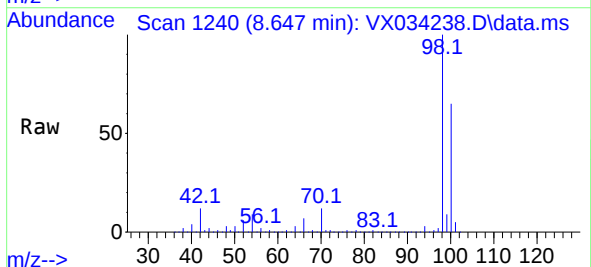
Manual Integrations
APPROVED

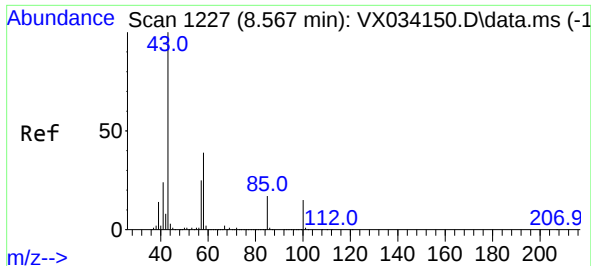
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#50
Toluene-d8
Concen: 52.892 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

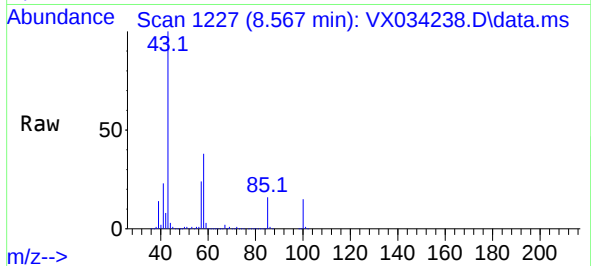
Tgt Ion: 98 Resp: 644552
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 276.275 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

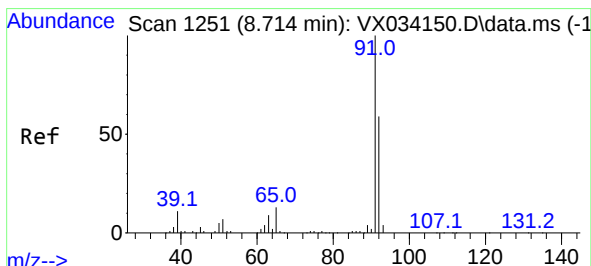
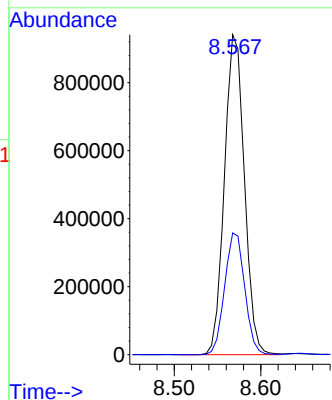
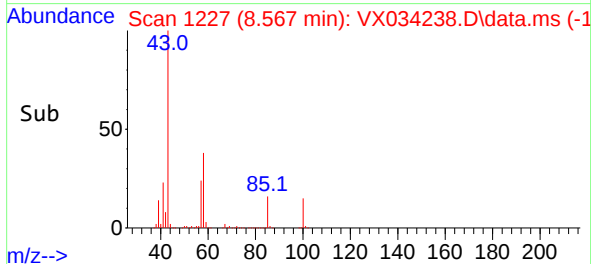
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



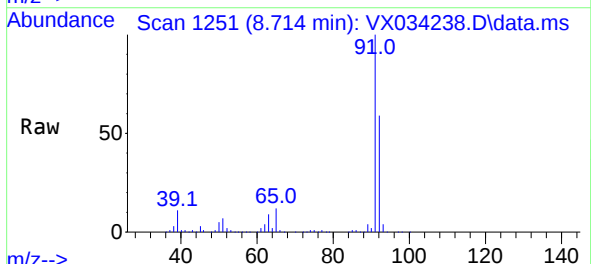
Tgt Ion: 43 Resp: 1504758
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8

Manual Integrations
APPROVED

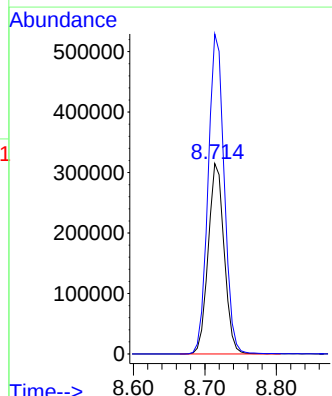
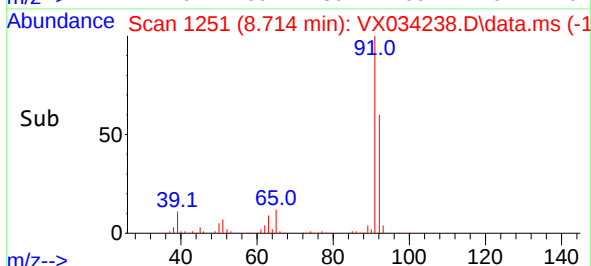
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

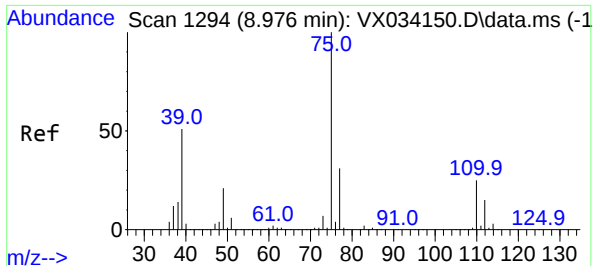


#52
Toluene
Concen: 54.124 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



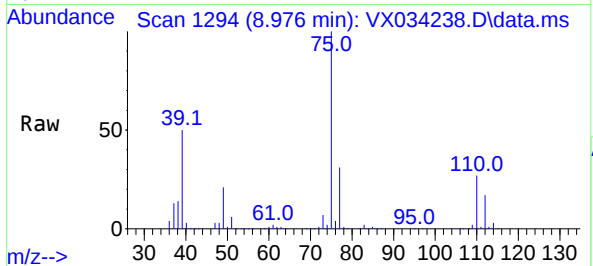
Tgt Ion: 92 Resp: 487845
Ion Ratio Lower Upper
92 100
91 169.6 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 53.381 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

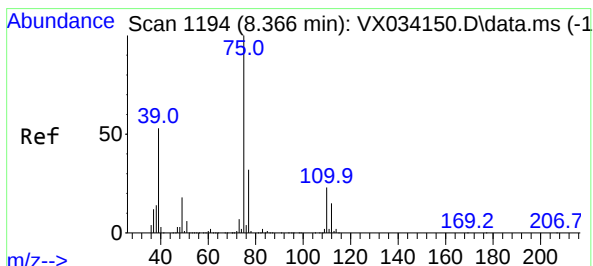
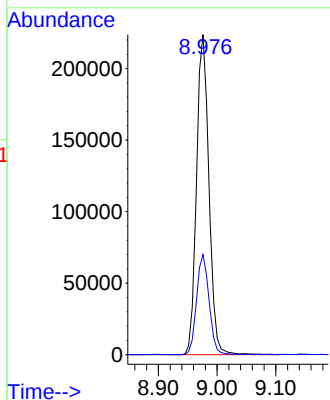
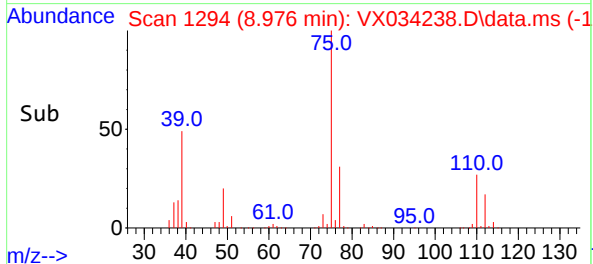
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



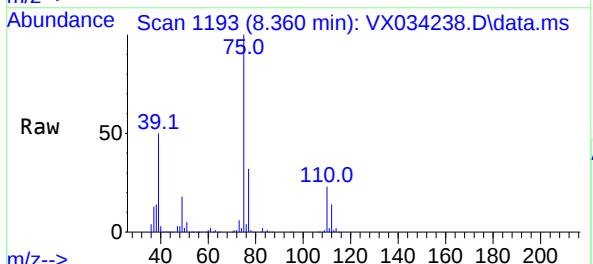
Tgt Ion: 75 Resp: 328634
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3

Manual Integrations
APPROVED

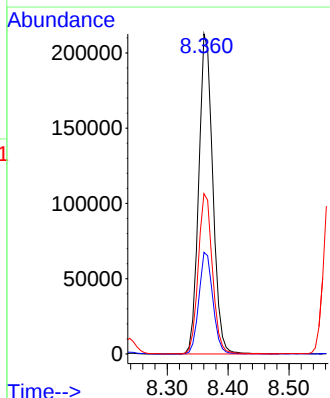
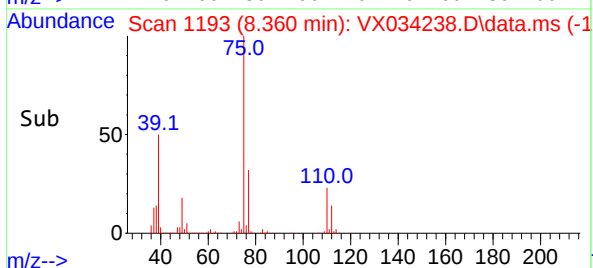
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

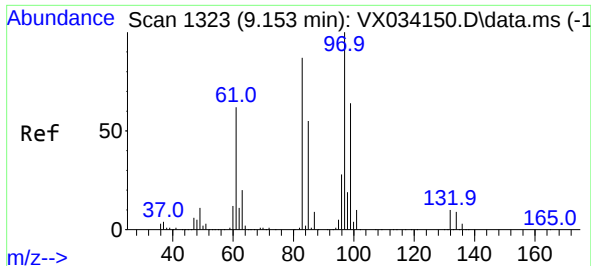


#54
cis-1,3-Dichloropropene
Concen: 51.813 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 75 Resp: 341485
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 50.0 38.6 58.0





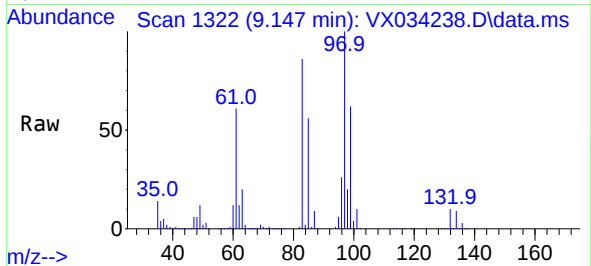
#55
1,1,2-Trichloroethane
Concen: 55.463 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 201788

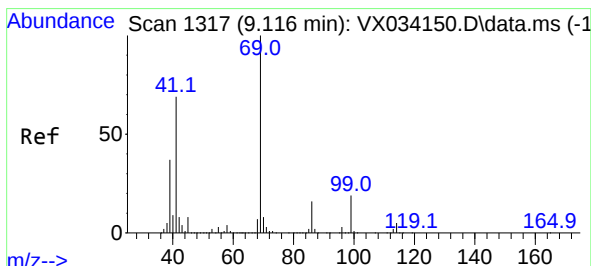
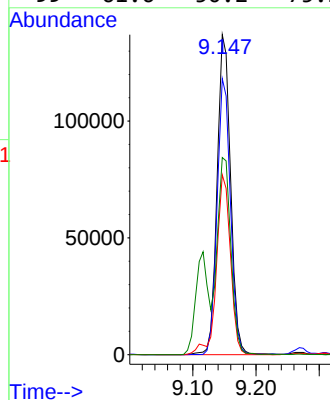
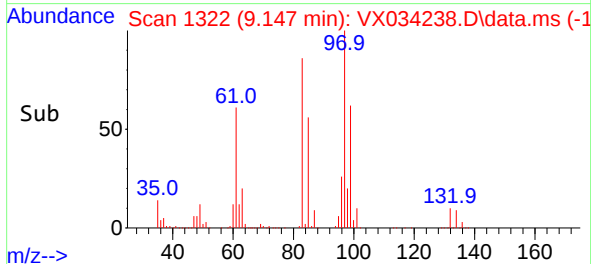
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.0
85	56.2	43.2	64.8
99	61.6	50.2	75.2

Manual Integrations

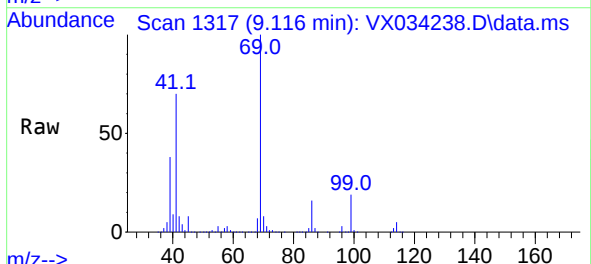
APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023

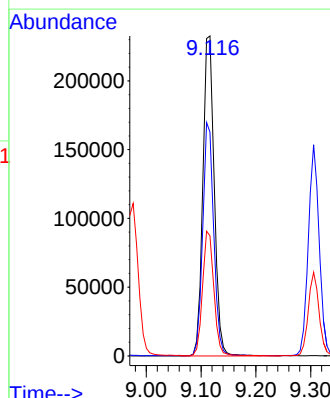
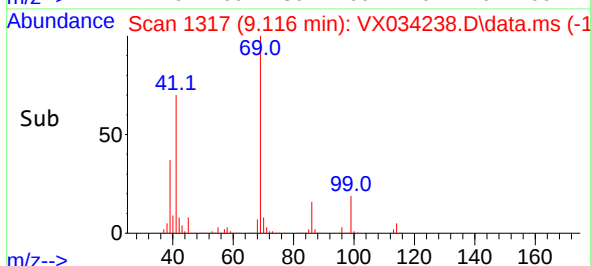


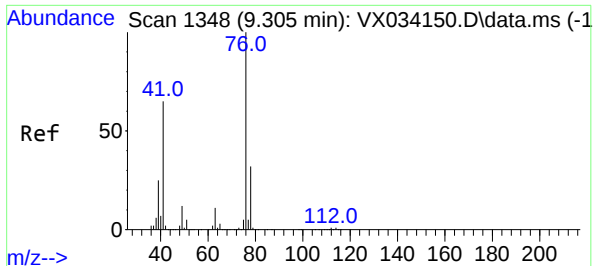
#56
Ethyl methacrylate
Concen: 54.511 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 69 Resp: 335502

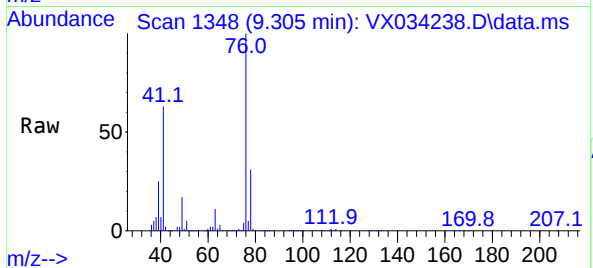
Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.1	82.7
39	38.7	28.5	42.7





#57
1,3-Dichloropropane
Concen: 54.319 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

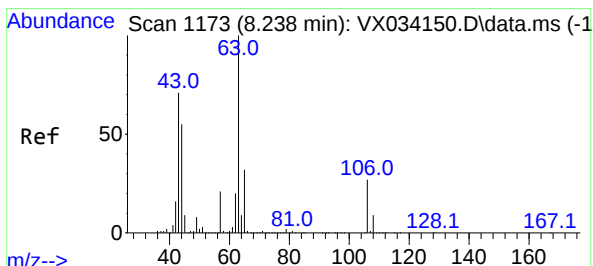
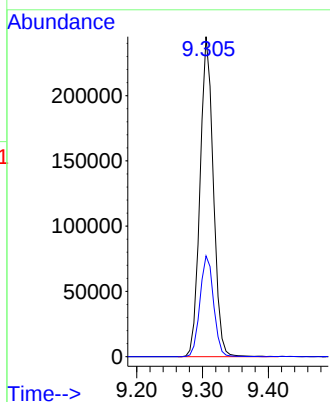
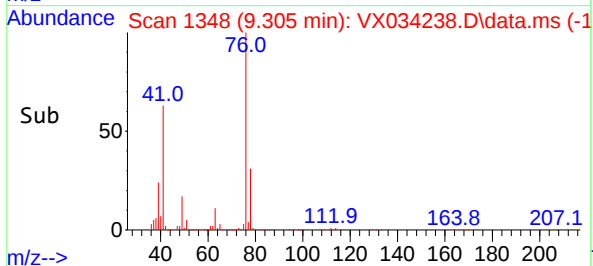
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



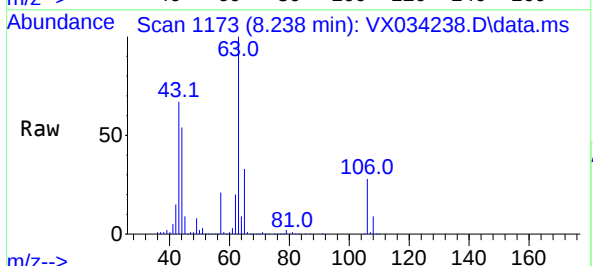
Tgt Ion: 76 Resp: 34384
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

Manual Integrations
APPROVED

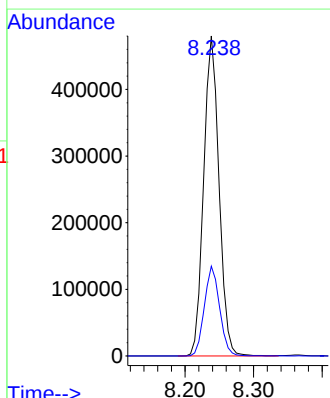
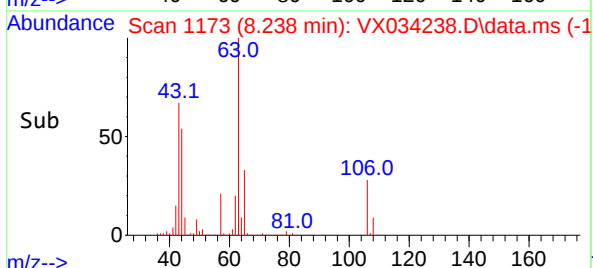
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

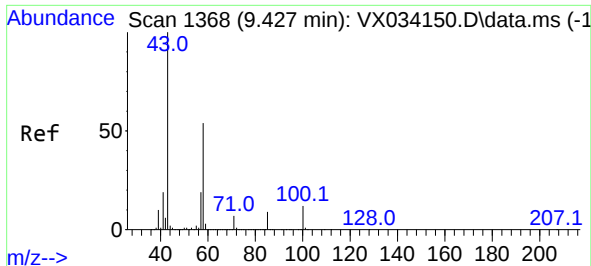


#58
2-Chloroethyl Vinyl ether
Concen: 280.951 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



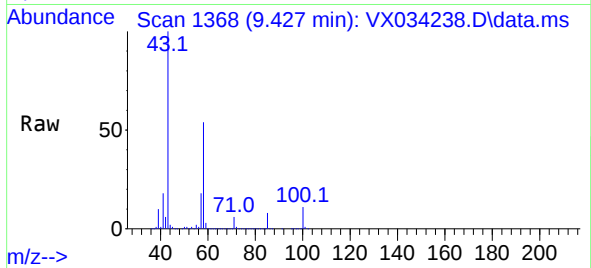
Tgt Ion: 63 Resp: 749060
Ion Ratio Lower Upper
63 100
106 27.8 24.5 36.7





#59
2-Hexanone
Concen: 273.822 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

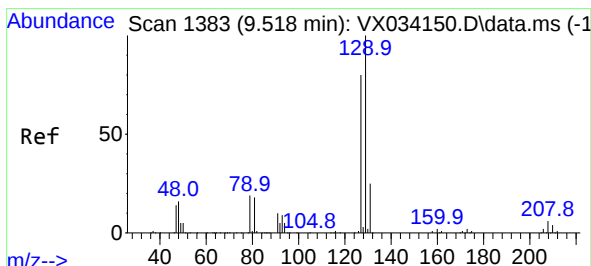
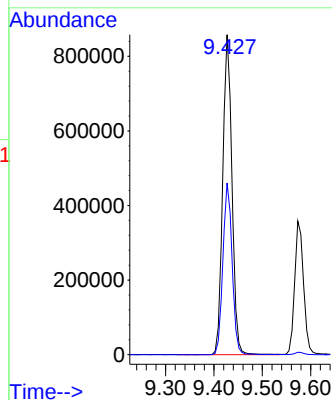
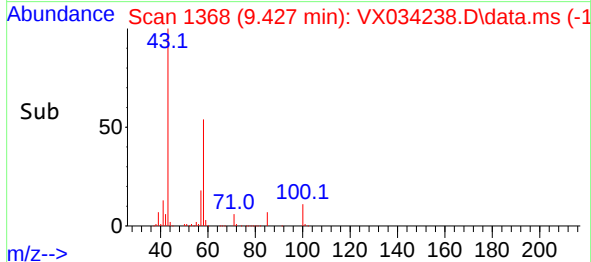
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1136604
Ion Ratio Lower Upper
43 100
58 53.5 27.4 82.0

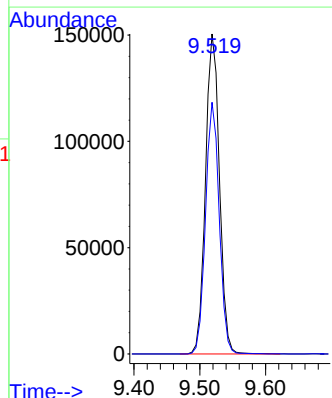
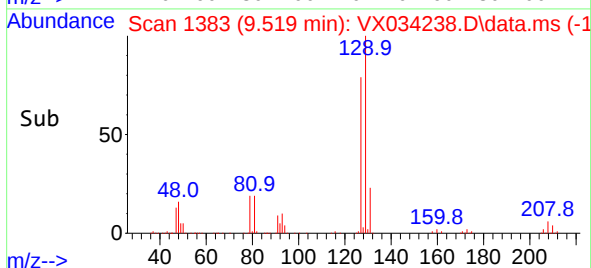
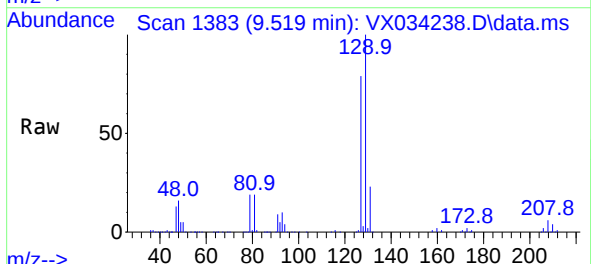
Manual Integrations
APPROVED

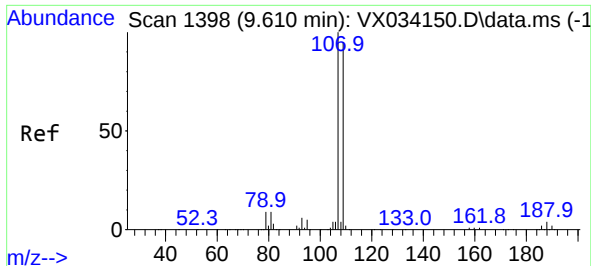
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#60
Dibromochloromethane
Concen: 55.162 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

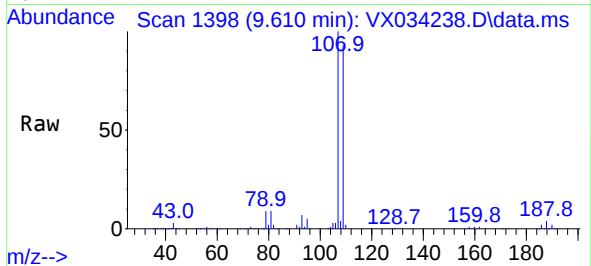
Tgt Ion:129 Resp: 221751
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 55.450 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

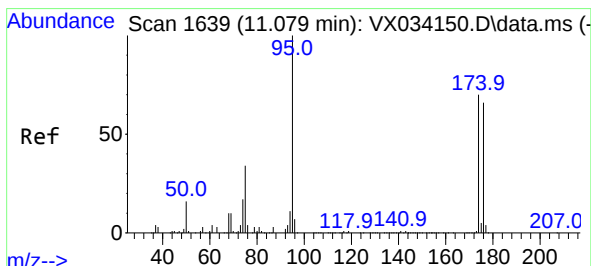
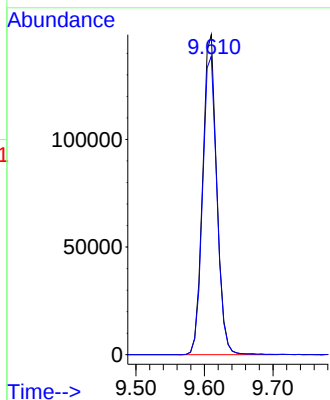
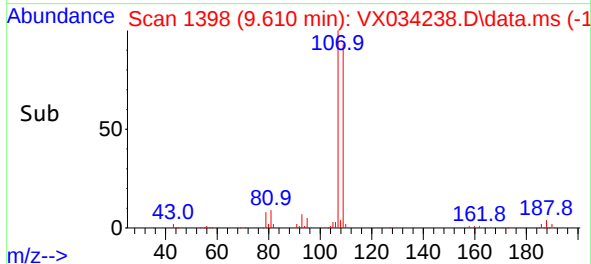
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



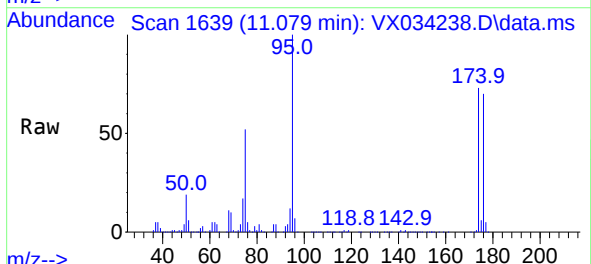
Tgt Ion:107 Resp: 213360
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.2

Manual Integrations
APPROVED

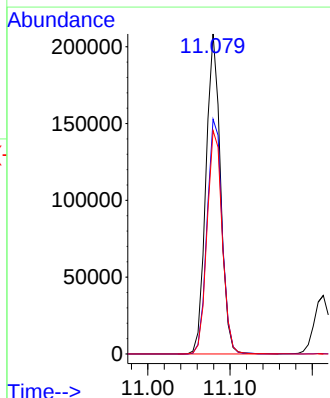
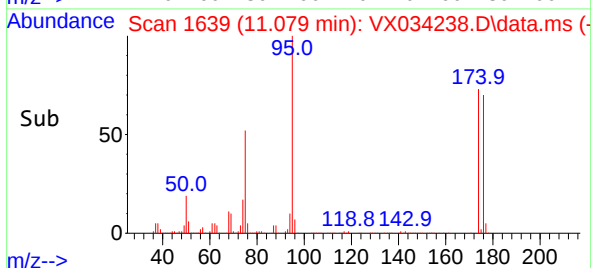
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

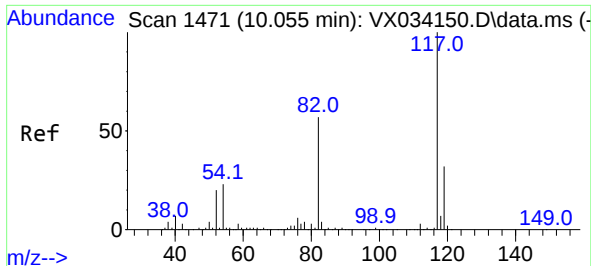


#62
4-Bromofluorobenzene
Concen: 54.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 95 Resp: 255693
Ion Ratio Lower Upper
95 100
174 76.2 0.0 184.4
176 72.6 0.0 178.8





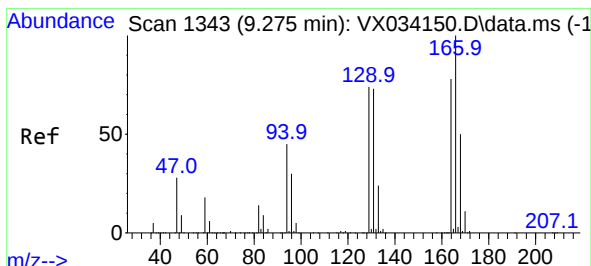
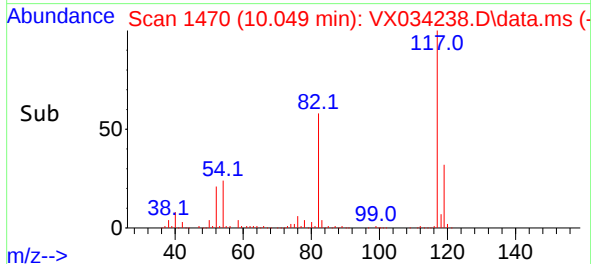
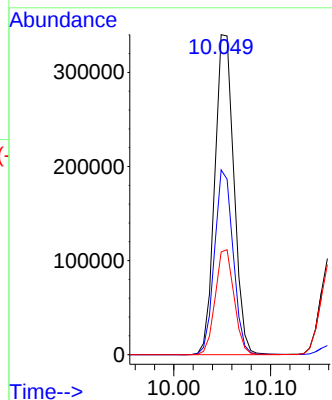
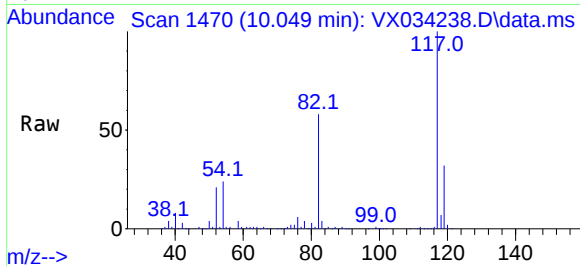
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 467298
Ion Ratio Lower Upper
117 100
82 57.8 40.6 60.8
119 32.1 25.6 38.4

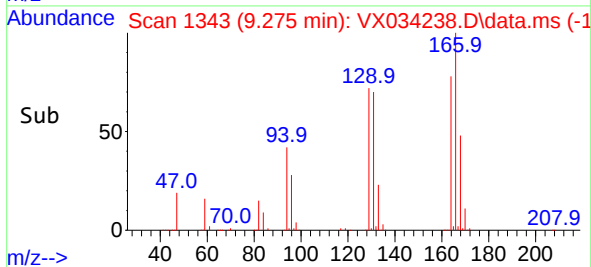
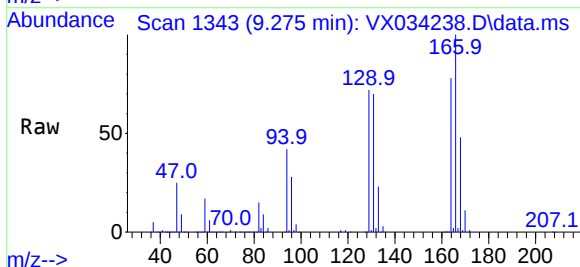
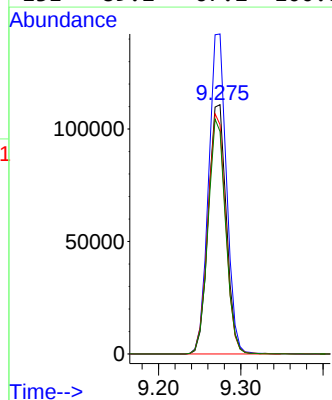
Manual Integrations
APPROVED

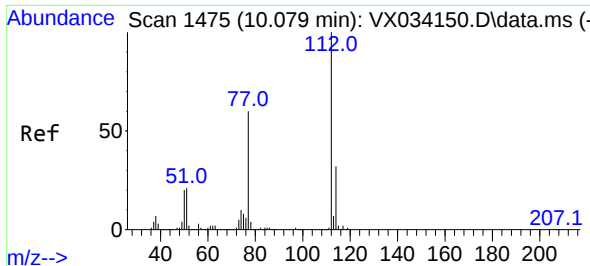
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#64
Tetrachloroethene
Concen: 50.969 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

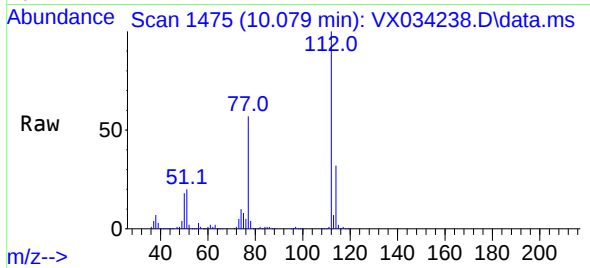
Tgt Ion:164 Resp: 168099
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 92.0 69.2 103.8
131 89.2 67.2 100.8





#65
Chlorobenzene
Concen: 53.211 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

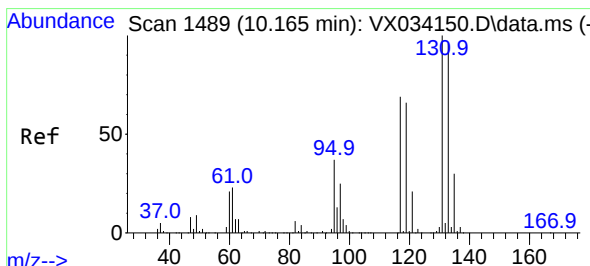
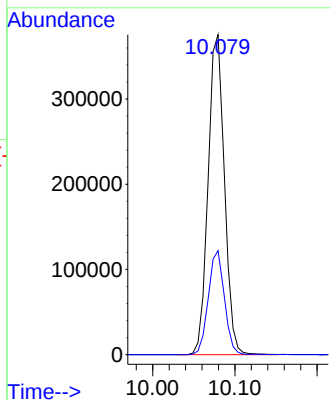
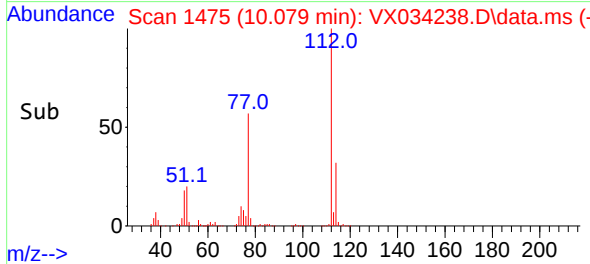
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



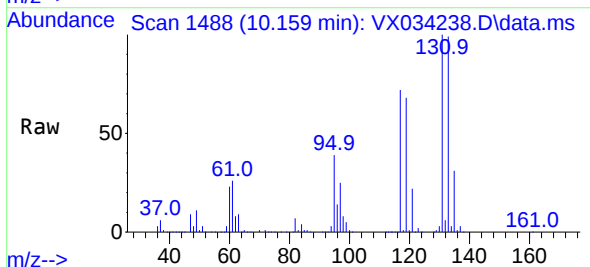
Tgt Ion:112 Resp: 51832
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4

Manual Integrations
APPROVED

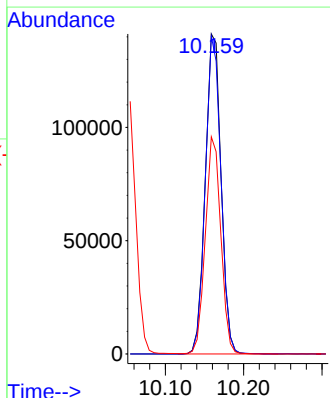
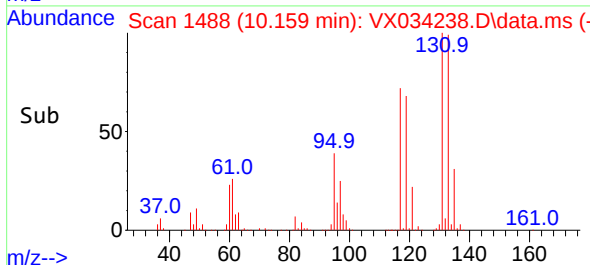
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

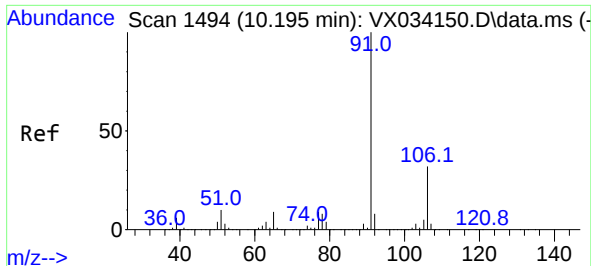


#66
1,1,1,2-Tetrachloroethane
Concen: 52.237 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion:131 Resp: 196980
Ion Ratio Lower Upper
131 100
133 98.1 48.4 145.0
119 66.7 31.9 95.7





#67

Ethyl Benzene

Concen: 53.437 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 935130

Ion Ratio Lower Upper

91 100

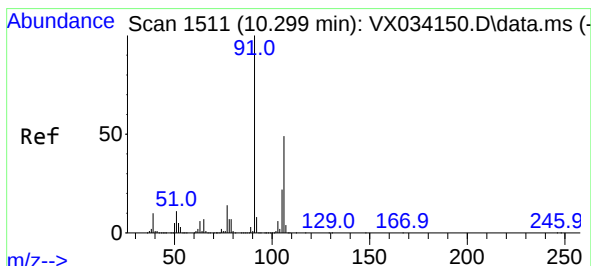
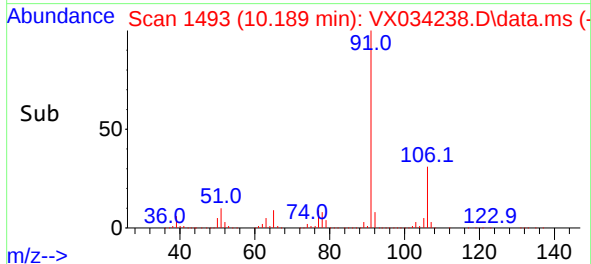
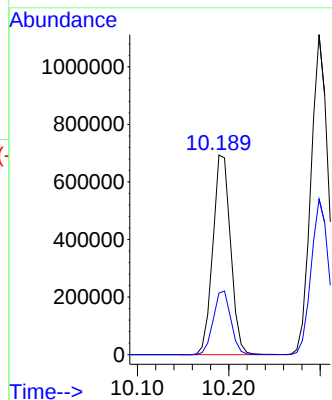
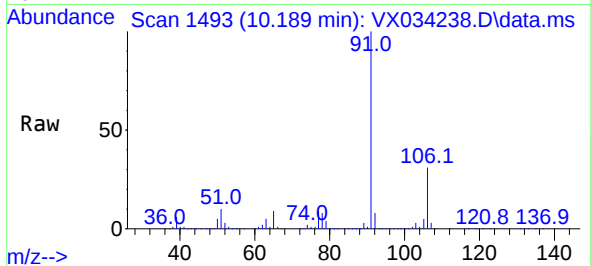
106 30.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#68

m/p-Xylenes

Concen: 108.383 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034238.D

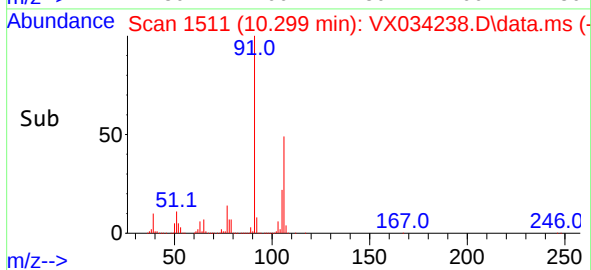
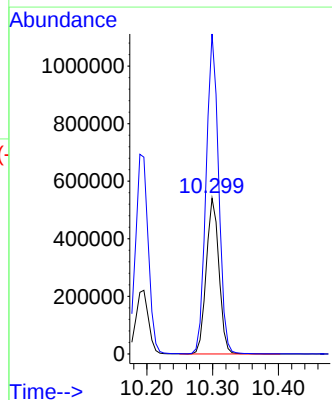
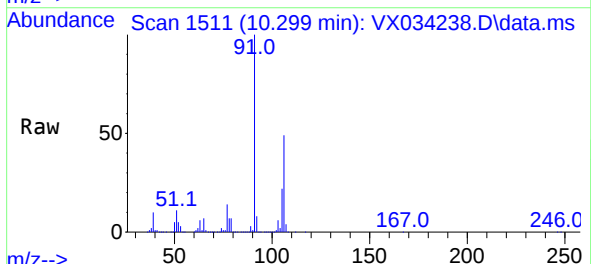
Acq: 23 Feb 2023 10:26

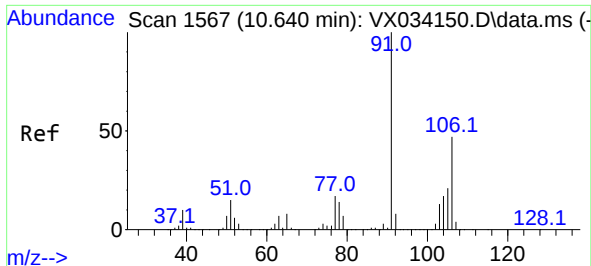
Tgt Ion:106 Resp: 725840

Ion Ratio Lower Upper

106 100

91 203.0 156.4 234.6





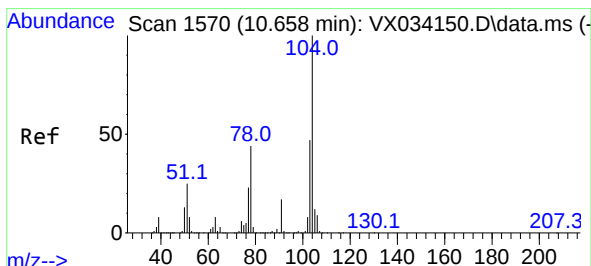
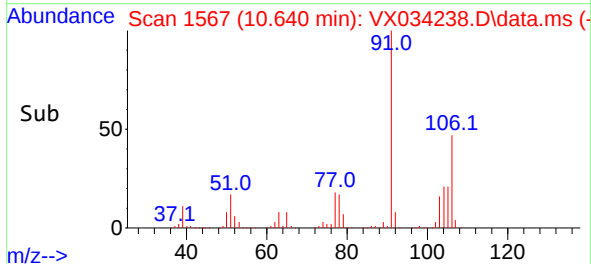
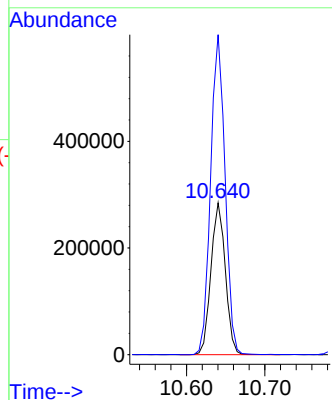
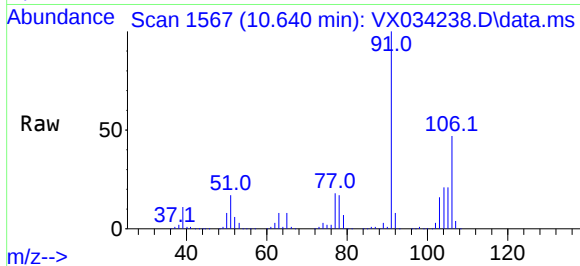
#69
o-Xylene
Concen: 54.246 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 361660
Ion Ratio Lower Upper
106 100
91 211.6 103.1 309.3

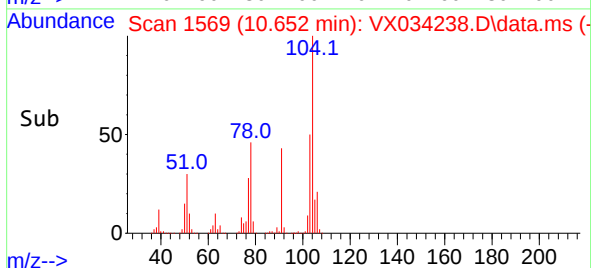
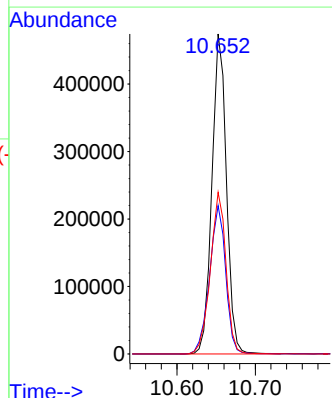
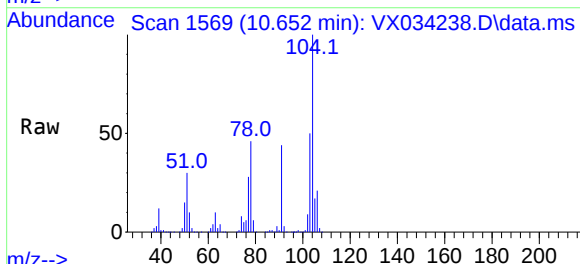
Manual Integrations
APPROVED

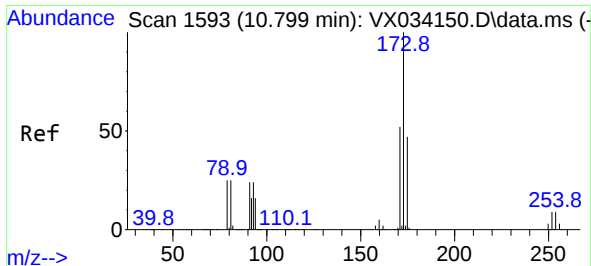
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#70
Styrene
Concen: 56.190 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

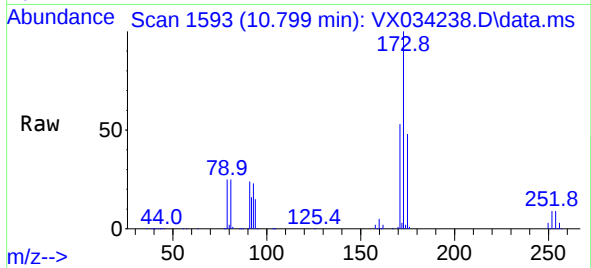
Tgt Ion:104 Resp: 609288
Ion Ratio Lower Upper
104 100
78 51.6 37.5 56.3
103 54.7 43.3 64.9





#71
Bromoform
Concen: 54.621 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

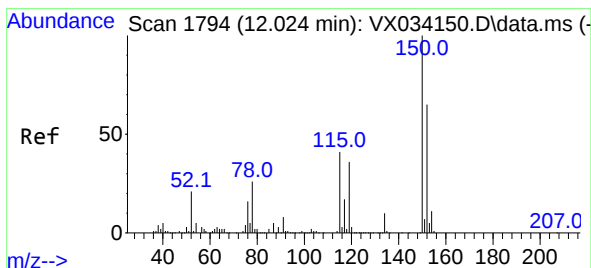
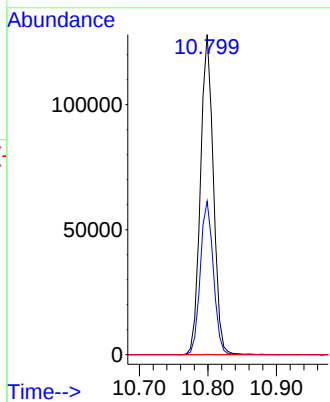
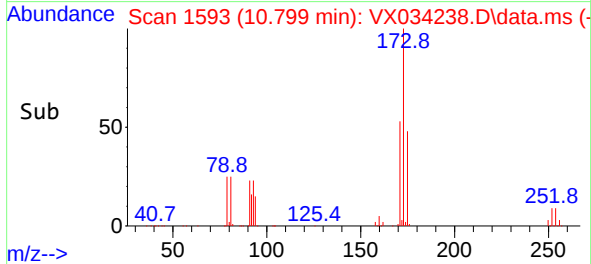
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



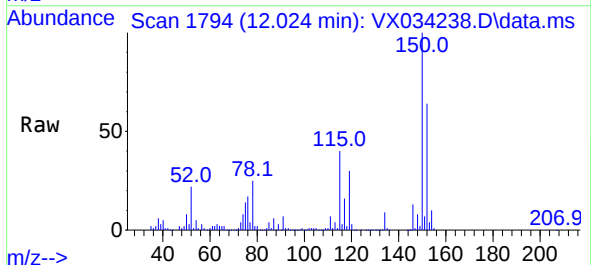
Tgt Ion:173 Resp: 168120
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

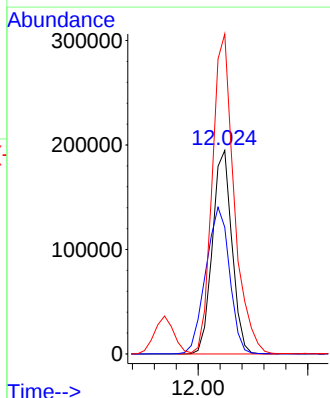
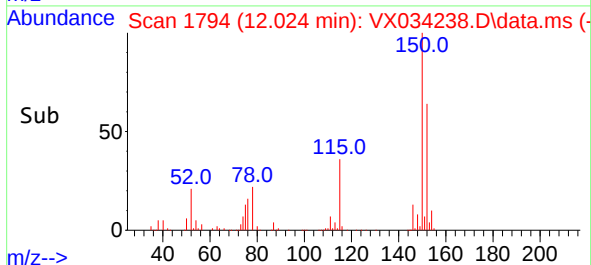
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

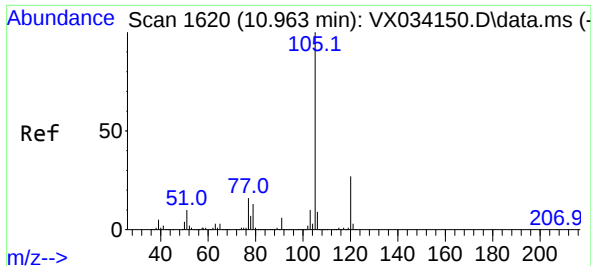


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion:152 Resp: 241234
Ion Ratio Lower Upper
152 100
115 88.1 38.7 116.1
150 175.3 0.0 348.2





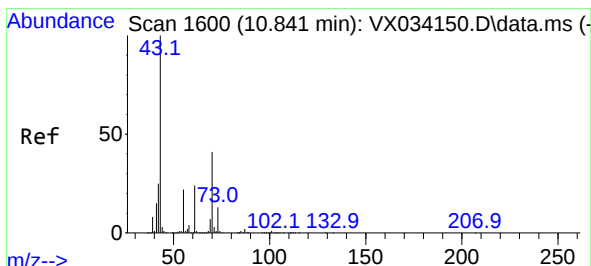
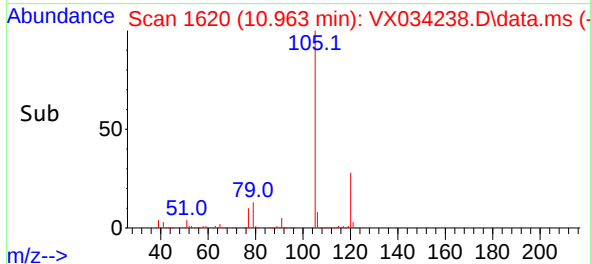
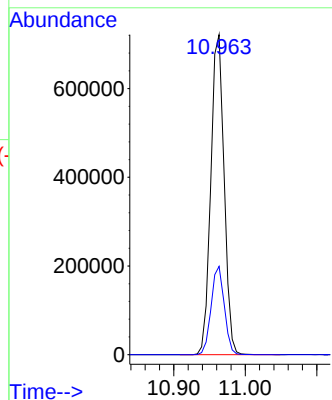
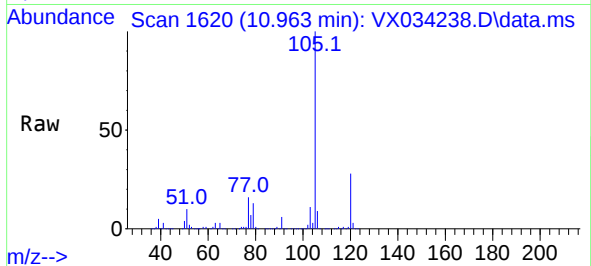
#73
Isopropylbenzene
Concen: 50.672 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 931614
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

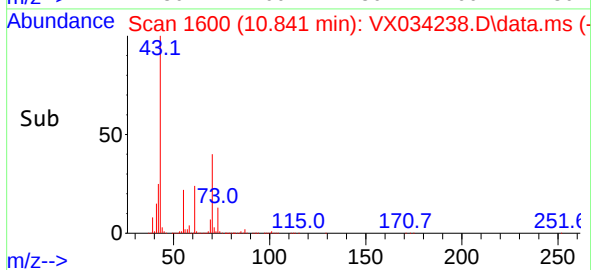
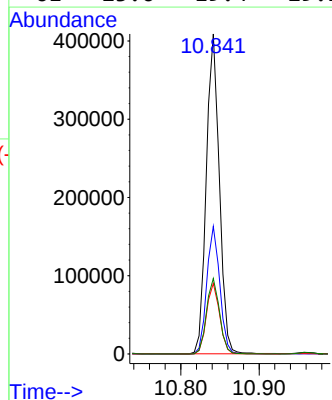
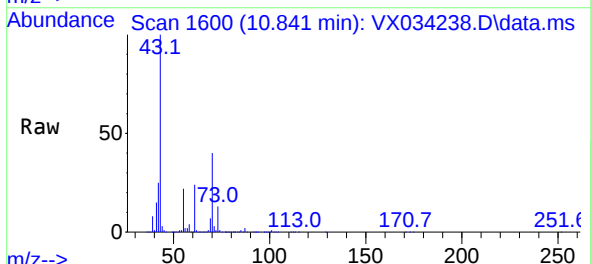
Manual Integrations
APPROVED

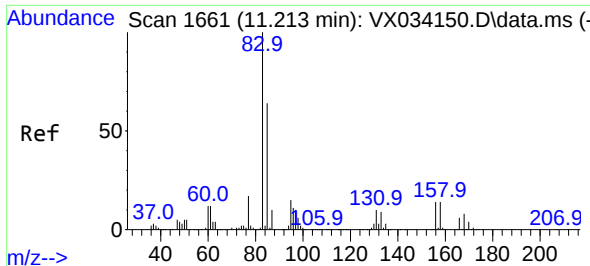
Reviewed By :John Carbone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#74
N-ethyl acetate
Concen: 51.020 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

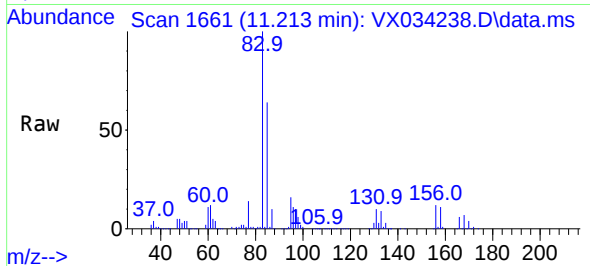
Tgt Ion: 43 Resp: 471243
Ion Ratio Lower Upper
43 100
70 39.8 34.8 52.2
55 22.3 19.4 29.0
61 23.6 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.117 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

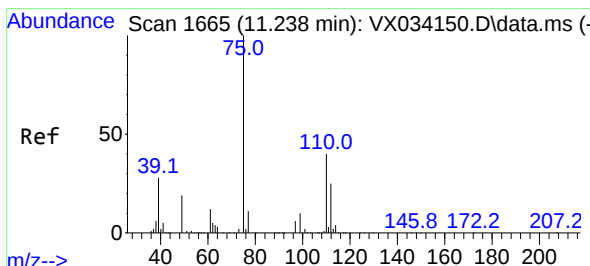
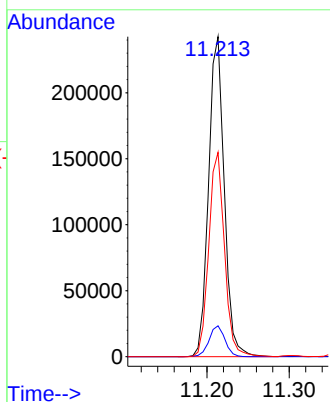
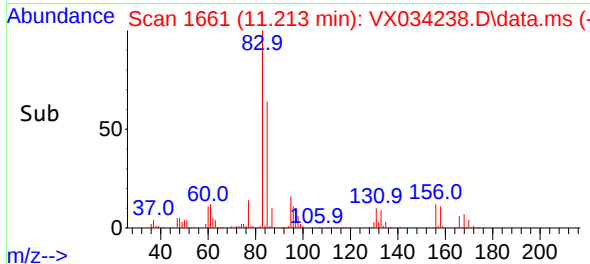
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



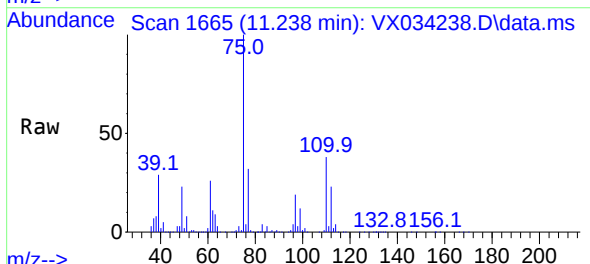
Tgt Ion: 83 Resp: 321435
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.7
85 64.1 32.3 96.9

Manual Integrations
APPROVED

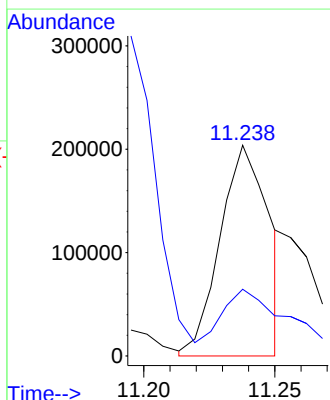
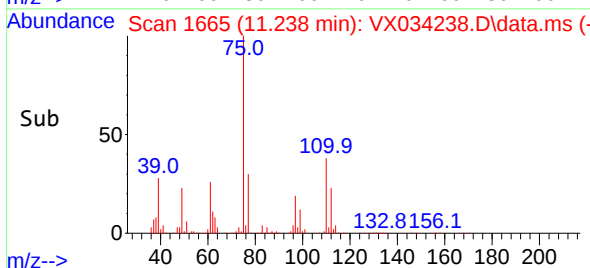
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

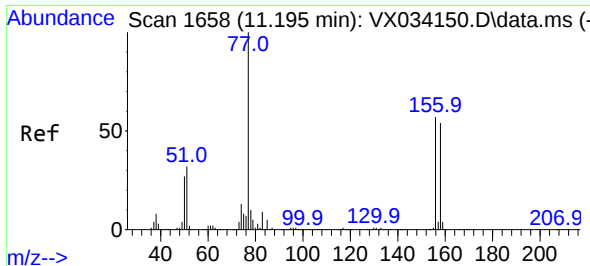


#76
1,2,3-Trichloropropane
Concen: 43.721 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



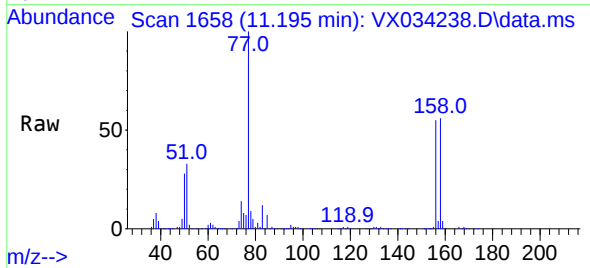
Tgt Ion: 75 Resp: 265394
Ion Ratio Lower Upper
75 100
77 44.4 21.8 65.4





#77
Bromobenzene
Concen: 51.182 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

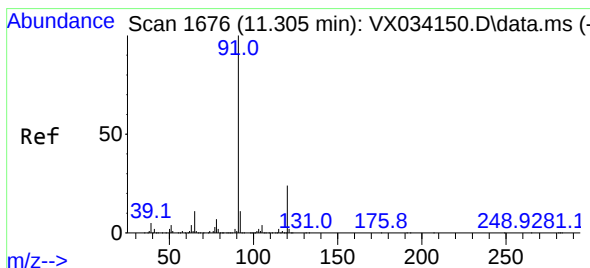
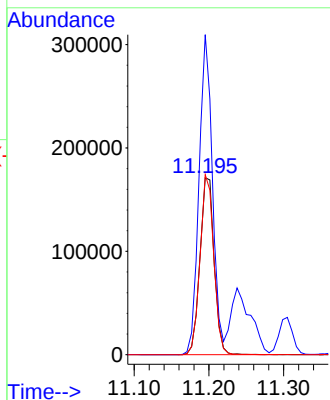
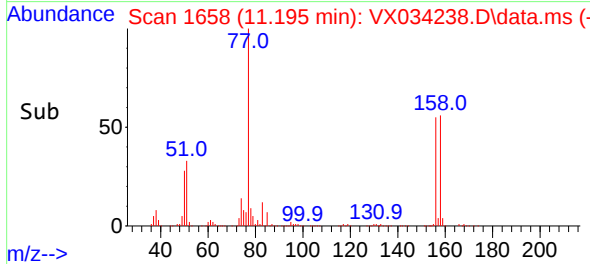
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



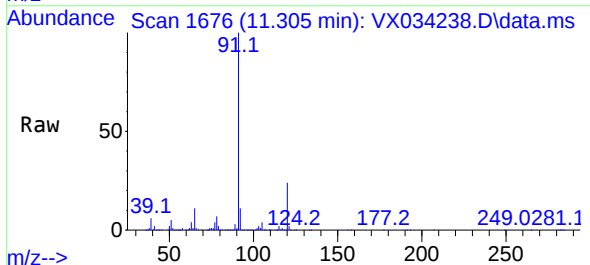
Tgt Ion:156 Resp: 226440
Ion Ratio Lower Upper
156 100
77 169.9 68.1 204.3
158 97.9 48.0 144.2

Manual Integrations
APPROVED

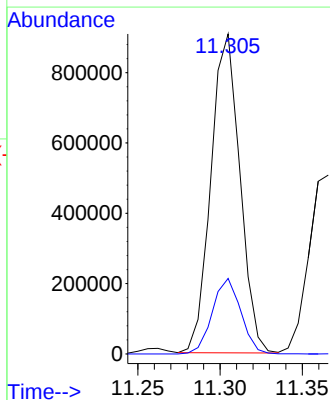
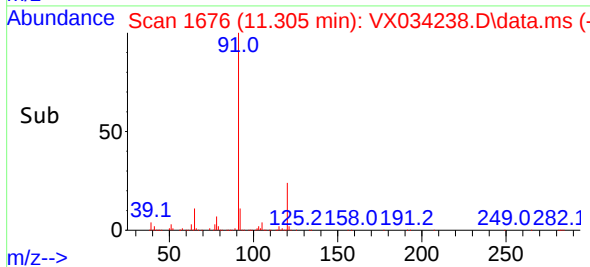
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

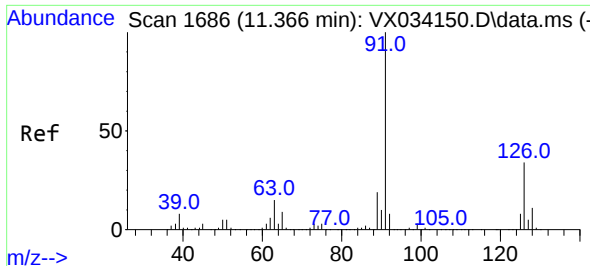


#78
n-propylbenzene
Concen: 52.084 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 91 Resp: 1113673
Ion Ratio Lower Upper
91 100
120 23.3 12.3 36.8





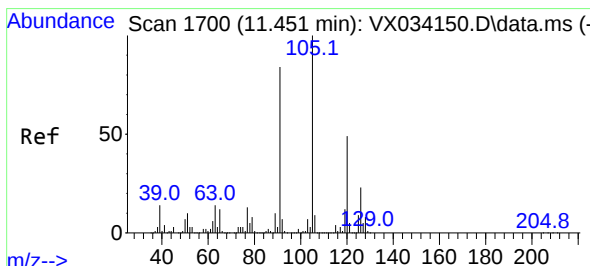
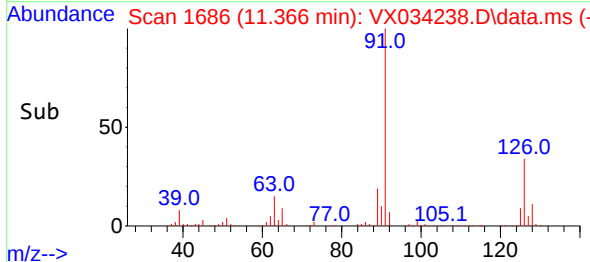
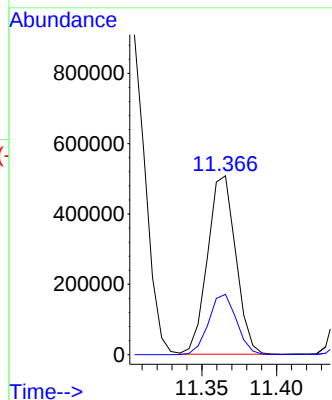
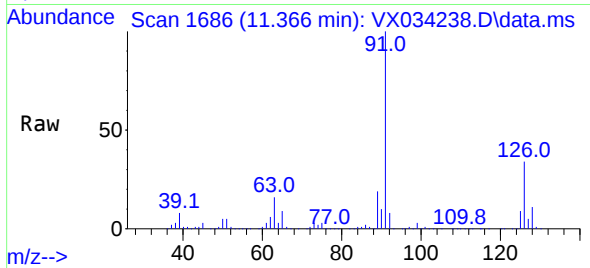
#79
2-Chlorotoluene
Concen: 50.871 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 666970
Ion Ratio Lower Upper
91 100
126 33.5 18.1 54.1

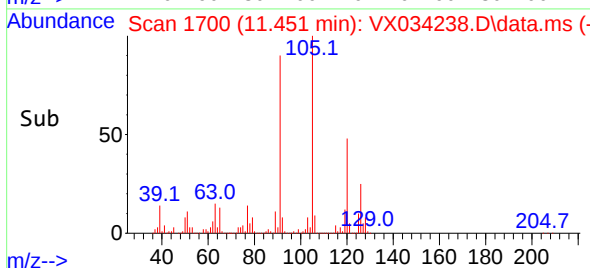
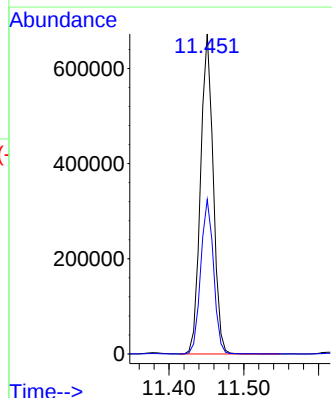
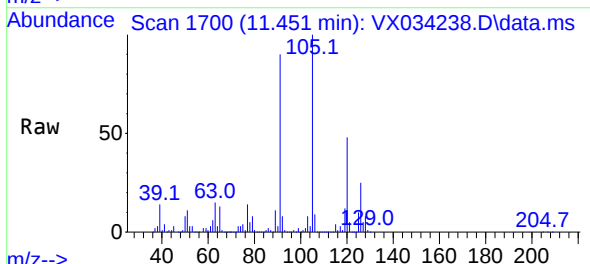
Manual Integrations
APPROVED

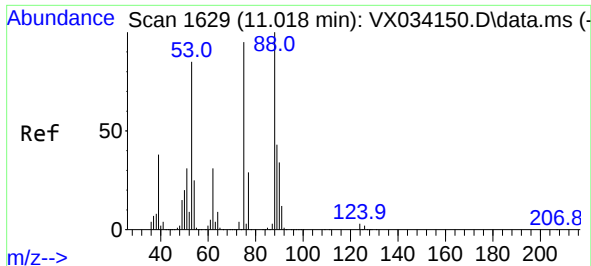
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.065 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

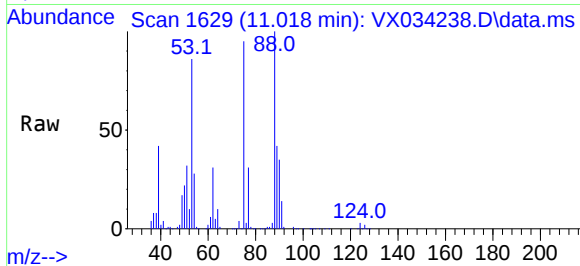
Tgt Ion:105 Resp: 789321
Ion Ratio Lower Upper
105 100
120 48.8 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.635 ug/l
RT: 11.018 min Scan# 11492
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

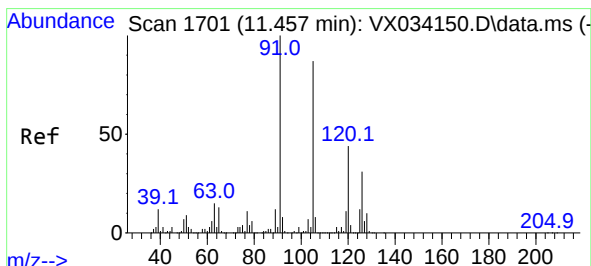
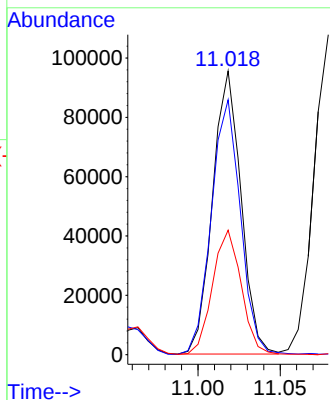
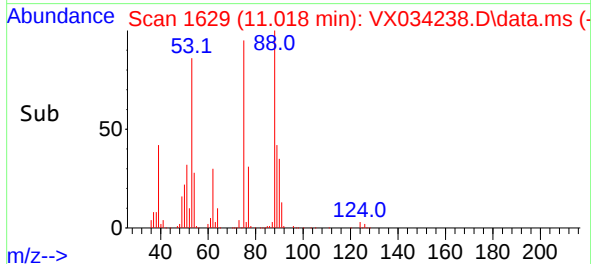
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



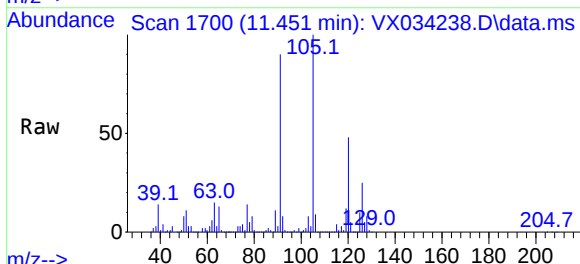
Tgt Ion: 75 Resp: 11492
Ion Ratio Lower Upper
75 100
53 92.0 83.0 124.6
89 44.6 37.7 56.5

Manual Integrations
APPROVED

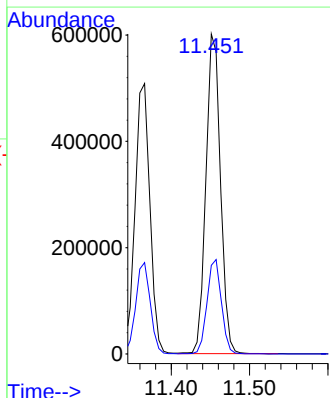
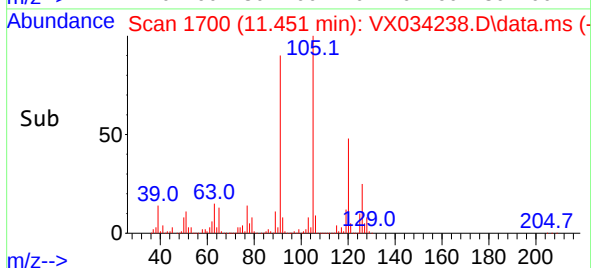
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

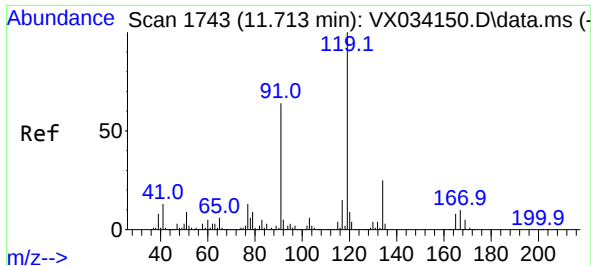


#82
4-Chlorotoluene
Concen: 51.864 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



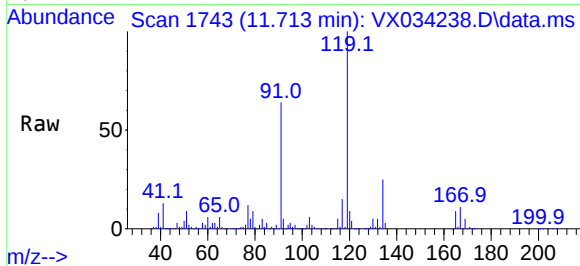
Tgt Ion: 91 Resp: 774493
Ion Ratio Lower Upper
91 100
126 29.2 15.8 47.4





#83
tert-Butylbenzene
Concen: 50.271 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

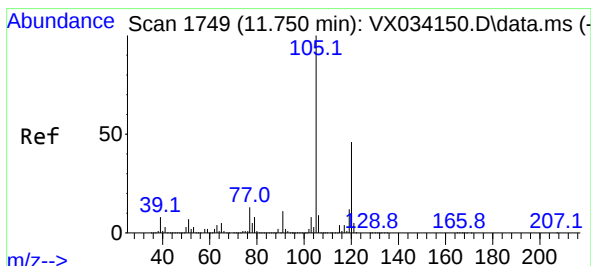
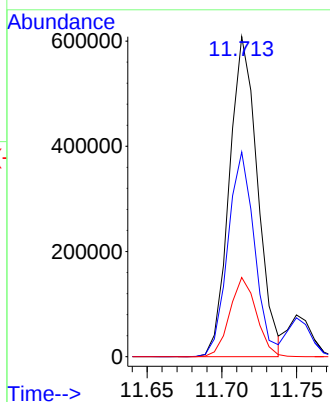
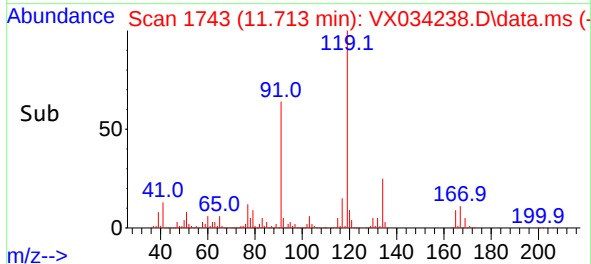
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



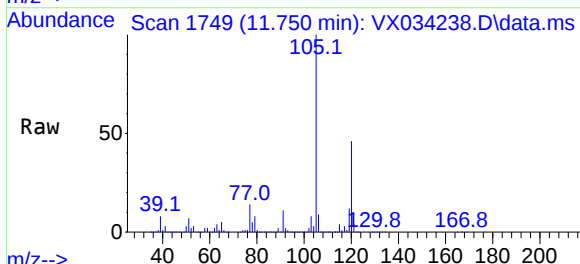
Tgt Ion:119 Resp: 79584
Ion Ratio Lower Upper
119 100
91 60.7 26.9 80.7
134 23.4 12.3 36.8

Manual Integrations
APPROVED

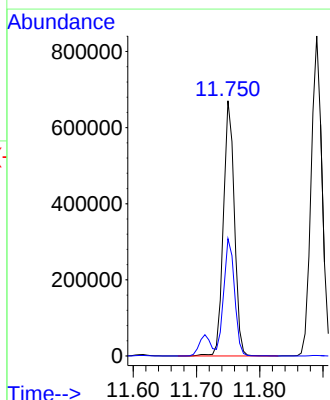
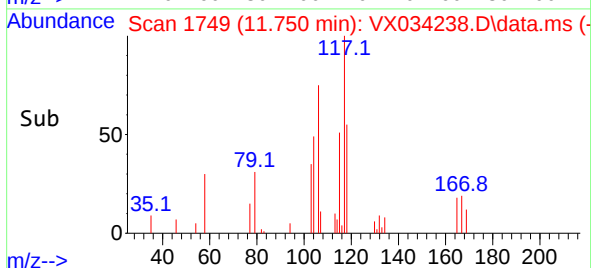
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

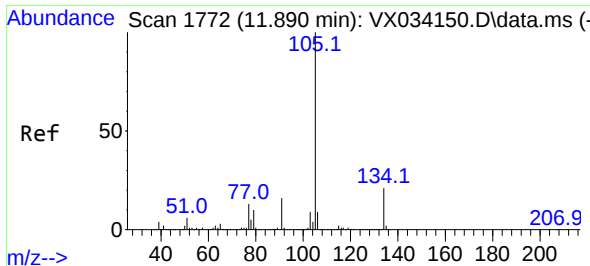


#84
1,2,4-Trimethylbenzene
Concen: 51.391 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion:105 Resp: 803190
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 52.078 ug/l
 RT: 11.890 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: VX034238.D
 Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

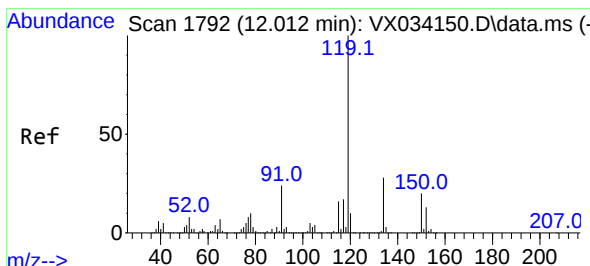
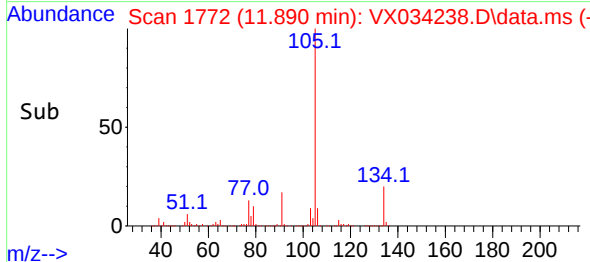
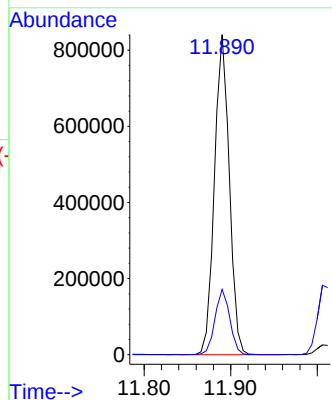
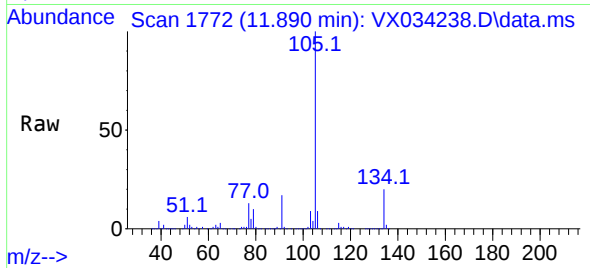
Tgt Ion:105 Resp: 1001187
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.8 32.3

Manual Integrations

APPROVED

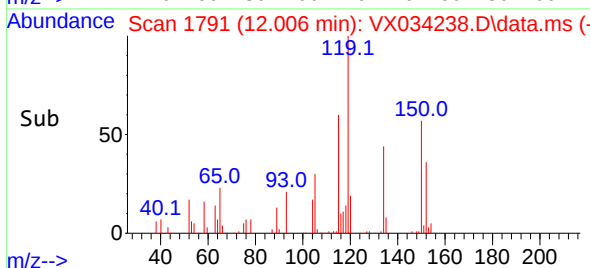
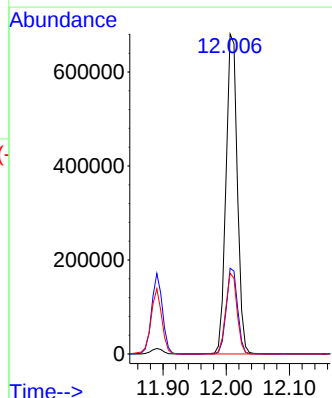
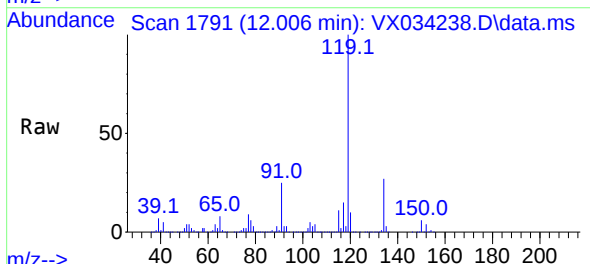
Reviewed By :John Carlone 02/24/2023

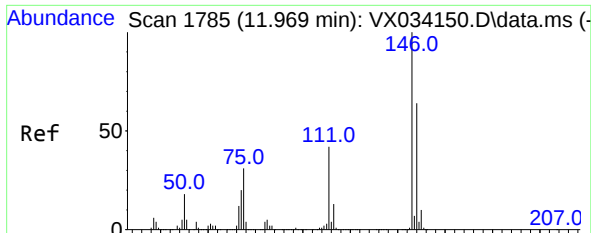
Supervised By :Mahesh Dadoda 02/24/2023



#86
 p-Isopropyltoluene
 Concen: 52.994 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034238.D
 Acq: 23 Feb 2023 10:26

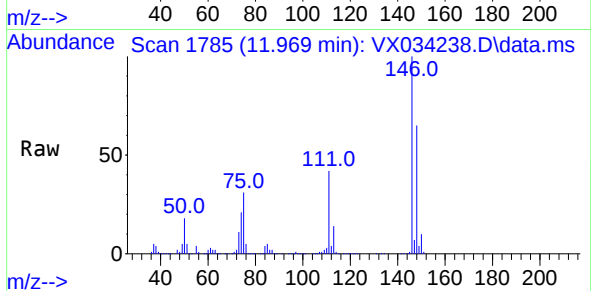
Tgt Ion:119 Resp: 843156
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 25.1 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 52.245 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

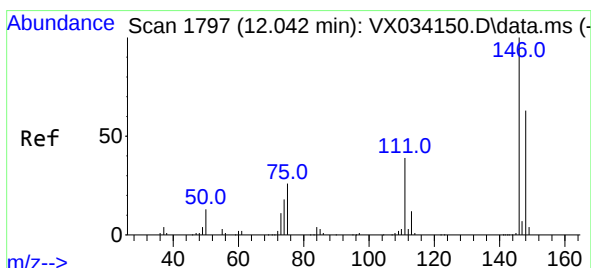
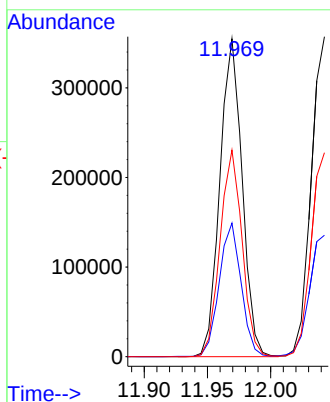
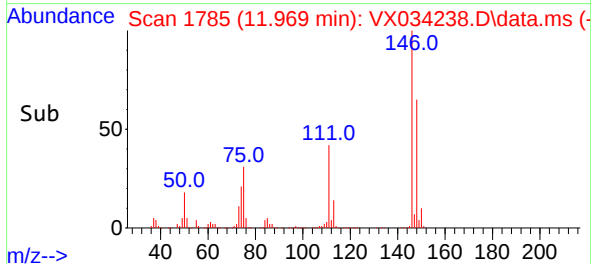
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



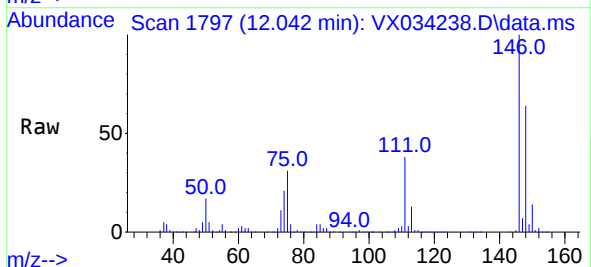
Tgt Ion:146 Resp: 433507
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.5 31.9 95.5

Manual Integrations
APPROVED

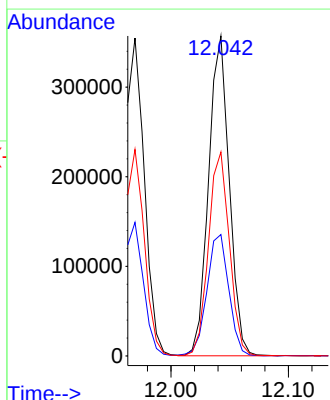
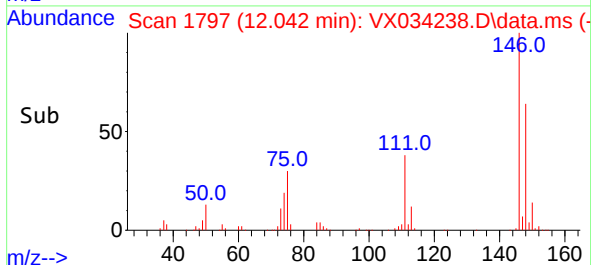
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

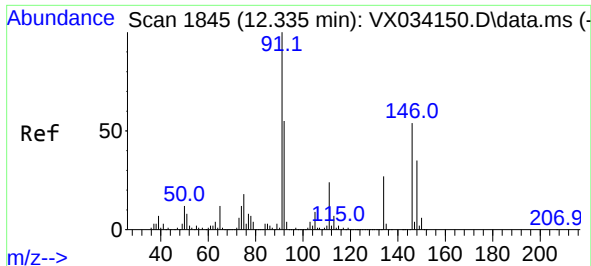


#88
1,4-Dichlorobenzene
Concen: 52.347 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion:146 Resp: 438107
Ion Ratio Lower Upper
146 100
111 40.2 17.8 53.4
148 64.5 32.1 96.3





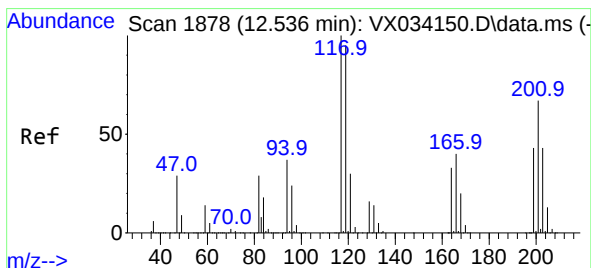
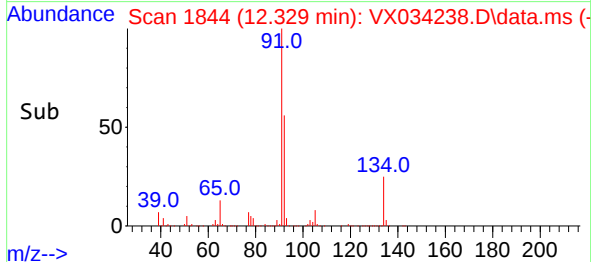
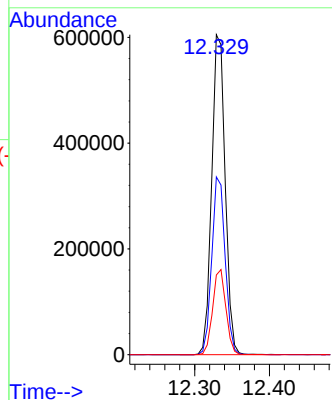
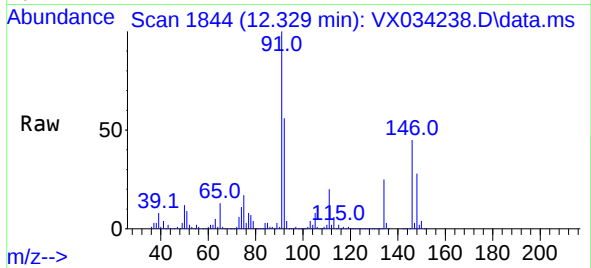
#89
n-Butylbenzene
Concen: 53.480 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 75785
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 26.1 14.3 42.9

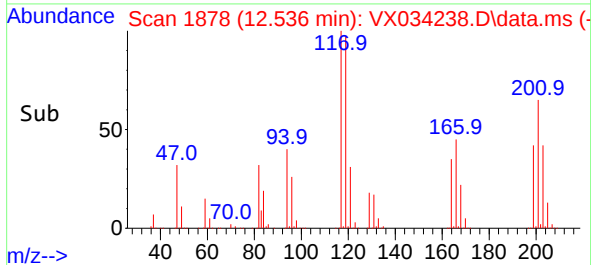
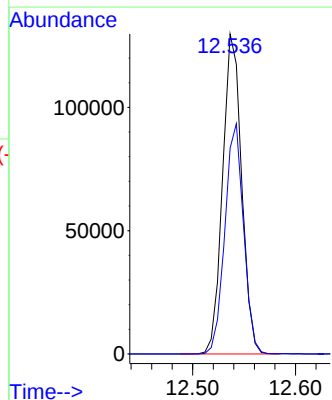
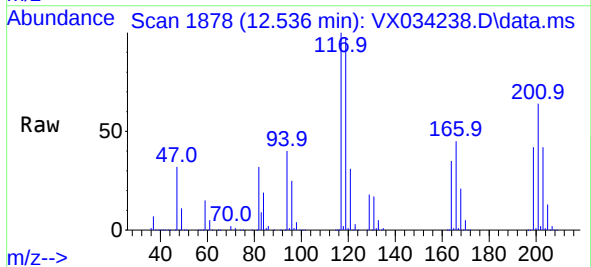
Manual Integrations
APPROVED

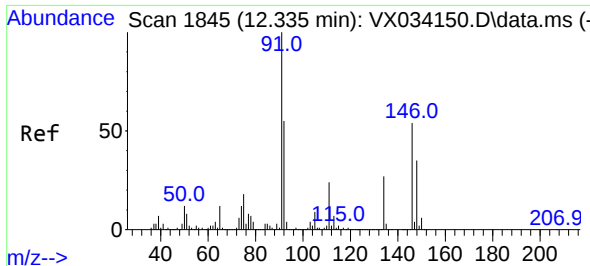
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#90
Hexachloroethane
Concen: 49.950 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

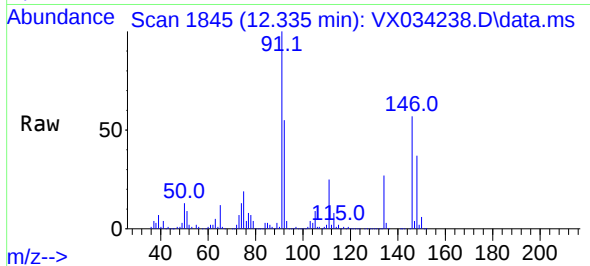
Tgt Ion:117 Resp: 166163
Ion Ratio Lower Upper
117 100
201 71.0 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 52.030 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

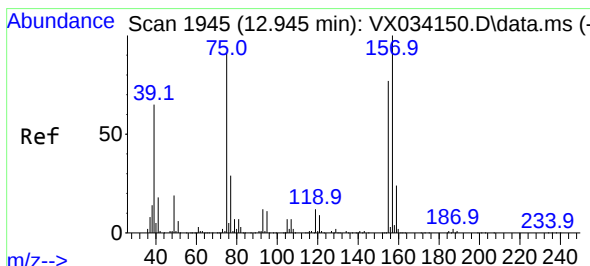
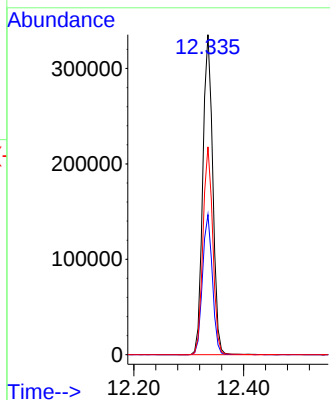
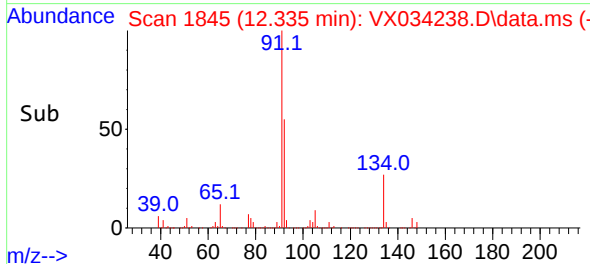
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



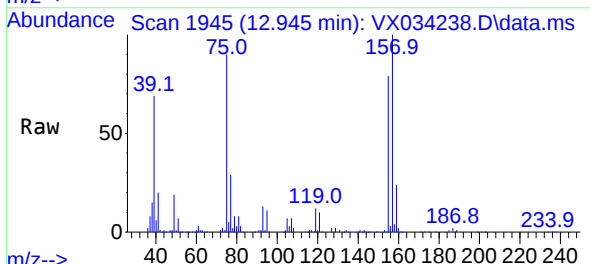
Tgt Ion:146 Resp: 422400
Ion Ratio Lower Upper
146 100
111 43.3 19.3 57.8
148 64.0 32.3 96.9

Manual Integrations
APPROVED

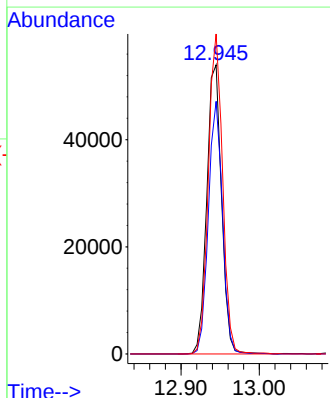
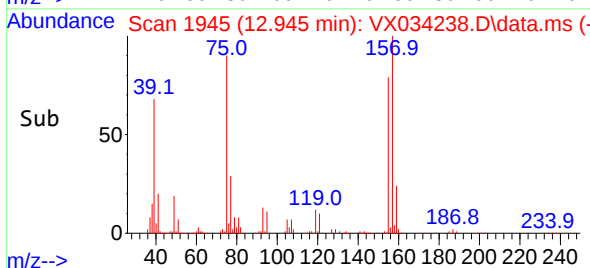
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

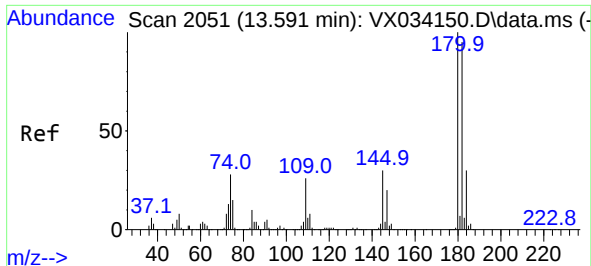


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.984 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26



Tgt Ion: 75 Resp: 70453
Ion Ratio Lower Upper
75 100
155 83.6 51.7 155.1
157 107.4 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 52.349 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

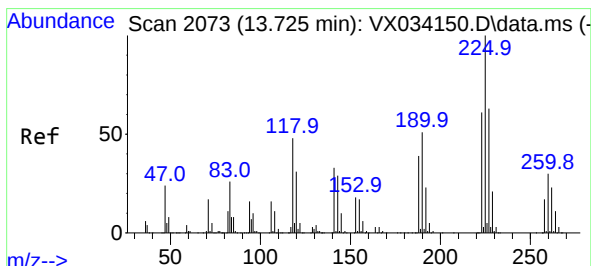
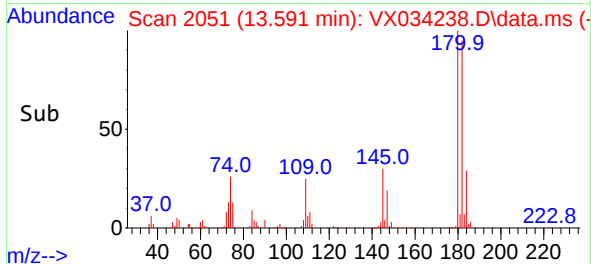
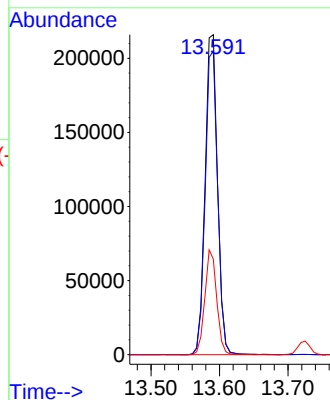
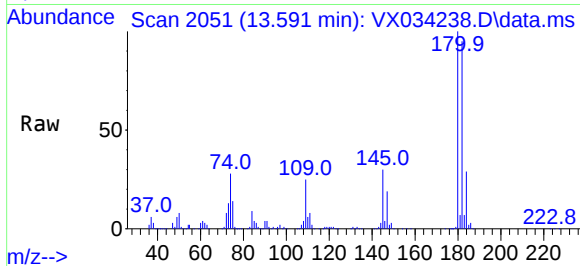
VSTDCCC050

Tgt Ion:180 Resp: 272848
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 31.3 14.1 42.2

Manual Integrations

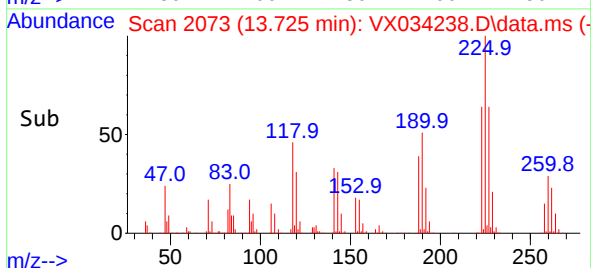
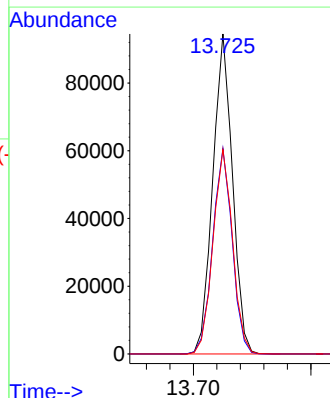
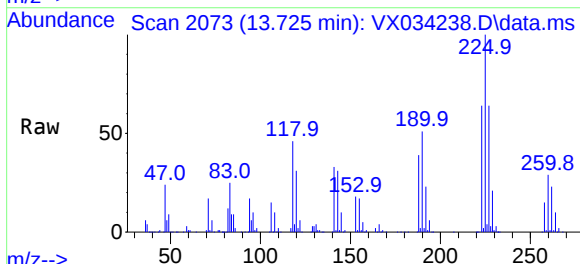
APPROVED

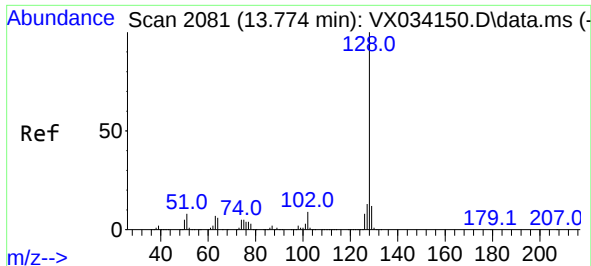
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#94
Hexachlorobutadiene
Concen: 50.754 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Tgt Ion:225 Resp: 109665
Ion Ratio Lower Upper
225 100
223 63.5 31.3 93.9
227 63.8 32.3 96.9





#95
Naphthalene
Concen: 50.941 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

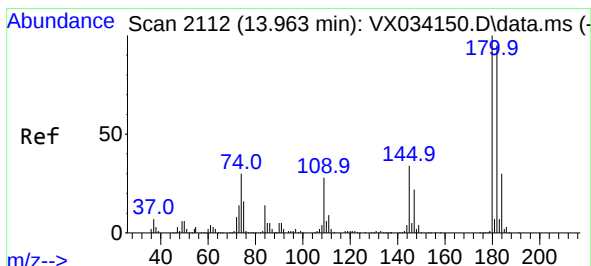
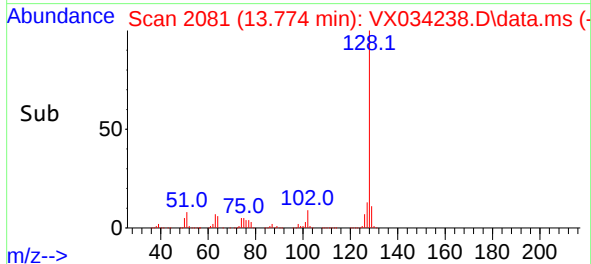
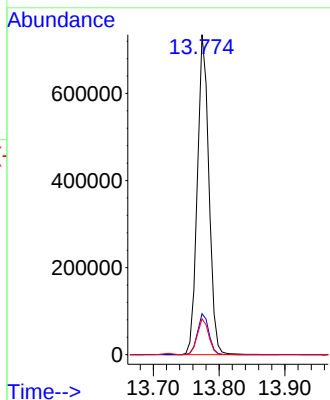
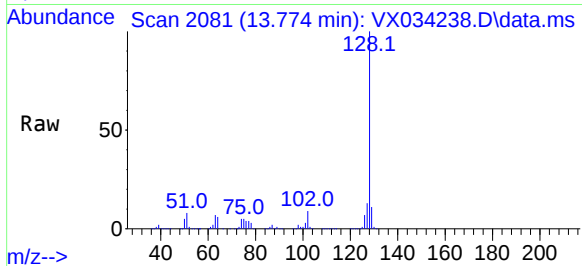
VSTDCCC050

Tgt Ion:128 Resp: 894430
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.654 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034238.D
Acq: 23 Feb 2023 10:26

Tgt Ion:180 Resp: 267283
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 33.5 15.1 45.3

