

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033877.D
 Acq On : 24 Jan 2023 19:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Mahesh Dadoda 01/26/2023

Quant Time: Jan 25 03:21:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81143	48.661	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.320%		
35) Dibromofluoromethane	5.385	113	74929	54.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.340%		
50) Toluene-d8	8.647	98	269269	53.432	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.860%		
62) 4-Bromofluorobenzene	11.079	95	102945	55.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	59253	47.344	ug/l	99
3) Chloromethane	1.295	50	71707	51.871	ug/l	98
4) Vinyl Chloride	1.374	62	71048	52.957	ug/l	99
5) Bromomethane	1.618	94	44031	57.120	ug/l	98
6) Chloroethane	1.691	64	35853	43.226	ug/l	99
7) Trichlorofluoromethane	1.886	101	109884	50.505	ug/l	97
8) Diethyl Ether	2.130	74	44973	63.129	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	67572	53.836	ug/l	94
10) Methyl Iodide	2.453	142	97104	55.200	ug/l	91
11) Tert butyl alcohol	3.008	59	67997m	234.731	ug/l	
12) 1,1-Dichloroethene	2.319	96	65754	51.026	ug/l	90
13) Acrolein	2.239	56	75149	281.166	ug/l	99
14) Allyl chloride	2.666	41	116440	47.907	ug/l	89
15) Acrylonitrile	3.069	53	194673	255.351	ug/l	99
16) Acetone	2.392	43	161921	268.090	ug/l	90
17) Carbon Disulfide	2.514	76	146609	45.139	ug/l	100
18) Methyl Acetate	2.703	43	120625	51.833	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	225134	50.302	ug/l	100
20) Methylene Chloride	2.788	84	76050	52.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	71125	47.213	ug/l	96
22) Diisopropyl ether	3.758	45	237204	48.506	ug/l	95
23) Vinyl Acetate	3.721	43	906445	246.228	ug/l	98
24) 1,1-Dichloroethane	3.611	63	128098	47.878	ug/l	99
25) 2-Butanone	4.562	43	263460	241.810	ug/l	94
26) 2,2-Dichloropropane	4.477	77	90147	47.038	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	85002	49.079	ug/l	97
28) Bromochloromethane	4.898	49	57019	46.786	ug/l	95
29) Tetrahydrofuran	5.007	42	169626	247.018	ug/l	97
30) Chloroform	5.093	83	133821	48.835	ug/l	98
31) Cyclohexane	5.471	56	109917	44.795	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	113317	48.434	ug/l	99
36) 1,1-Dichloropropene	5.690	75	95715	47.417	ug/l	98
37) Ethyl Acetate	4.715	43	102221	53.258	ug/l	99
38) Carbon Tetrachloride	5.678	117	104067	49.776	ug/l	97
39) Methylcyclohexane	7.379	83	116478	46.725	ug/l	98
40) Benzene	6.038	78	293635	49.906	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	60217	54.133	ug/l	98
42) 1,2-Dichloroethane	6.086	62	100587	48.241	ug/l	98
43) Isopropyl Acetate	6.336	43	163347	51.259	ug/l	97
44) Trichloroethene	7.123	130	86435	52.534	ug/l	98
45) 1,2-Dichloropropane	7.434	63	75281	51.076	ug/l	97
46) Dibromomethane	7.580	93	53503	51.970	ug/l	97
47) Bromodichloromethane	7.824	83	104082	52.460	ug/l	97
48) Methyl methacrylate	7.690	41	83519	52.028	ug/l	96
49) 1,4-Dioxane	7.714	88	33670	948.229	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	521908	266.672	ug/l	99
52) Toluene	8.720	92	194060	51.074	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106885	53.869	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120216	54.072	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	80496	53.521	ug/l	97
56) Ethyl methacrylate	9.116	69	119057	56.248	ug/l	96
57) 1,3-Dichloropropane	9.305	76	130629	53.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	269344	258.381	ug/l	99
59) 2-Hexanone	9.433	43	379161	278.347	ug/l	98
60) Dibromochloromethane	9.519	129	90130	57.803	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85198	56.761	ug/l	99
64) Tetrachloroethene	9.275	164	78945	55.840	ug/l	98
65) Chlorobenzene	10.080	112	217281	52.102	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84034	54.754	ug/l	99
67) Ethyl Benzene	10.195	91	370273	51.713	ug/l	99
68) m/p-Xylenes	10.299	106	298010	106.409	ug/l	97
69) o-Xylene	10.640	106	146909	52.895	ug/l	98
70) Styrene	10.653	104	247385	54.768	ug/l	100
71) Bromoform	10.799	173	72795	56.603	ug/l	99
73) Isopropylbenzene	10.964	105	380977	53.164	ug/l	99
74) N-amyl acetate	10.842	43	143528	50.040	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	115000	55.065	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94735m	47.204	ug/l	
77) Bromobenzene	11.195	156	104994	54.334	ug/l	98
78) n-propylbenzene	11.305	91	429242	48.159	ug/l	99
79) 2-Chlorotoluene	11.366	91	252917	52.686	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	321025	48.842	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33685	52.164	ug/l	96
82) 4-Chlorotoluene	11.451	91	289827	52.755	ug/l	98
83) tert-Butylbenzene	11.713	119	329459	50.484	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	321085	51.643	ug/l	99
85) sec-Butylbenzene	11.890	105	399439	51.173	ug/l	99
86) p-Isopropyltoluene	12.006	119	347570	52.009	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	190285	51.557	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	188183	50.052	ug/l	99
89) n-Butylbenzene	12.329	91	279254	51.078	ug/l	100
90) Hexachloroethane	12.536	117	58096	52.849	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	186005	52.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23027	51.662	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	130638	54.455	ug/l	99
94) Hexachlorobutadiene	13.725	225	60995	51.904	ug/l	99
95) Naphthalene	13.774	128	374154	54.210	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129334	53.878	ug/l	100

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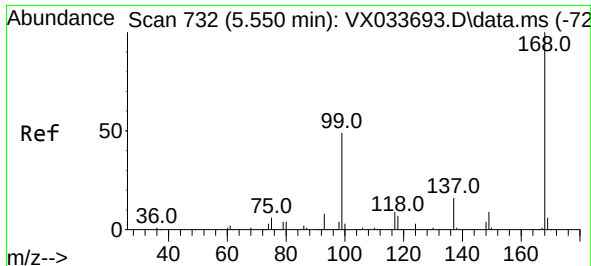
Manual Integrations
APPROVED

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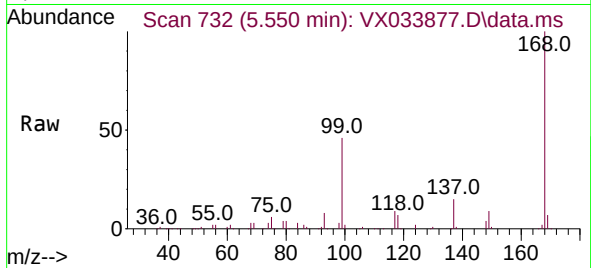
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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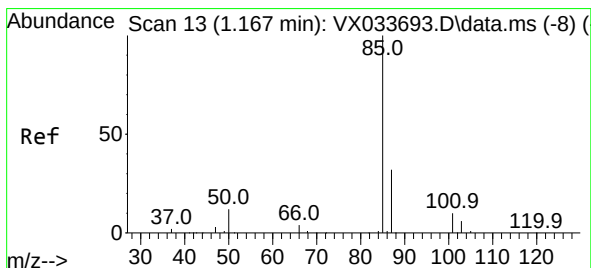
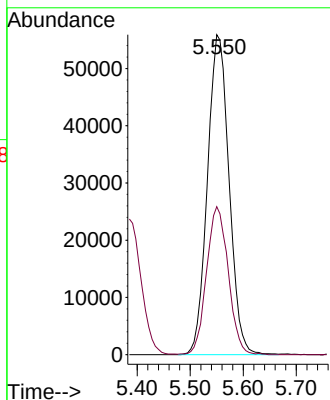
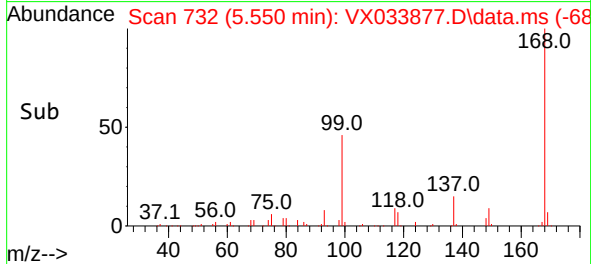
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 15837
Ion Ratio Lower Upper
168 100
99 46.2 39.6 59.4

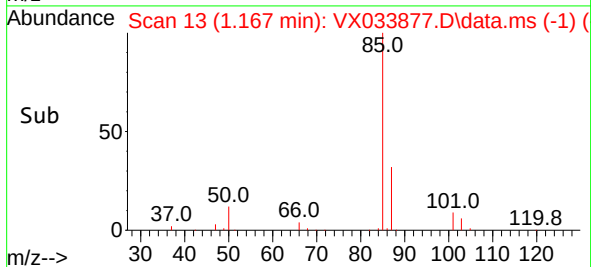
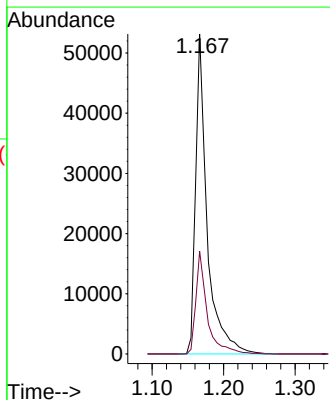
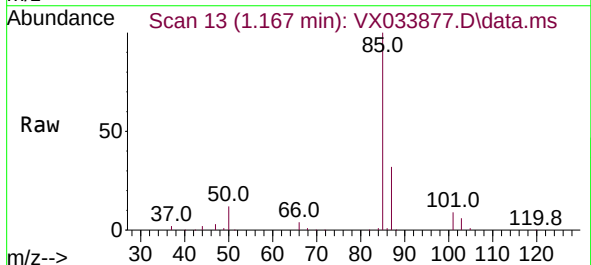
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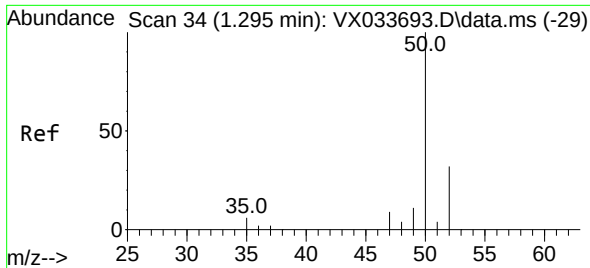
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#2
Dichlorodifluoromethane
Concen: 47.344 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 85 Resp: 59253
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





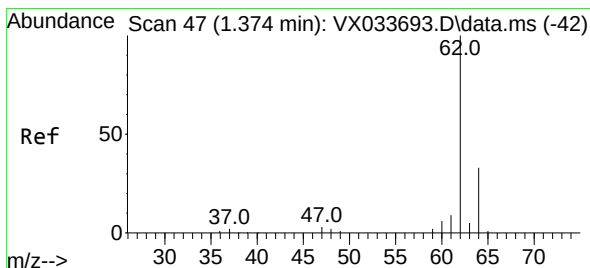
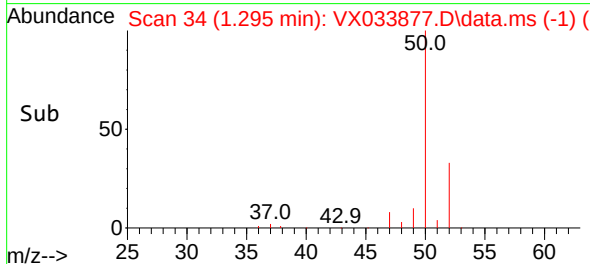
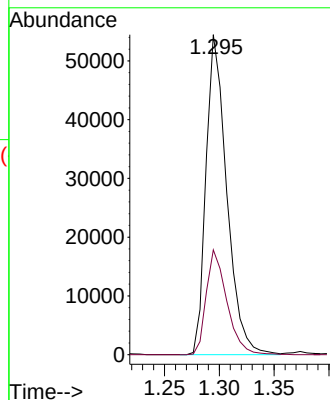
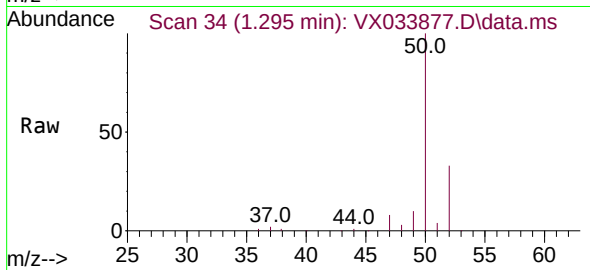
#3
Chloromethane
Concen: 51.871 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

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Tgt Ion: 50 Resp: 7170
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8

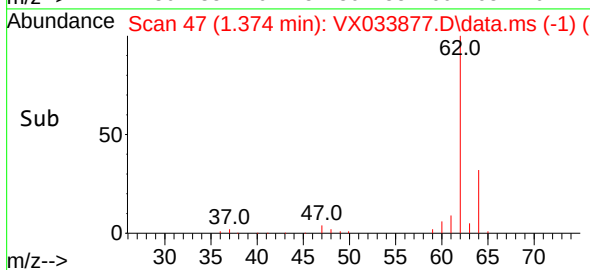
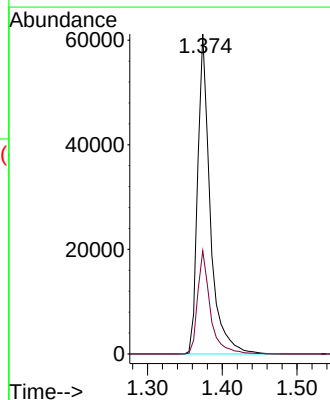
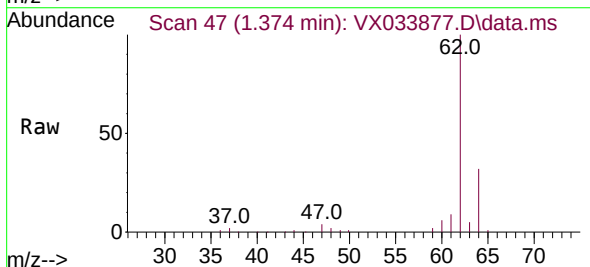
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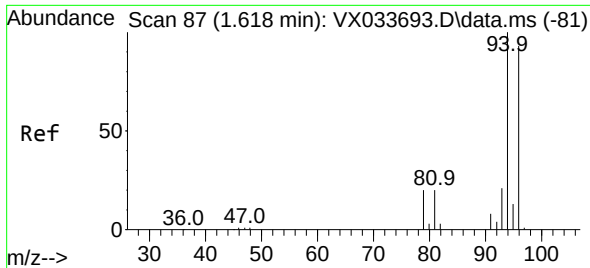
Reviewed By :John Carlone 01/25/2023
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#4
Vinyl Chloride
Concen: 52.957 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033877.D
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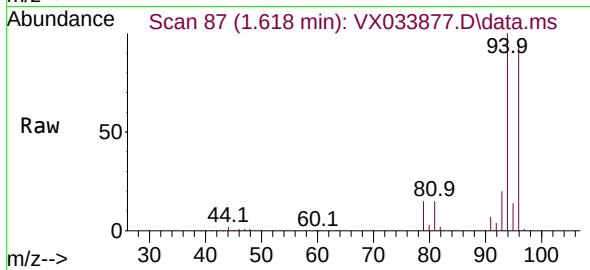
Tgt Ion: 62 Resp: 71048
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4





#5
Bromomethane
Concen: 57.120 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

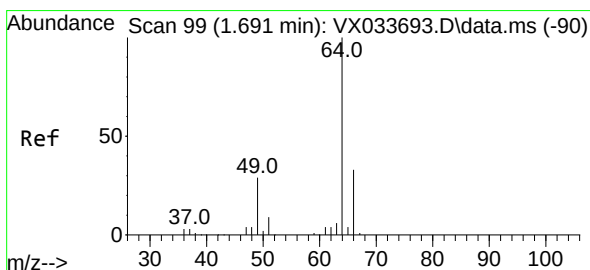
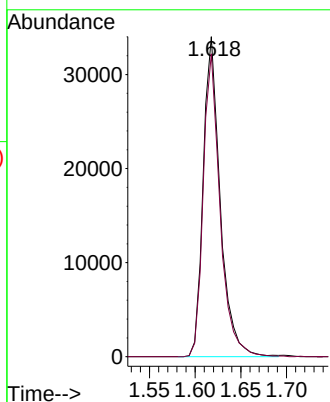
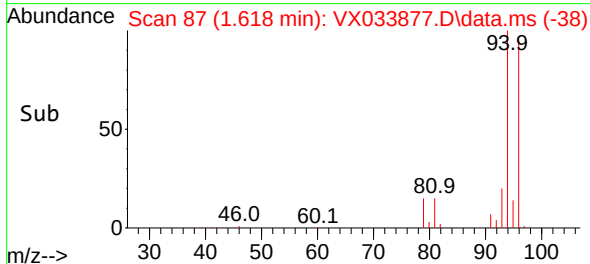
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Tgt Ion: 94 Resp: 4403
Ion Ratio Lower Upper
94 100
96 94.7 74.3 111.5

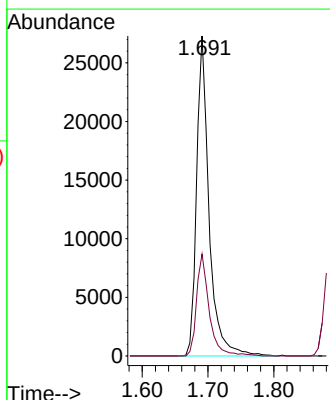
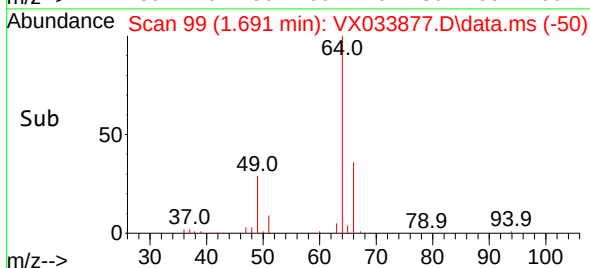
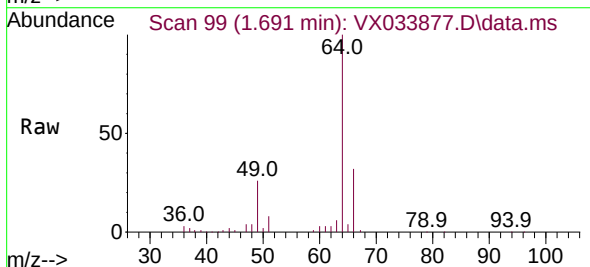
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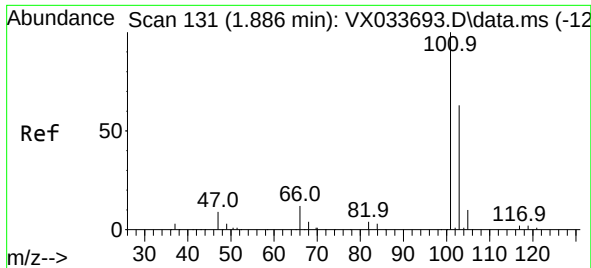
Reviewed By :John Carlone 01/25/2023
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#6
Chloroethane
Concen: 43.226 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033877.D
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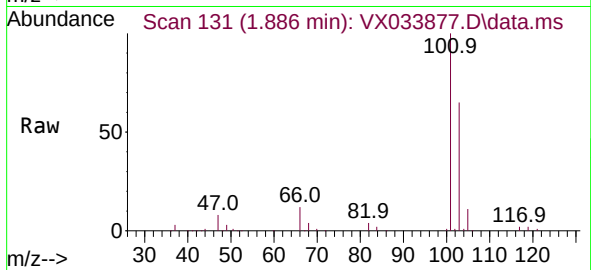
Tgt Ion: 64 Resp: 35853
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 50.505 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033877.D
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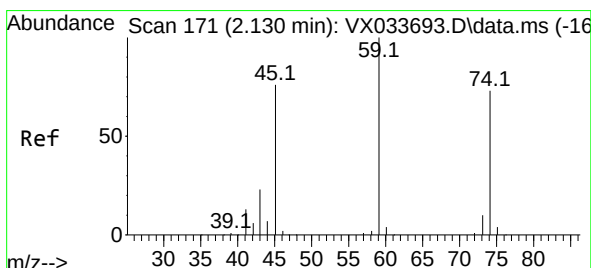
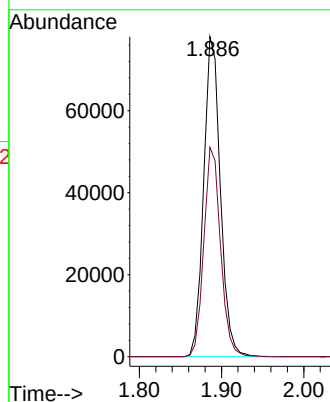
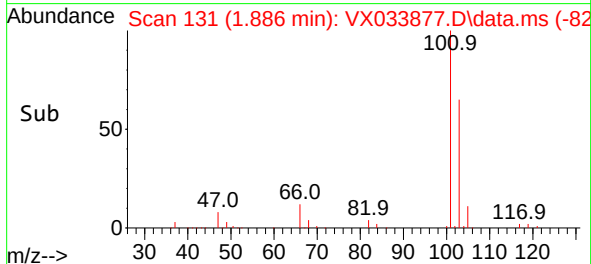
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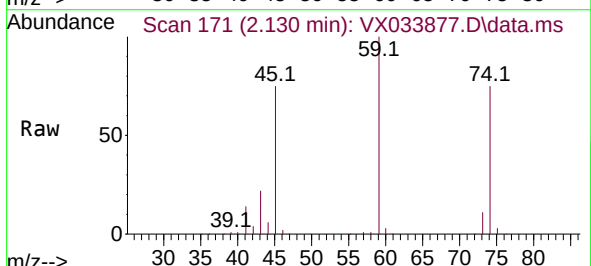
Tgt Ion:101 Resp: 109884
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

Manual Integrations
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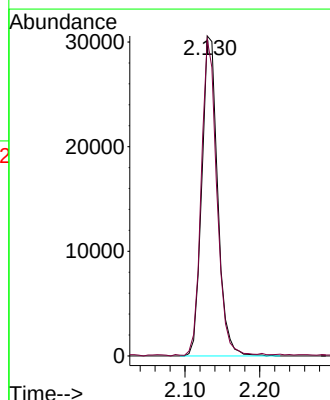
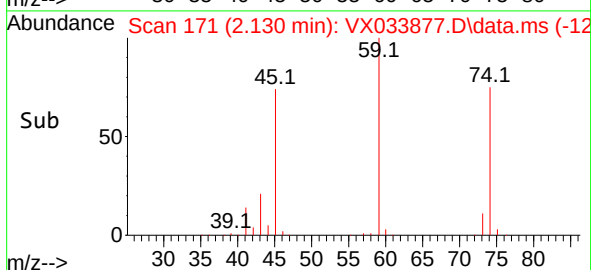
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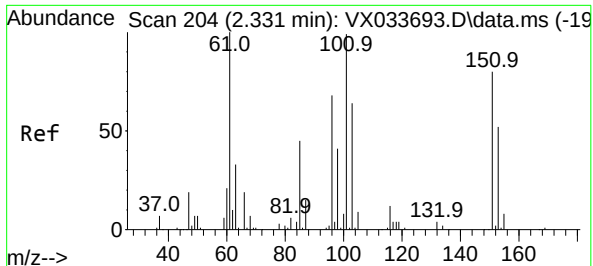


#8
Diethyl Ether
Concen: 63.129 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 44973
Ion Ratio Lower Upper
74 100
45 98.2 51.5 154.5





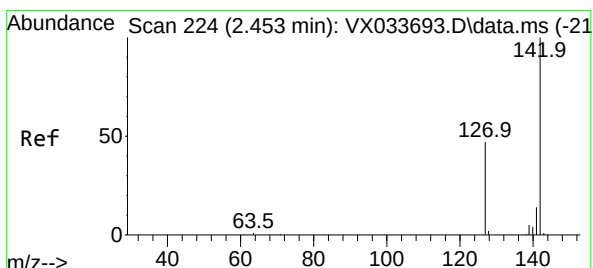
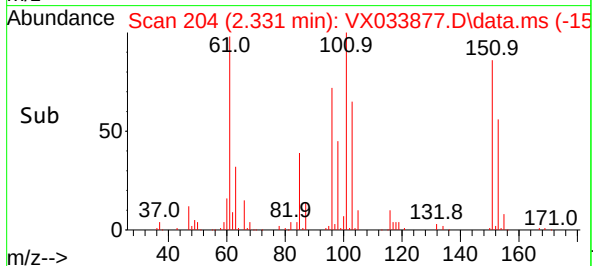
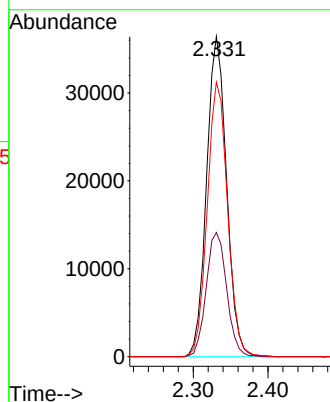
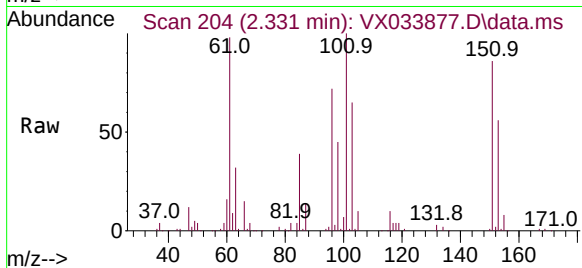
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.836 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 67572
Ion Ratio Lower Upper
101 100
85 39.7 36.7 55.1
151 87.2 66.5 99.7

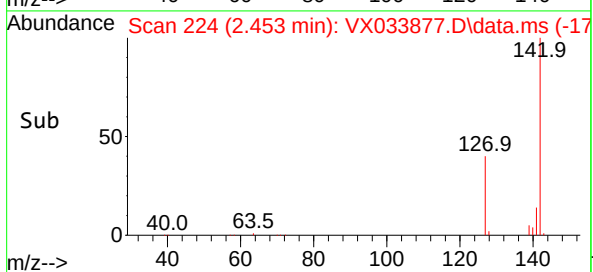
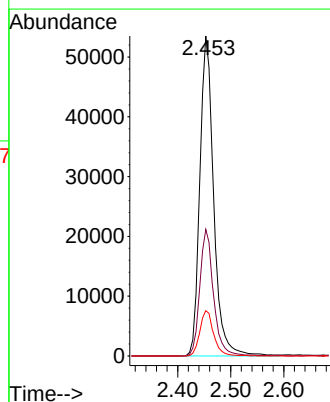
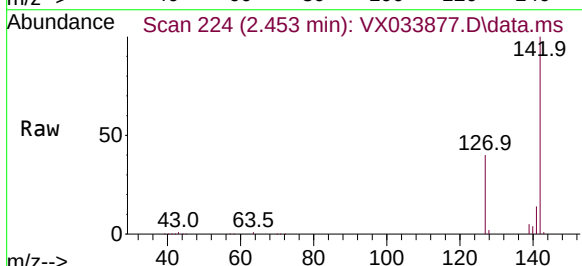
Manual Integrations
APPROVED

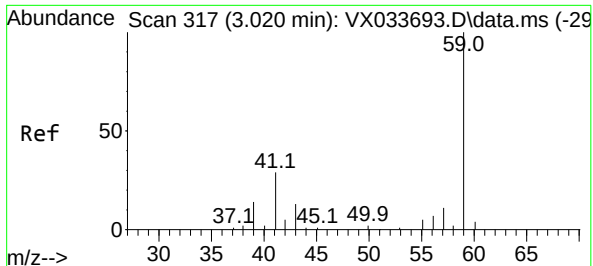
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#10
Methyl Iodide
Concen: 55.200 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

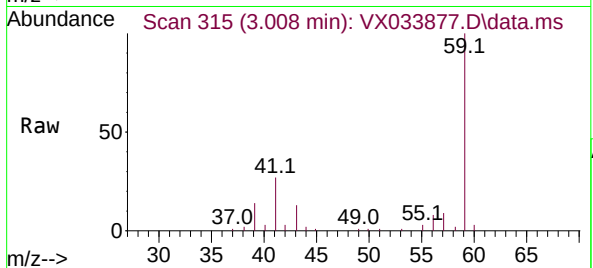
Tgt Ion:142 Resp: 97104
Ion Ratio Lower Upper
142 100
127 39.2 37.3 55.9
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 234.731 ug/l m
RT: 3.008 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

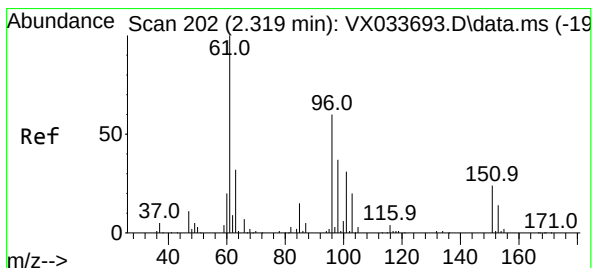
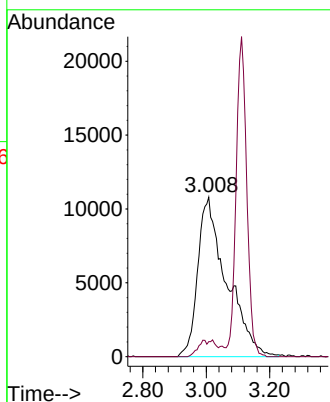
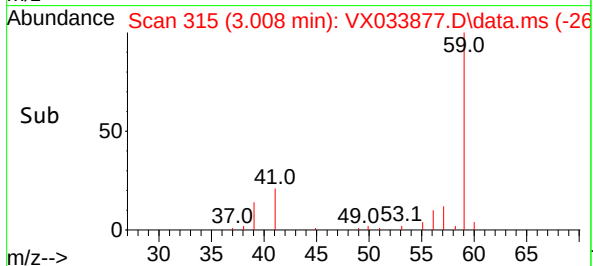
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



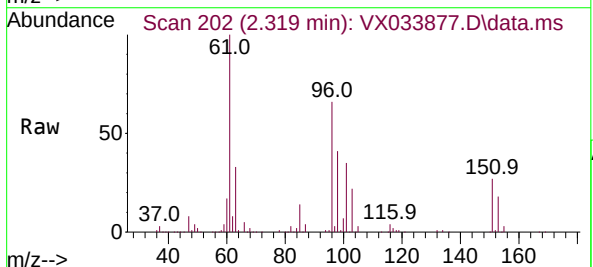
Tgt Ion: 59 Resp: 6799
Ion Ratio Lower Upper
59 100
57 3.2 3.7 5.5

Manual Integrations
APPROVED

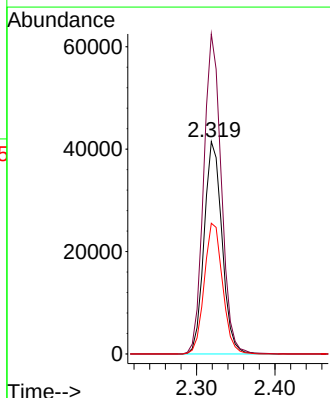
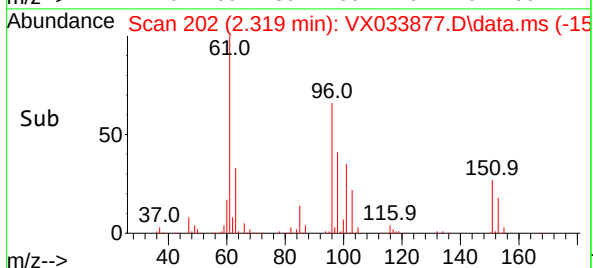
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

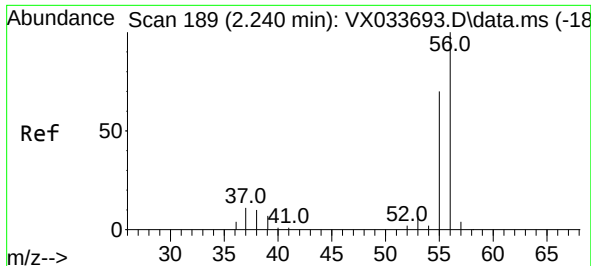


#12
1,1-Dichloroethene
Concen: 51.026 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



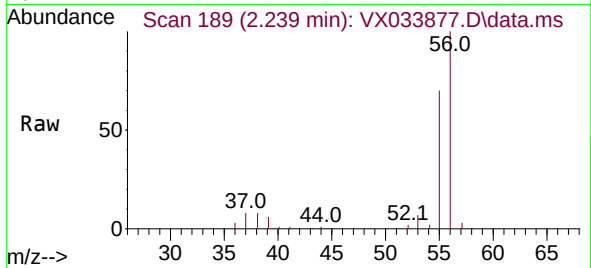
Tgt Ion: 96 Resp: 65754
Ion Ratio Lower Upper
96 100
61 150.7 134.2 201.4
98 61.5 50.2 75.2





#13
Acrolein
Concen: 281.166 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

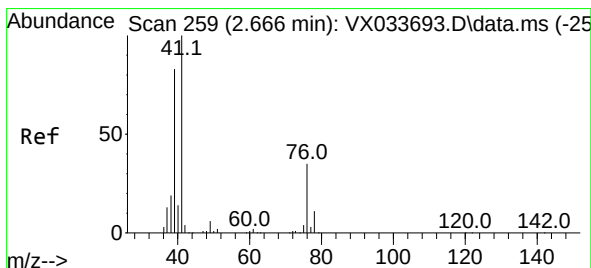
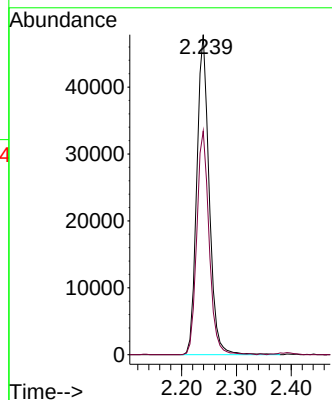
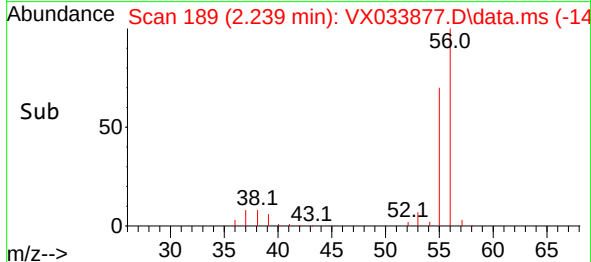
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 75149
Ion Ratio Lower Upper
56 100
55 69.8 56.3 84.5

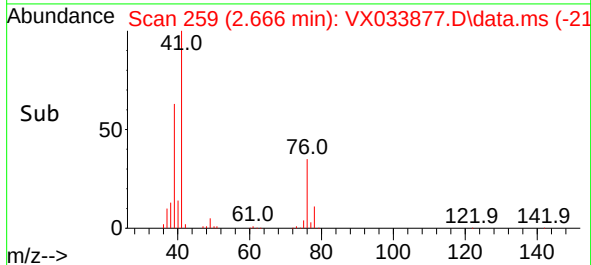
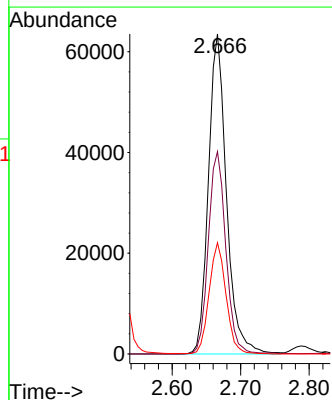
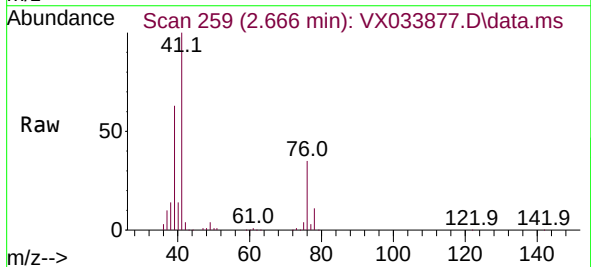
Manual Integrations
APPROVED

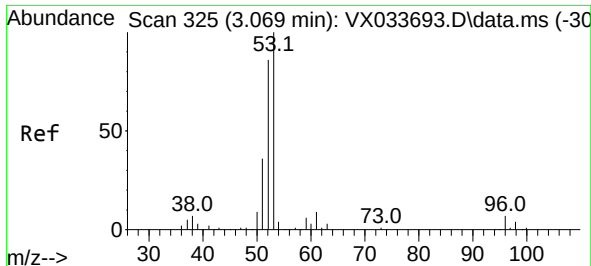
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#14
Allyl chloride
Concen: 47.907 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

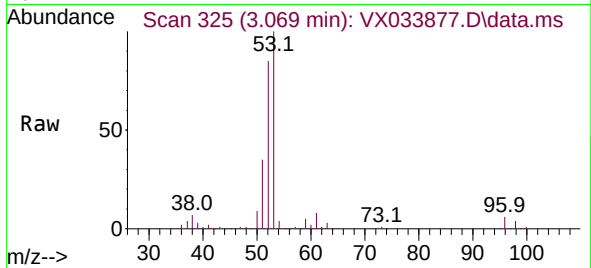
Tgt Ion: 41 Resp: 116440
Ion Ratio Lower Upper
41 100
39 61.4 59.0 88.4
76 32.5 24.6 37.0





#15
Acrylonitrile
Concen: 255.351 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

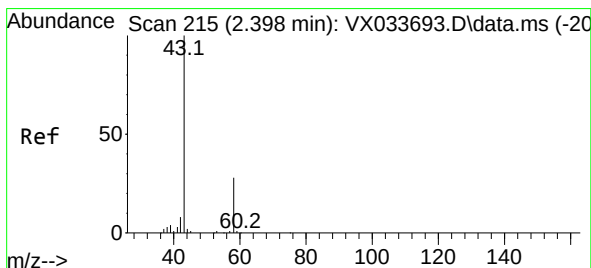
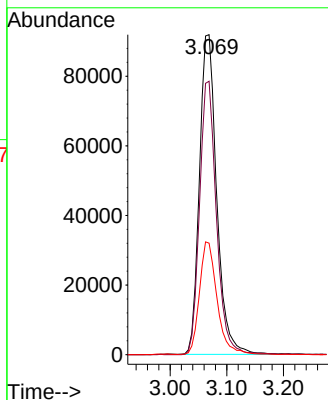
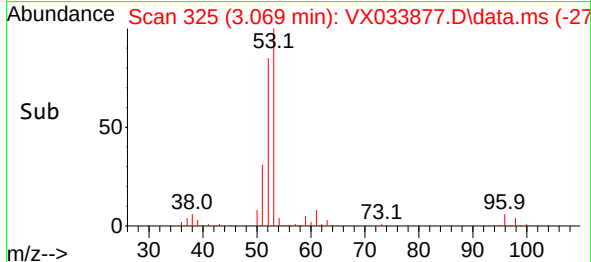
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 19467
Ion Ratio Lower Upper
53 100
52 83.7 65.7 98.5
51 35.8 29.0 43.4

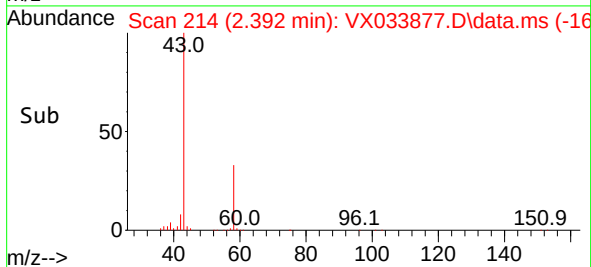
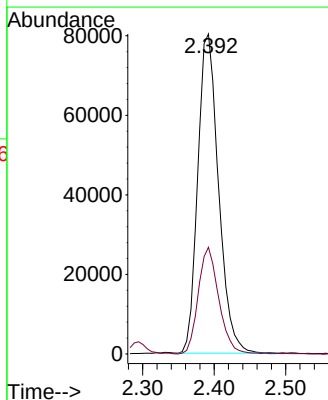
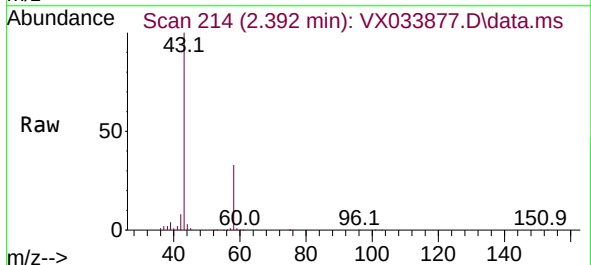
Manual Integrations
APPROVED

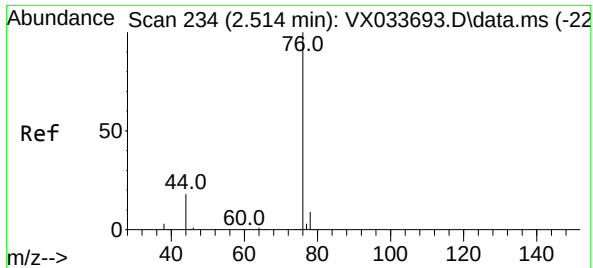
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#16
Acetone
Concen: 268.090 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

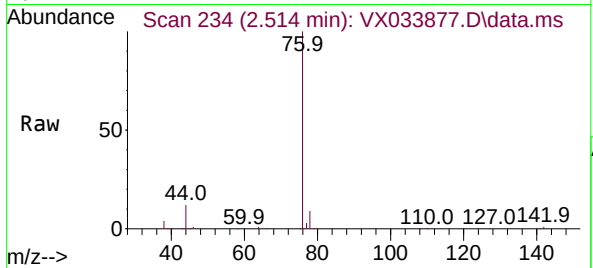
Tgt Ion: 43 Resp: 161921
Ion Ratio Lower Upper
43 100
58 33.5 22.6 33.8





#17
Carbon Disulfide
Concen: 45.139 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

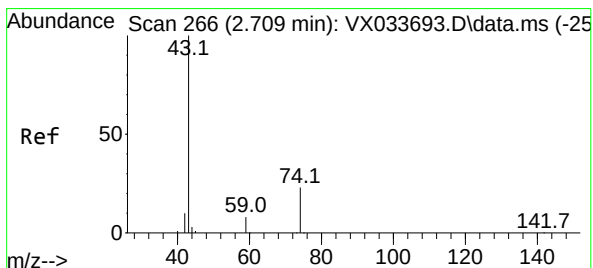
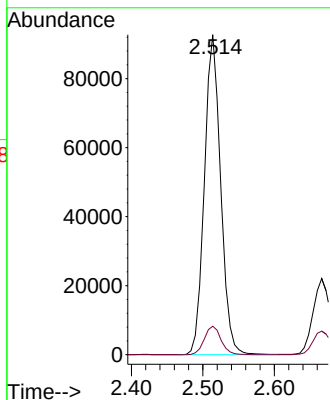
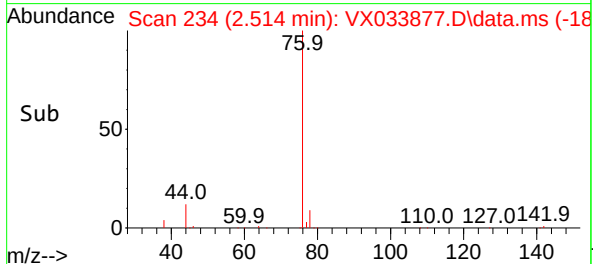
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



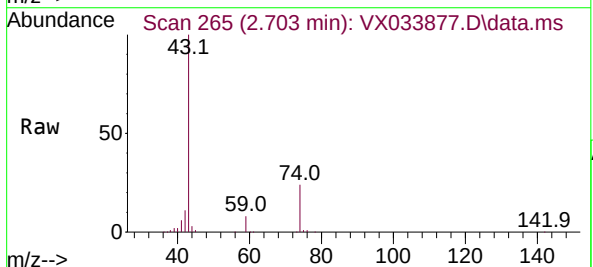
Tgt Ion: 76 Resp: 146609
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

Manual Integrations
APPROVED

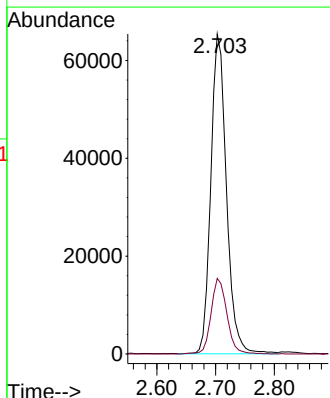
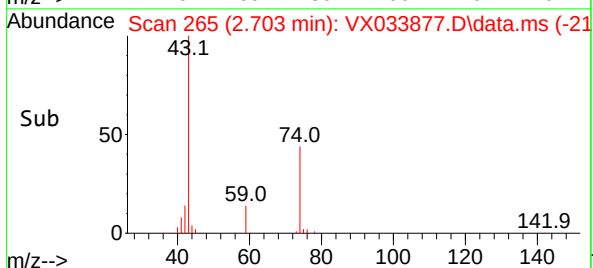
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

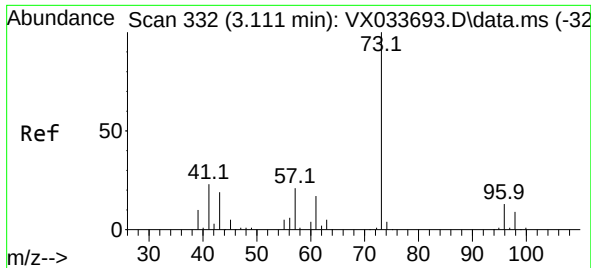


#18
Methyl Acetate
Concen: 51.833 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



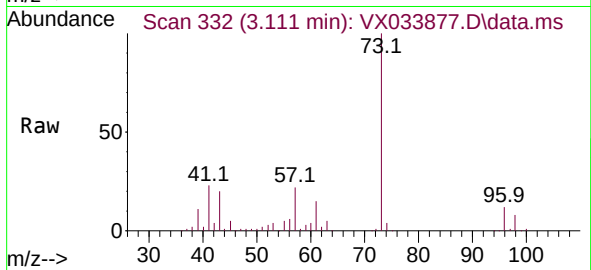
Tgt Ion: 43 Resp: 120625
Ion Ratio Lower Upper
43 100
74 24.0 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 50.302 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

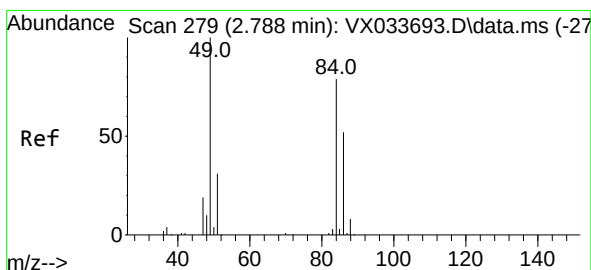
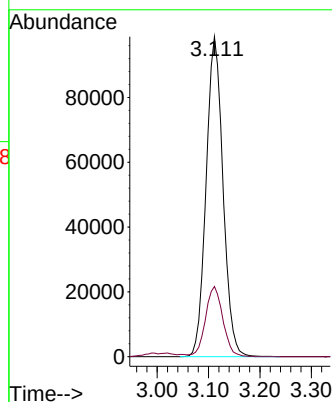
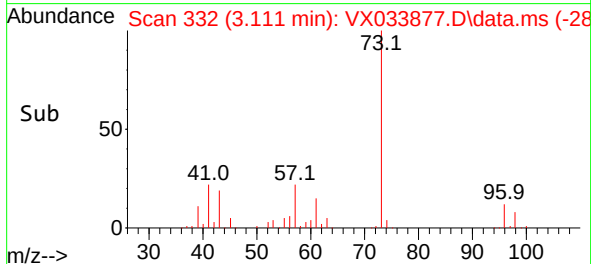
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 225134
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

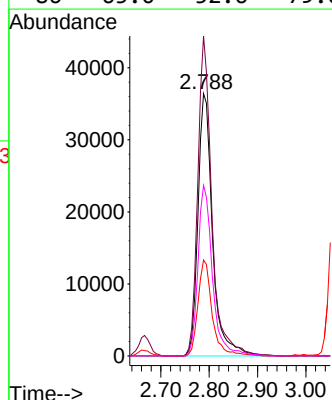
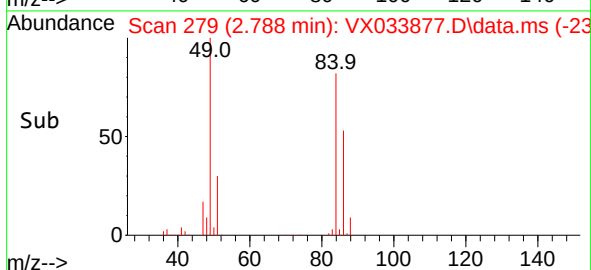
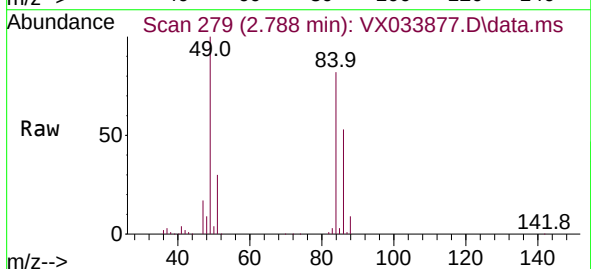
Manual Integrations
APPROVED

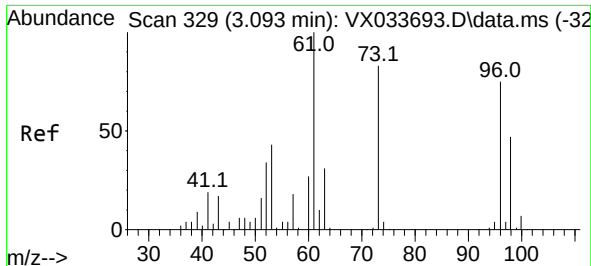
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#20
Methylene Chloride
Concen: 52.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

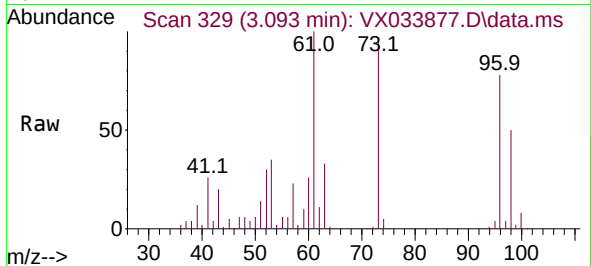
Tgt Ion: 84 Resp: 76050
Ion Ratio Lower Upper
84 100
49 122.0 101.1 151.7
51 36.6 31.0 46.6
86 65.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.213 ug/l
RT: 3.093 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

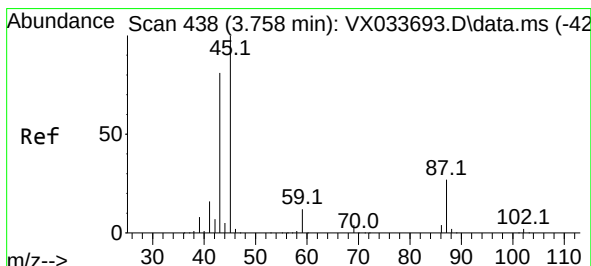
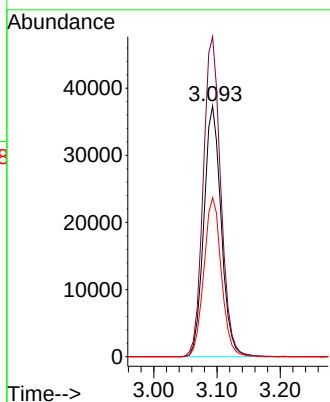
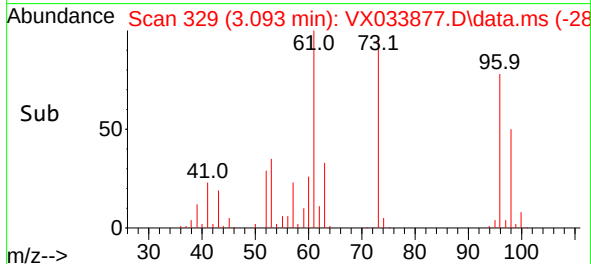
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



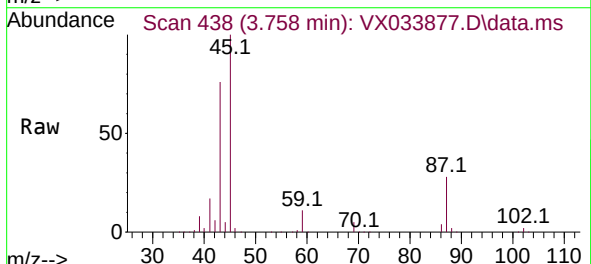
Tgt Ion: 96 Resp: 71125
Ion Ratio Lower Upper
96 100
61 127.7 106.7 160.1
98 63.4 50.0 75.0

Manual Integrations
APPROVED

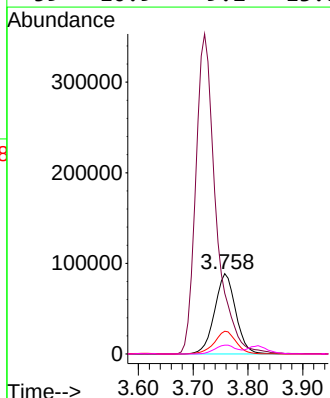
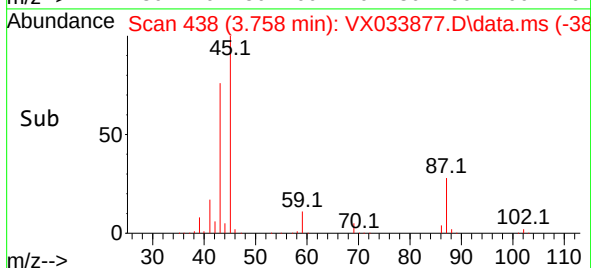
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

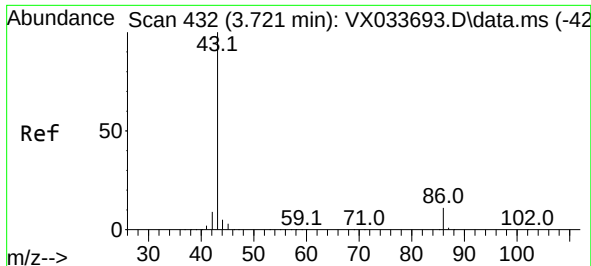


#22
Diisopropyl ether
Concen: 48.506 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



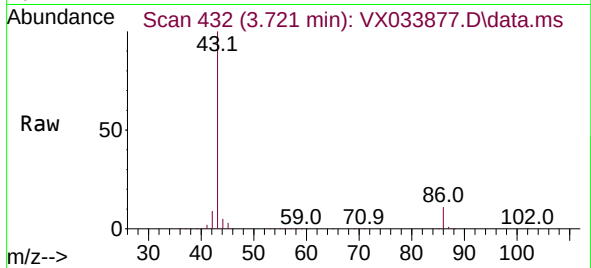
Tgt Ion: 45 Resp: 237204
Ion Ratio Lower Upper
45 100
43 75.0 64.6 97.0
87 28.2 21.9 32.9
59 10.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 246.228 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033877.D
 Acq: 24 Jan 2023 19:02

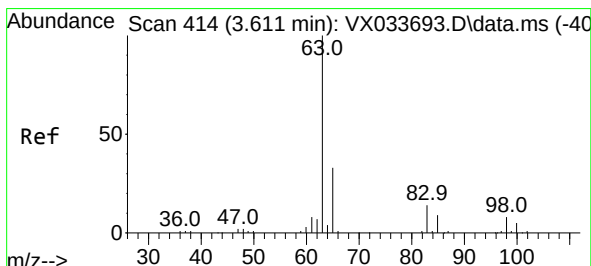
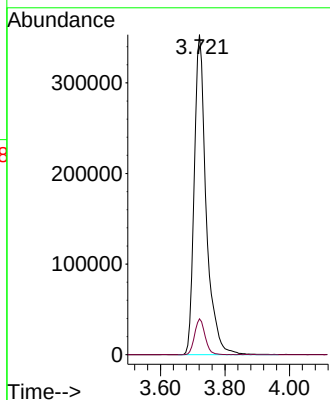
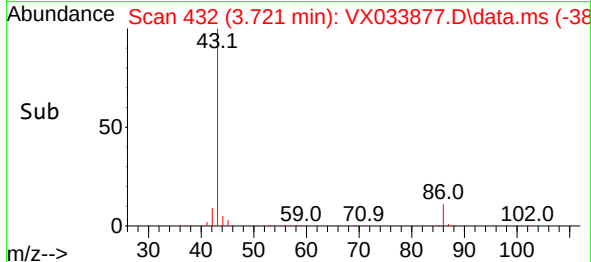
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



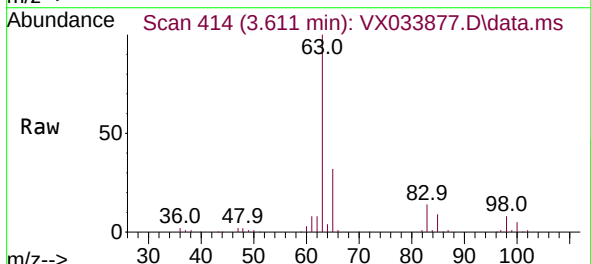
Tgt Ion: 43 Resp: 906445
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6

Manual Integrations
 APPROVED

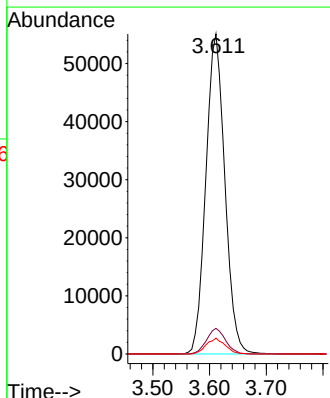
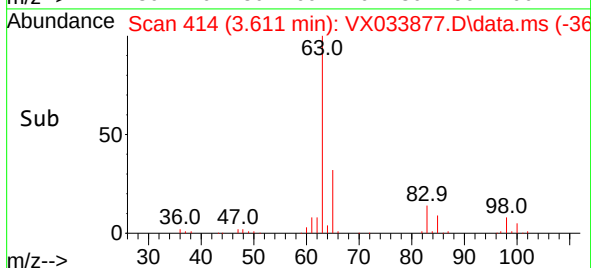
Reviewed By :John Carlone 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023

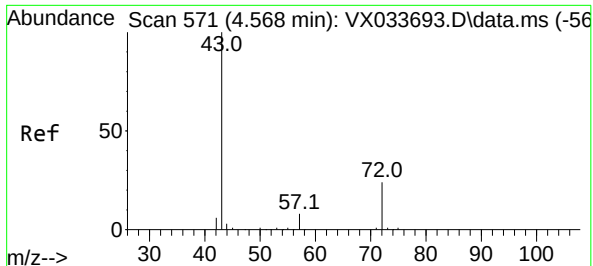


#24
 1,1-Dichloroethane
 Concen: 47.878 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033877.D
 Acq: 24 Jan 2023 19:02



Tgt Ion: 63 Resp: 128098
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.9 2.4 7.2





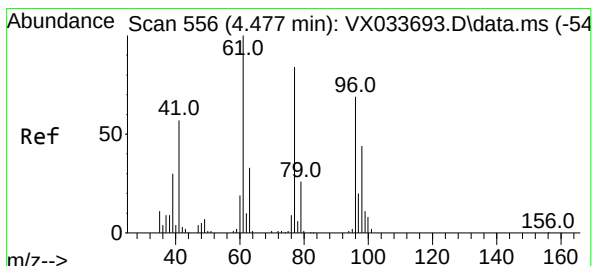
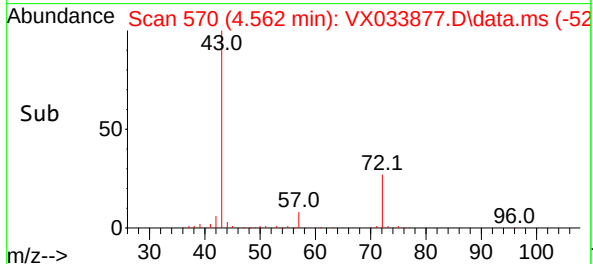
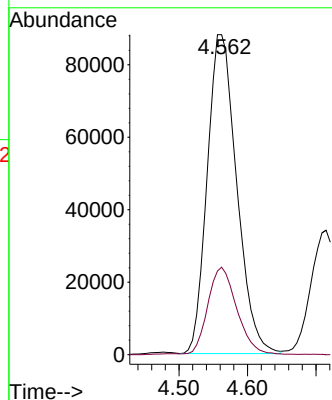
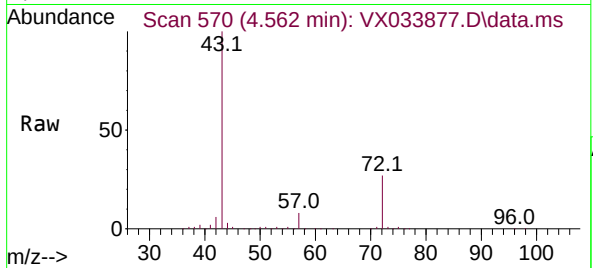
#25
2-Butanone
Concen: 241.810 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 263460
Ion Ratio Lower Upper
43 100
72 27.2 19.4 29.2

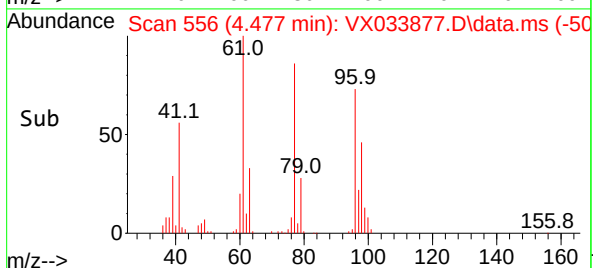
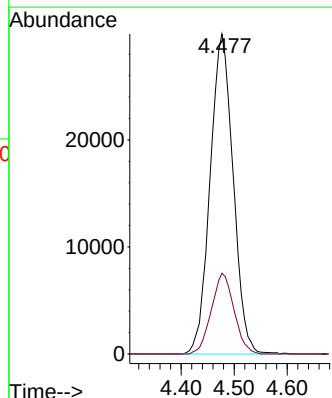
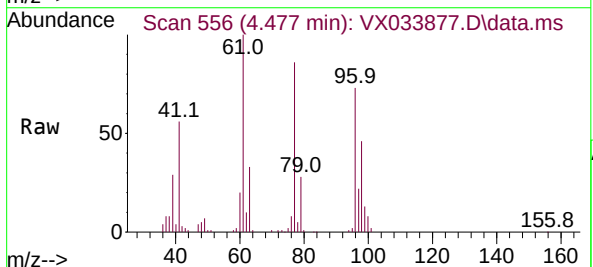
Manual Integrations
APPROVED

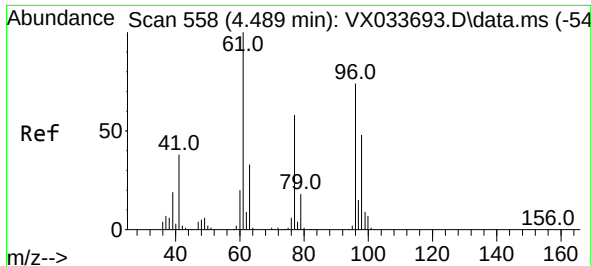
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#26
2,2-Dichloropropane
Concen: 47.038 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 77 Resp: 90147
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.079 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 8500

Ion Ratio Lower Upper

96 100

61 134.8 0.0 277.6

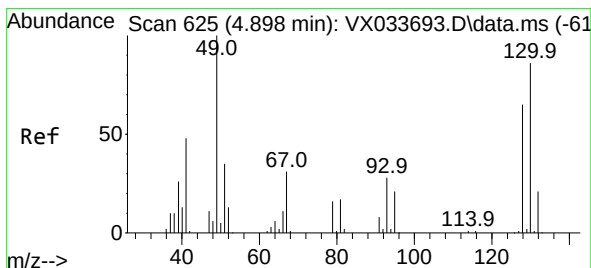
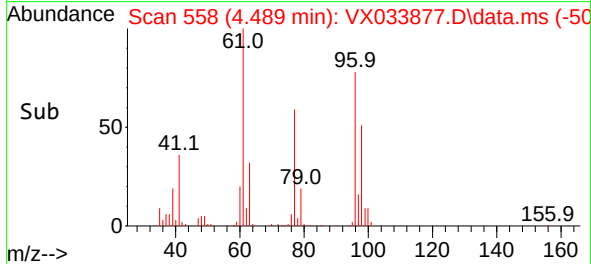
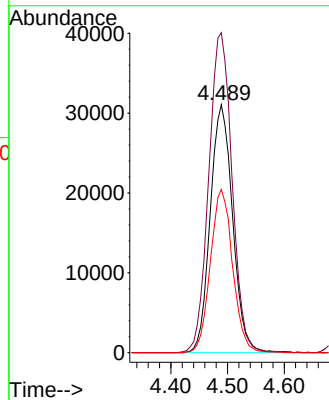
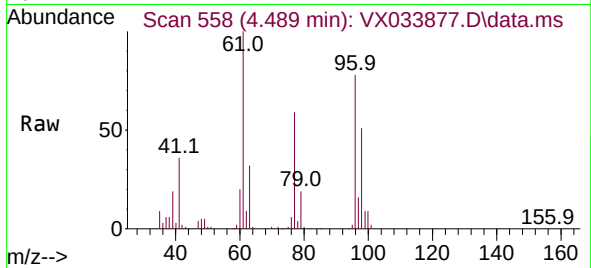
98 65.6 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#28

Bromochloromethane

Concen: 46.786 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

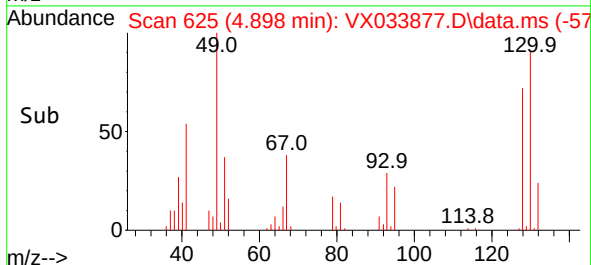
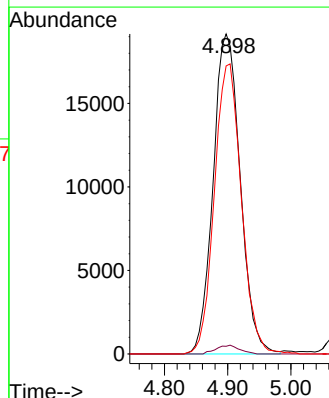
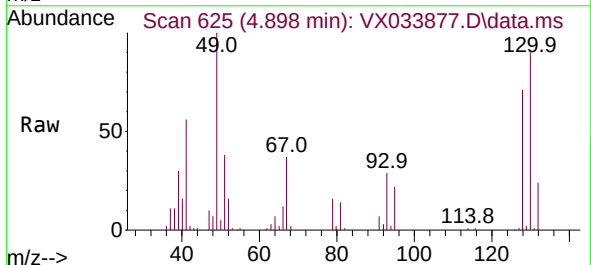
Tgt Ion: 49 Resp: 57019

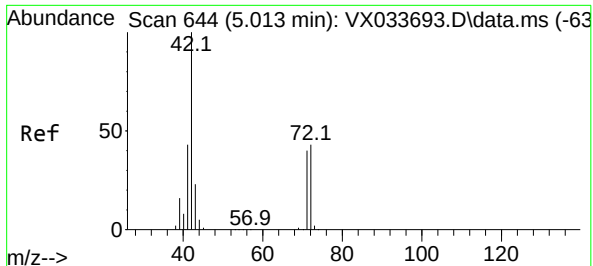
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 247.018 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 169620

Ion Ratio Lower Upper

42 100

72 45.7 34.8 52.2

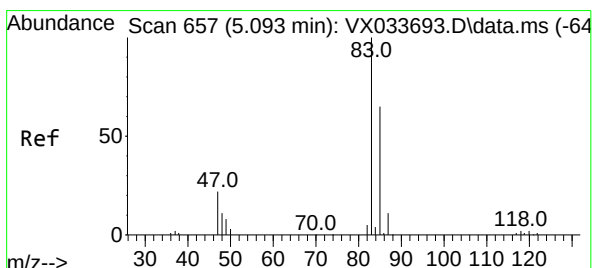
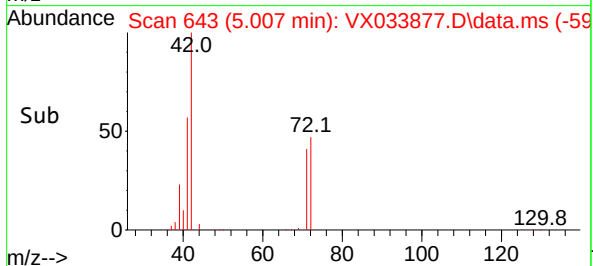
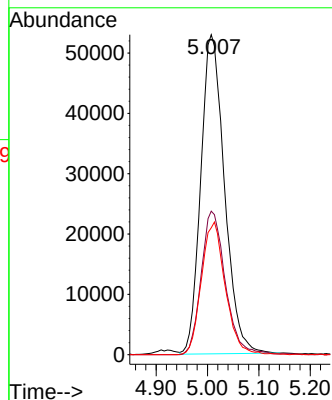
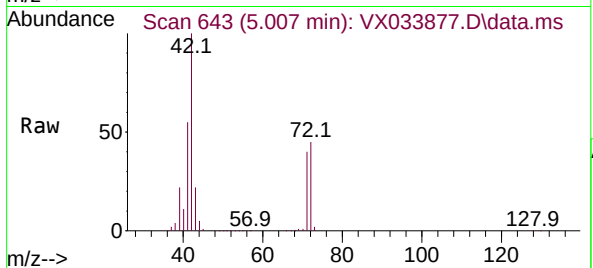
71 41.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#30

Chloroform

Concen: 48.835 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX033877.D

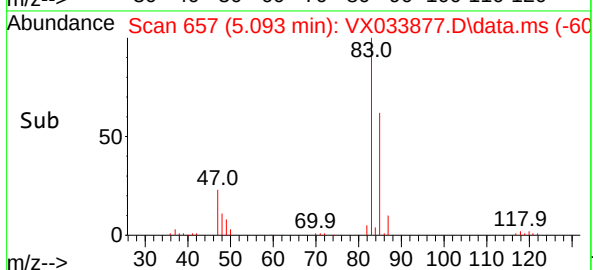
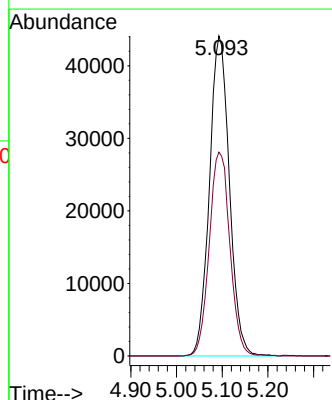
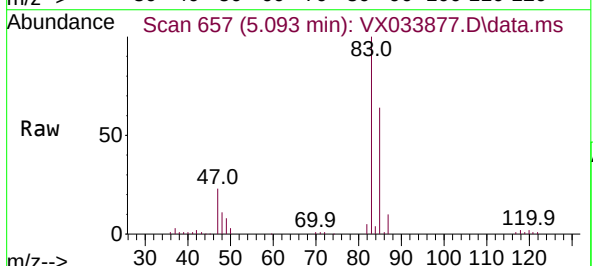
Acq: 24 Jan 2023 19:02

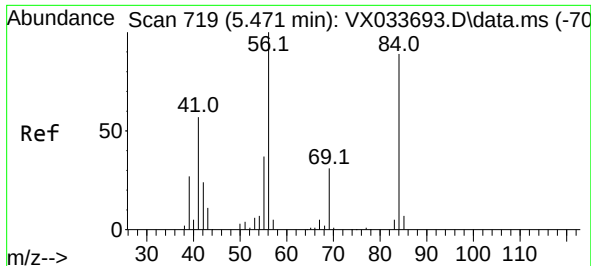
Tgt Ion: 83 Resp: 133821

Ion Ratio Lower Upper

83 100

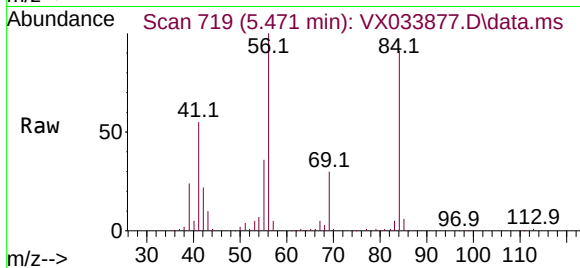
85 63.7 52.1 78.1





#31
Cyclohexane
Concen: 44.795 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

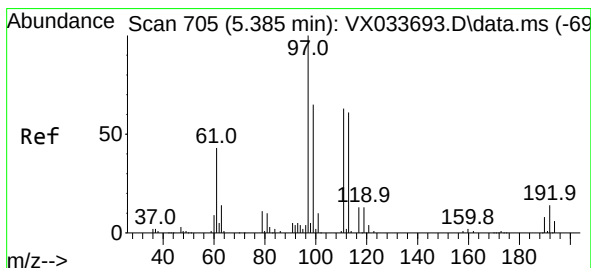
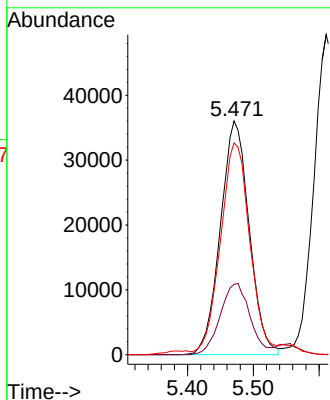
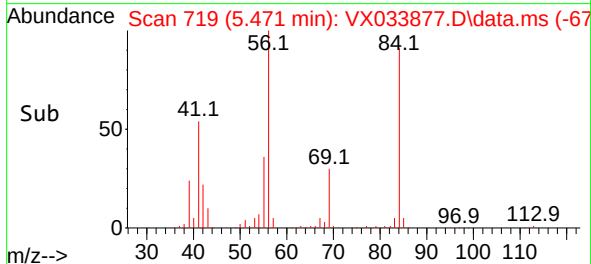
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



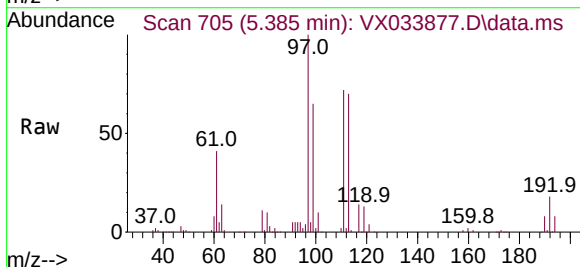
Tgt Ion: 56 Resp: 109917
Ion Ratio Lower Upper
56 100
69 30.1 24.6 37.0
84 88.8 71.0 106.6

Manual Integrations
APPROVED

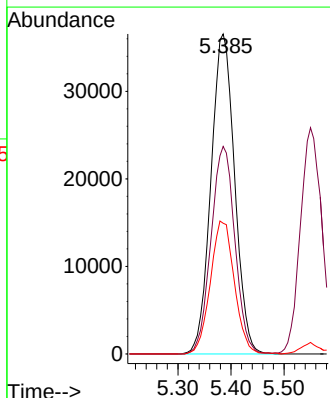
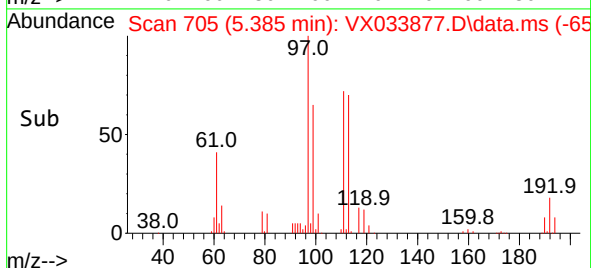
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

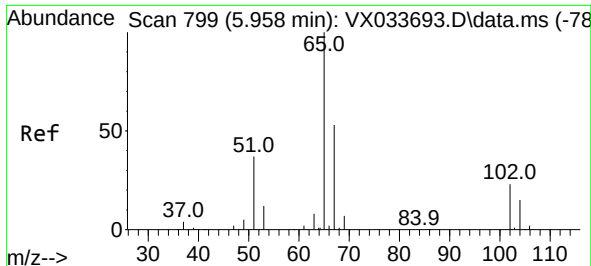


#32
1,1,1-Trichloroethane
Concen: 48.434 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



Tgt Ion: 97 Resp: 113317
Ion Ratio Lower Upper
97 100
99 65.5 52.3 78.5
61 42.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.661 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8114

Ion Ratio Lower Upper

65 100

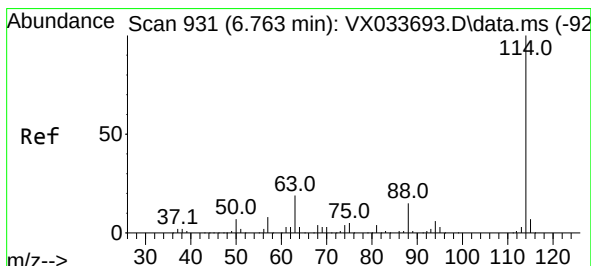
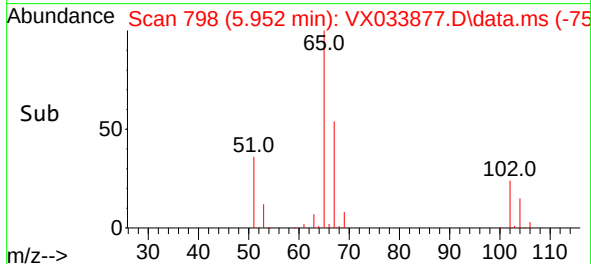
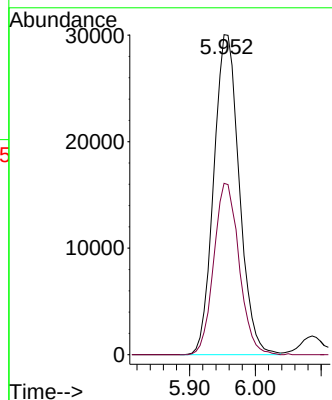
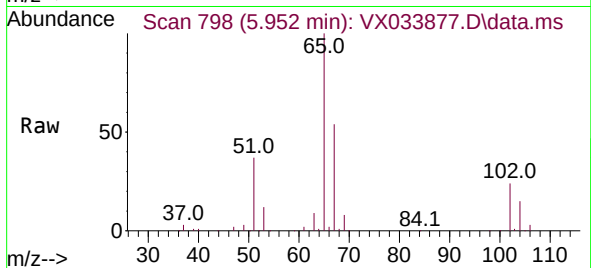
67 53.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

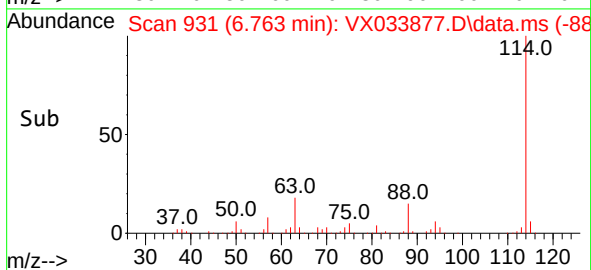
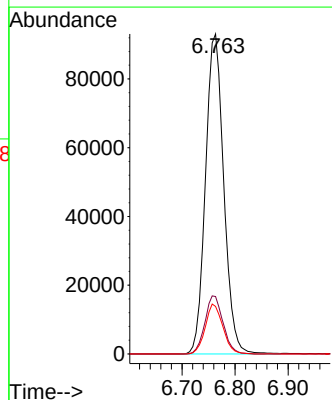
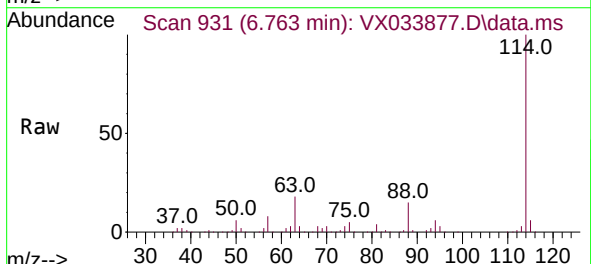
Tgt Ion:114 Resp: 222743

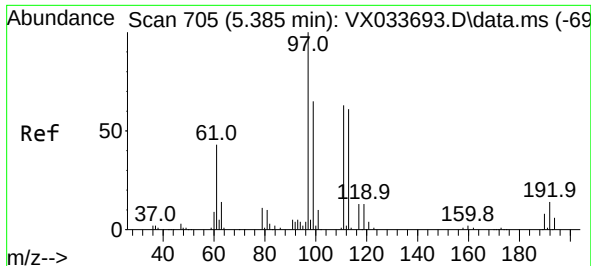
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.174 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 74929

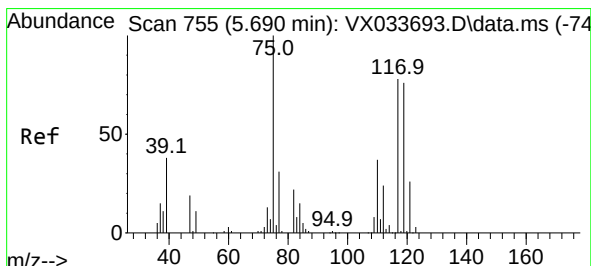
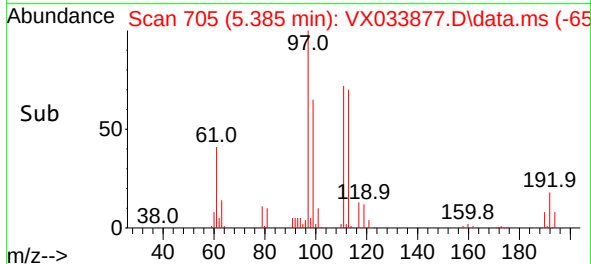
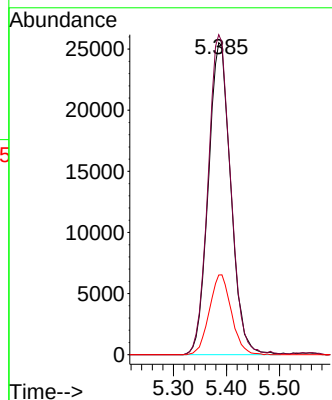
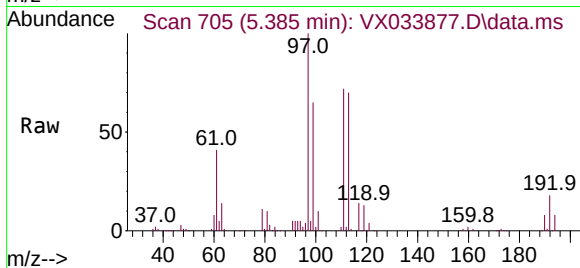
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	25.2	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#36

1,1-Dichloropropene

Concen: 47.417 ug/l

RT: 5.690 min Scan# 755

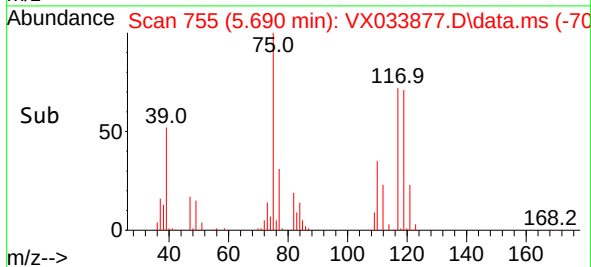
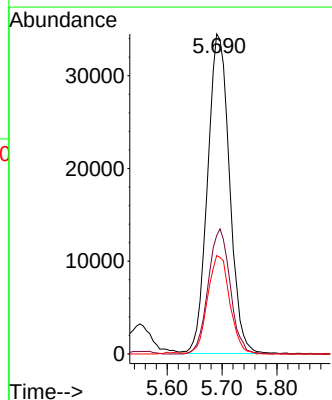
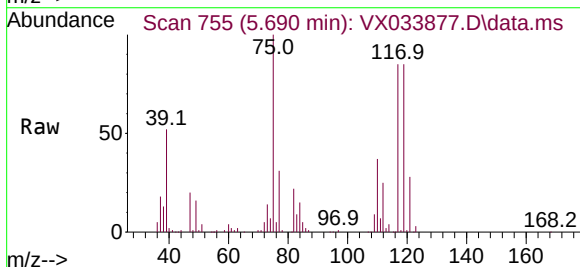
Delta R.T. -0.000 min

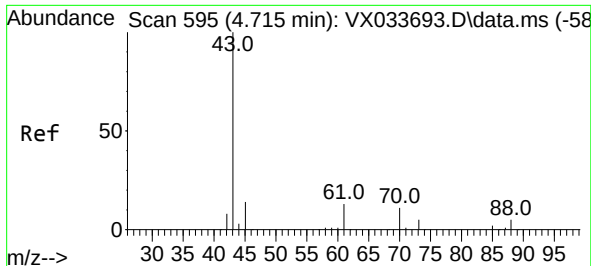
Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Tgt Ion: 75 Resp: 95715

Ion	Ratio	Lower	Upper
75	100		
110	39.2	18.8	56.4
77	31.2	25.1	37.7





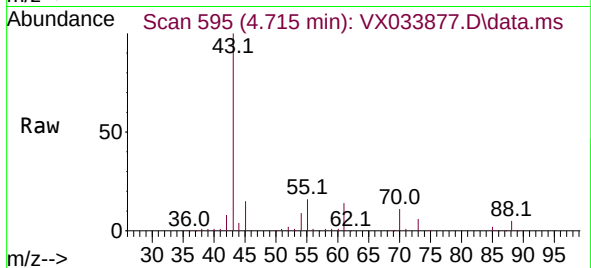
#37
Ethyl Acetate
Concen: 53.258 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



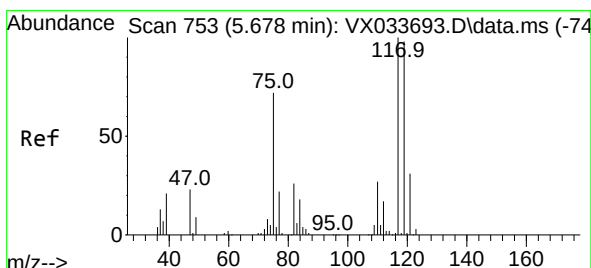
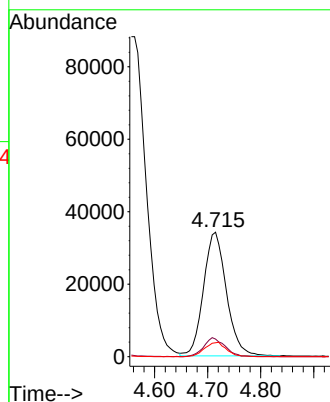
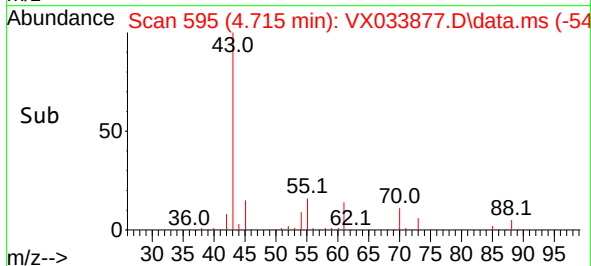
Tgt Ion: 43 Resp: 10222
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 11.1 8.5 12.7

Manual Integrations

APPROVED

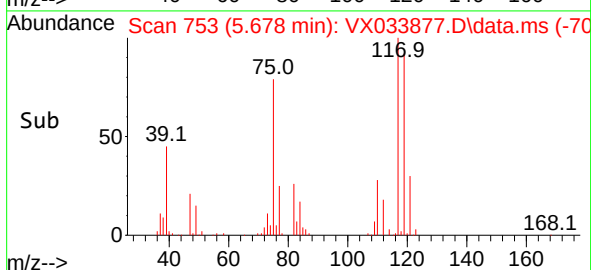
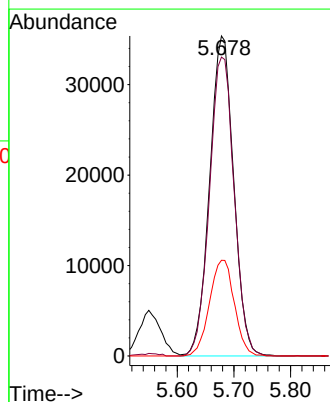
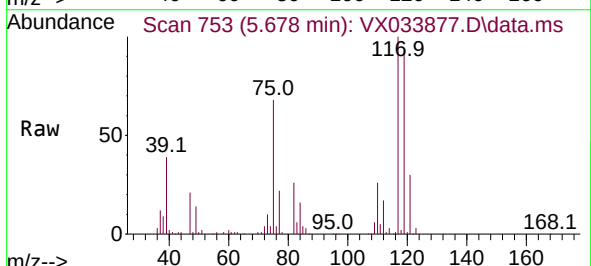
Reviewed By :John Carlone 01/25/2023

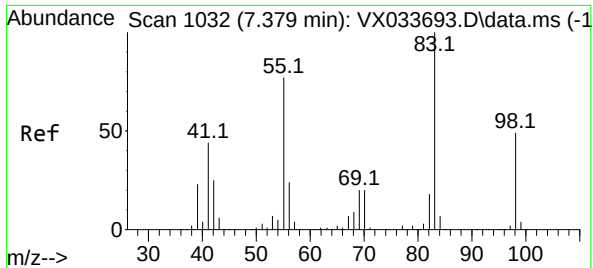
Supervised By :Mahesh Dadoda 01/26/2023



#38
Carbon Tetrachloride
Concen: 49.776 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion:117 Resp: 104067
Ion Ratio Lower Upper
117 100
119 93.4 78.0 117.0
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 46.725 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033877.D

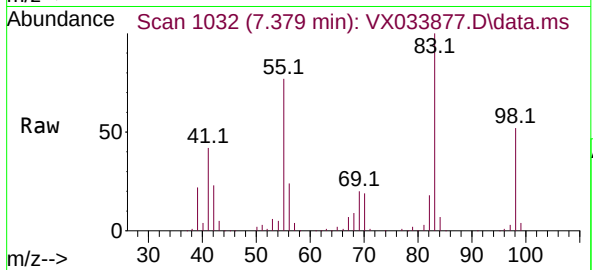
Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 116478

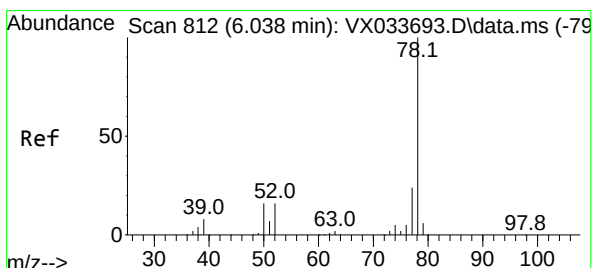
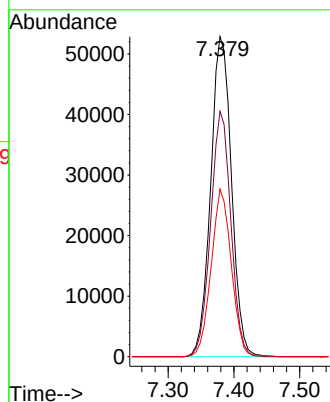
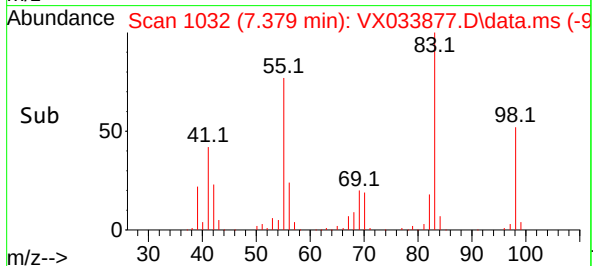
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.6
98	52.4	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#40

Benzene

Concen: 49.906 ug/l

RT: 6.038 min Scan# 812

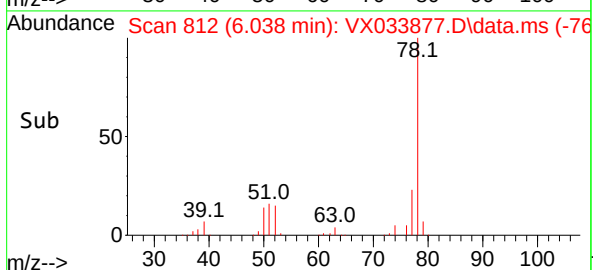
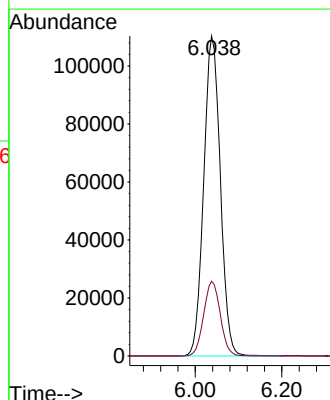
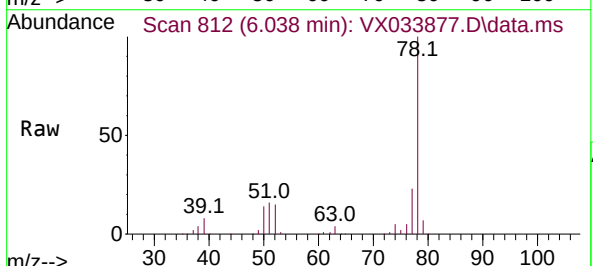
Delta R.T. 0.000 min

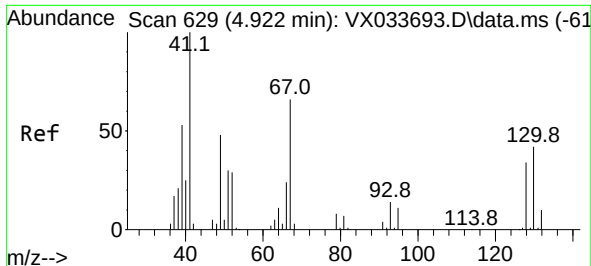
Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Tgt Ion: 78 Resp: 293635

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





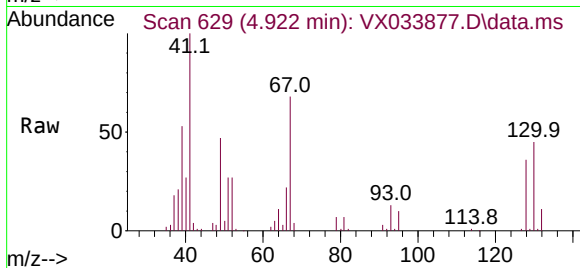
#41
Methacrylonitrile
Concen: 54.133 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



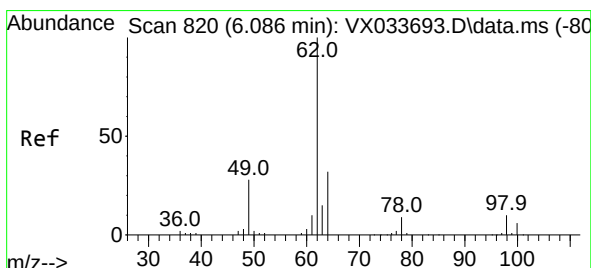
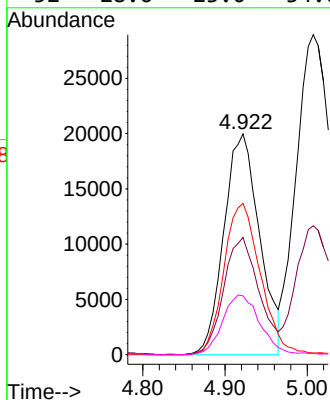
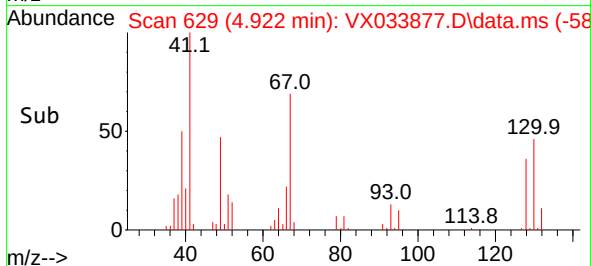
Tgt Ion: 41 Resp: 6021
Ion Ratio Lower Upper
41 100
39 53.0 43.8 65.6
67 70.6 54.8 82.2
52 28.6 23.0 34.6

Manual Integrations

APPROVED

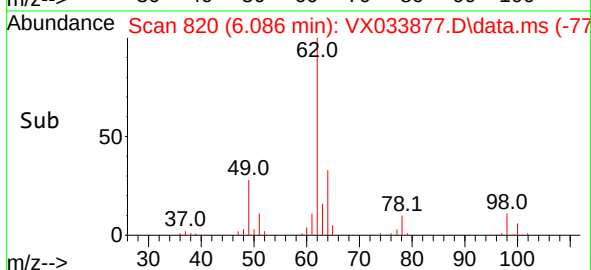
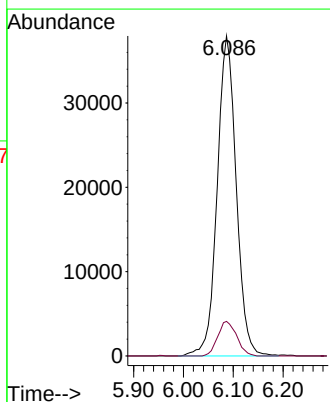
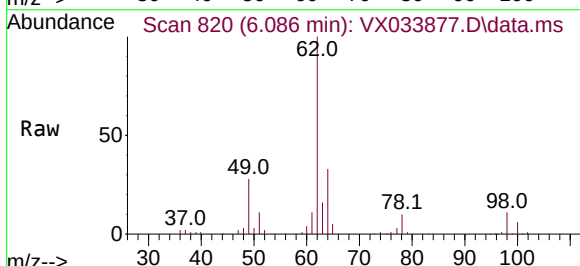
Reviewed By :John Carlone 01/25/2023

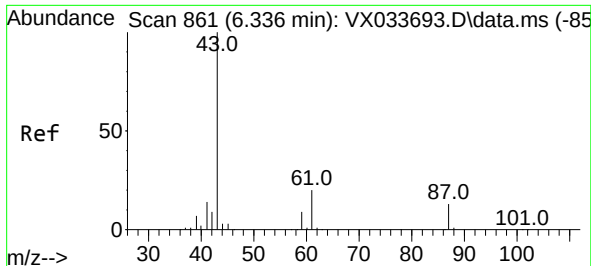
Supervised By :Mahesh Dadoda 01/26/2023



#42
1,2-Dichloroethane
Concen: 48.241 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 62 Resp: 100587
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





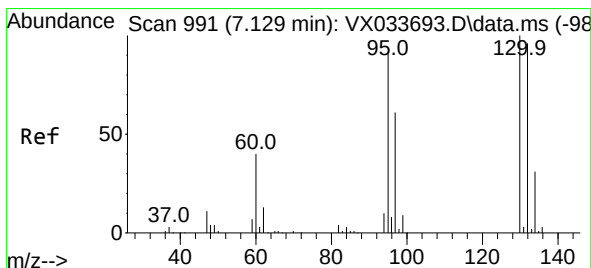
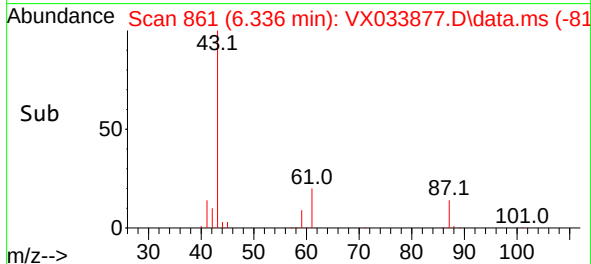
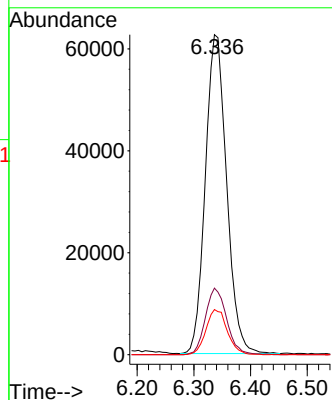
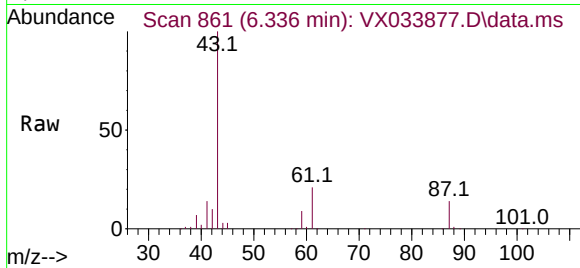
#43
Isopropyl Acetate
Concen: 51.259 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 16334
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 14.2 10.6 15.8

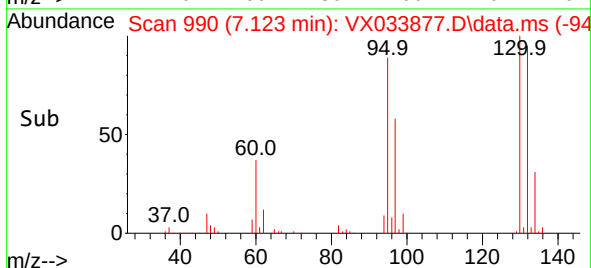
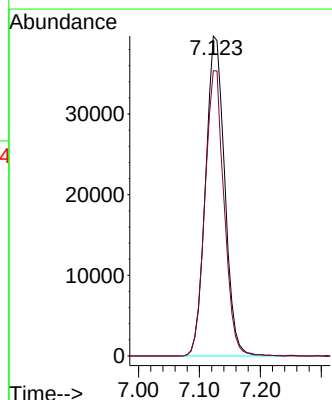
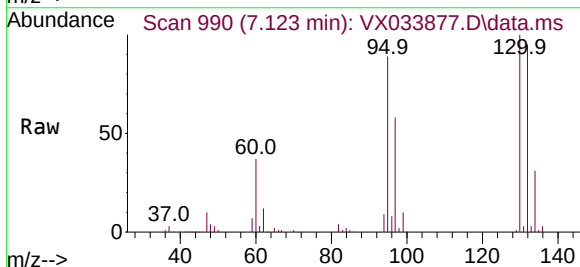
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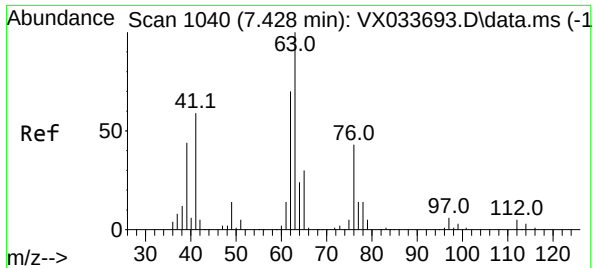
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#44
Trichloroethene
Concen: 52.534 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion:130 Resp: 86435
Ion Ratio Lower Upper
130 100
95 89.1 0.0 182.6





#45

1,2-Dichloropropane

Concen: 51.076 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7528

Ion Ratio Lower Upper

63 100

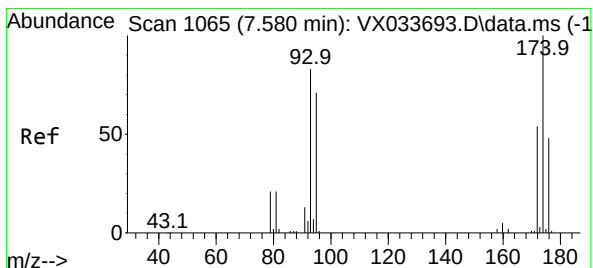
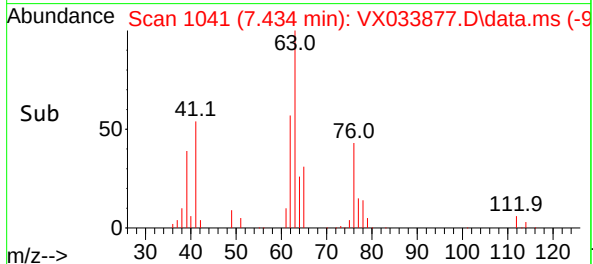
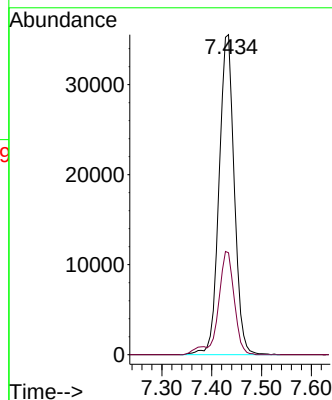
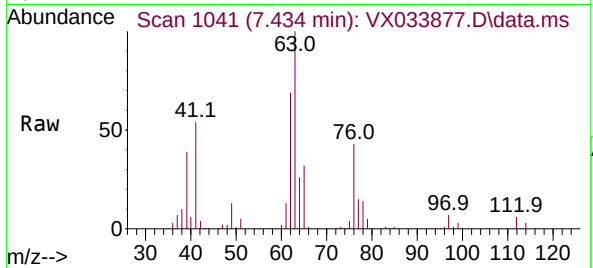
65 31.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#46

Dibromomethane

Concen: 51.970 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

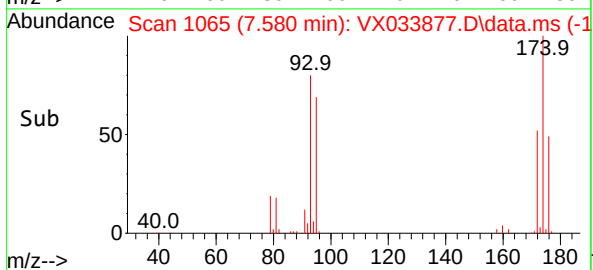
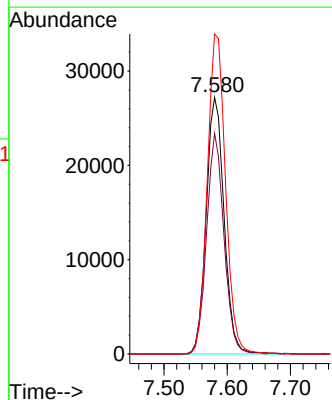
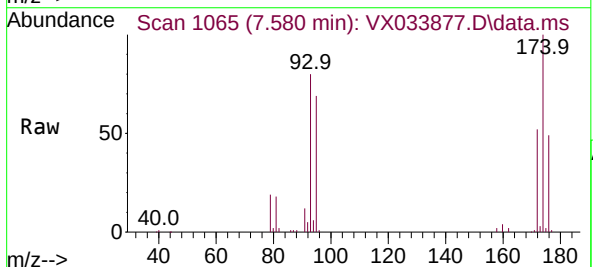
Tgt Ion: 93 Resp: 53503

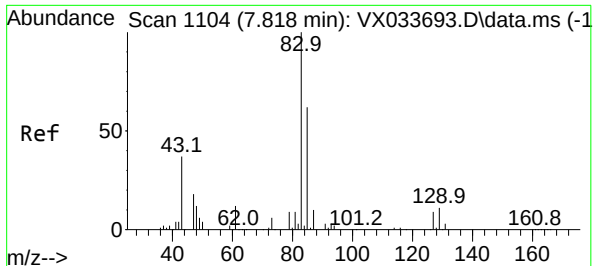
Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

174 127.2 97.4 146.0





#47

Bromodichloromethane

Concen: 52.460 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10408

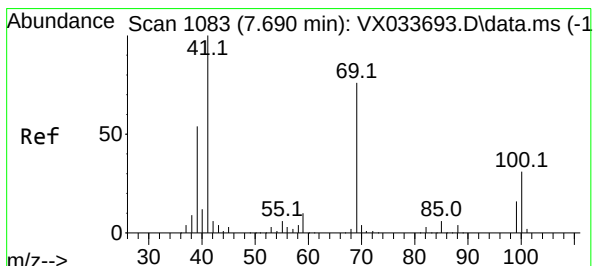
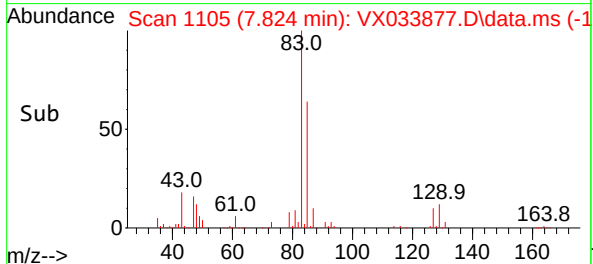
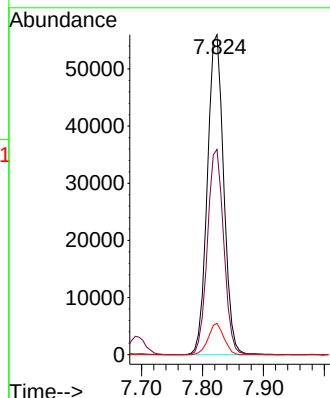
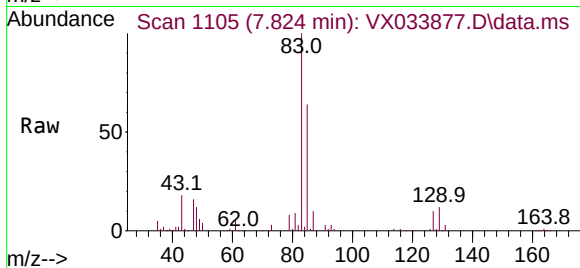
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.8	74.6
127	9.8	7.0	10.4

Manual Integrations

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Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#48

Methyl methacrylate

Concen: 52.028 ug/l

RT: 7.690 min Scan# 1083

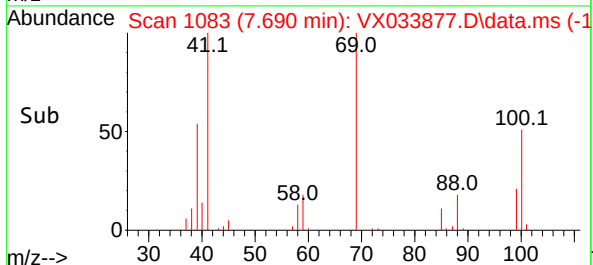
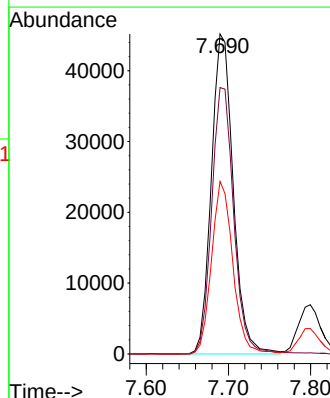
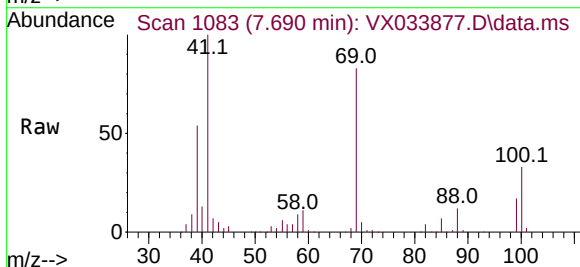
Delta R.T. 0.000 min

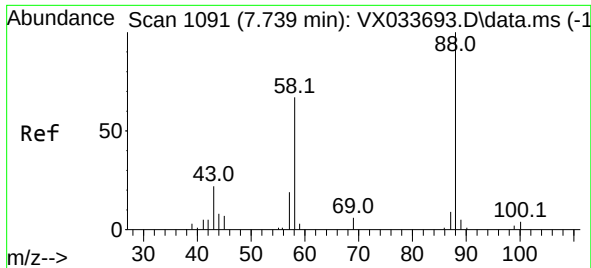
Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Tgt Ion: 41 Resp: 83519

Ion	Ratio	Lower	Upper
41	100		
69	84.3	63.1	94.7
39	52.6	43.2	64.8





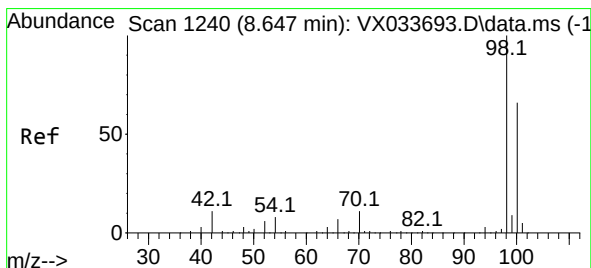
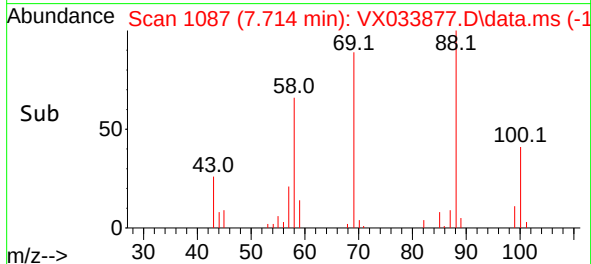
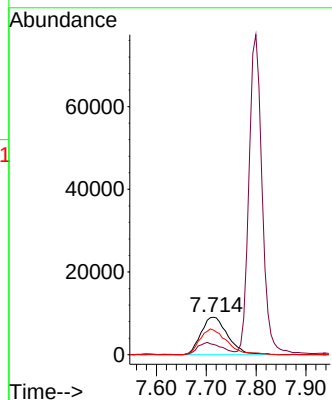
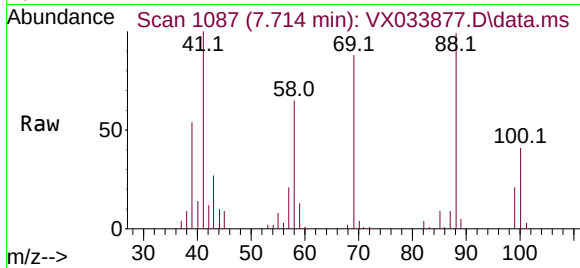
#49
1,4-Dioxane
Concen: 948.229 ug/l
RT: 7.714 min Scan# 1091
Delta R.T. -0.024 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 33670
Ion Ratio Lower Upper
88 100
43 29.4 0.0 0.0
58 69.4 56.5 84.7

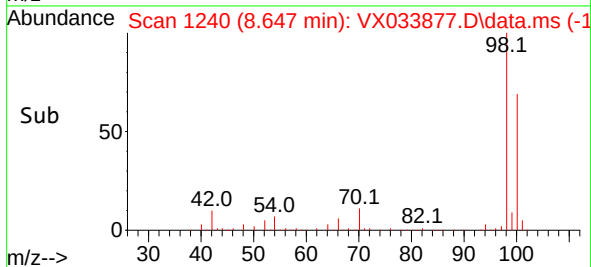
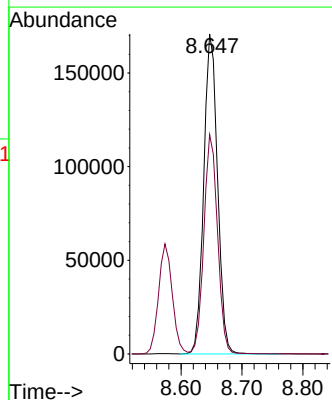
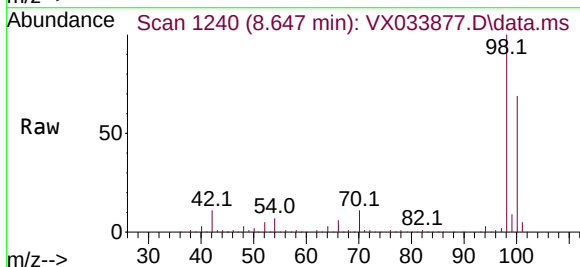
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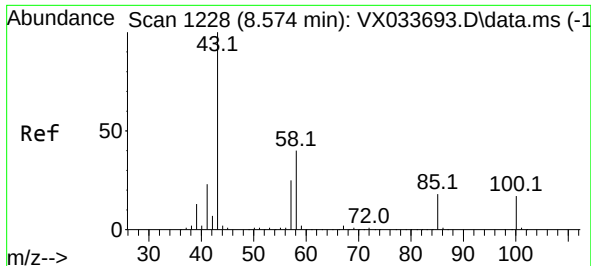
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#50
Toluene-d8
Concen: 53.432 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 98 Resp: 269269
Ion Ratio Lower Upper
98 100
100 67.9 53.6 80.4





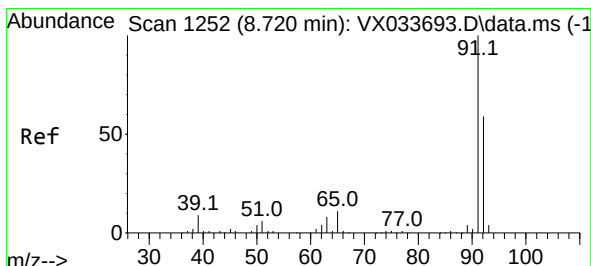
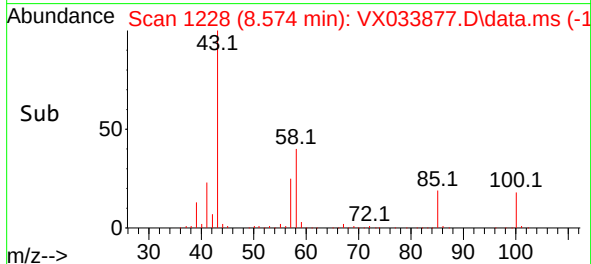
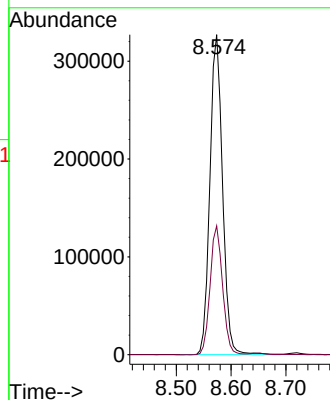
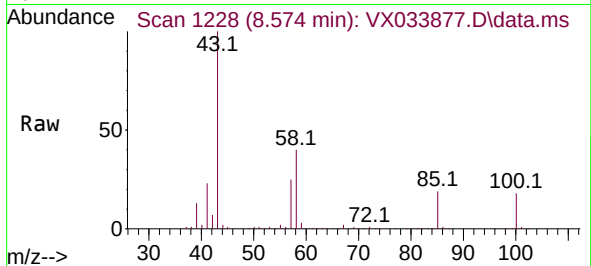
#51
4-Methyl-2-Pentanone
Concen: 266.672 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 521908
Ion Ratio Lower Upper
43 100
58 39.6 31.2 46.8

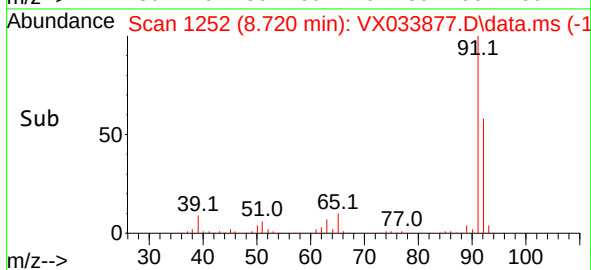
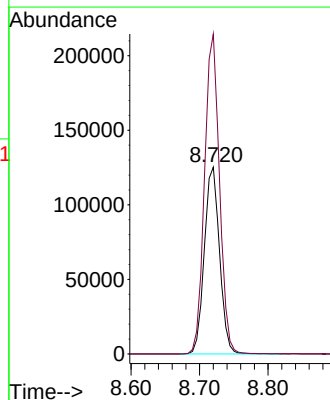
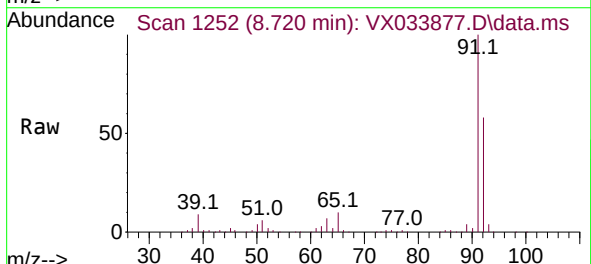
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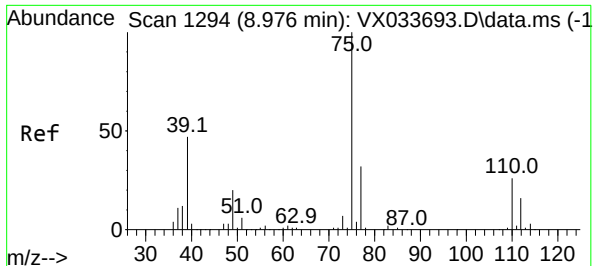
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#52
Toluene
Concen: 51.074 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 92 Resp: 194060
Ion Ratio Lower Upper
92 100
91 168.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 53.869 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10688

Ion Ratio Lower Upper

75 100

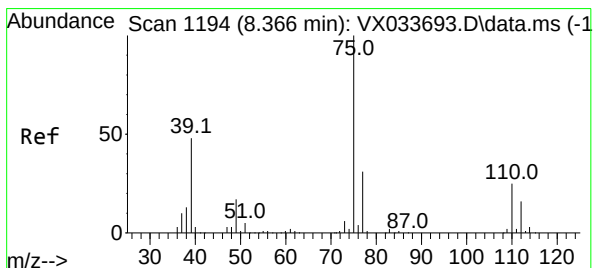
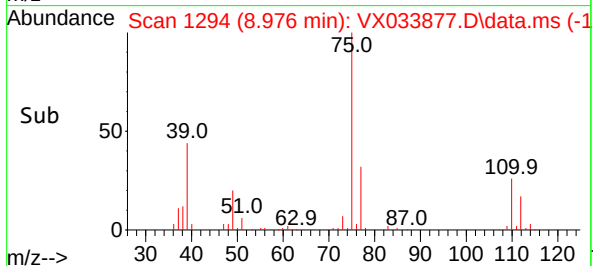
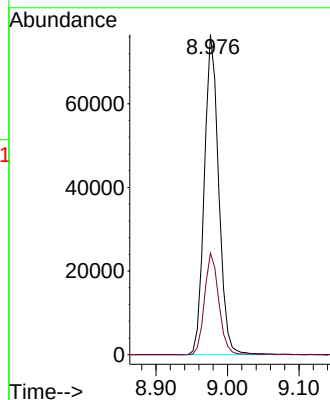
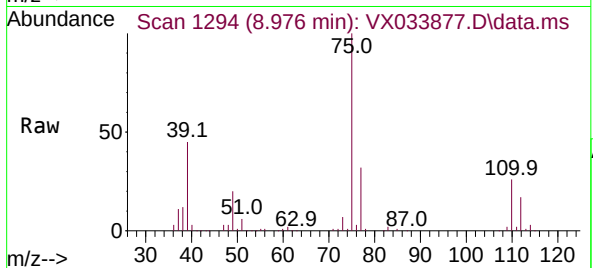
77 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#54

cis-1,3-Dichloropropene

Concen: 54.072 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

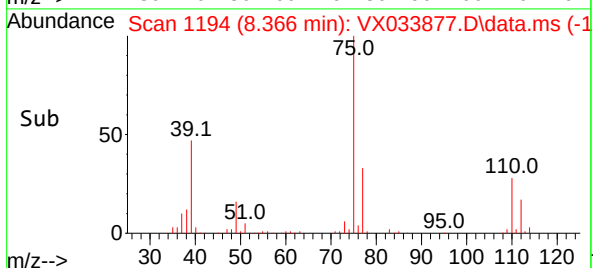
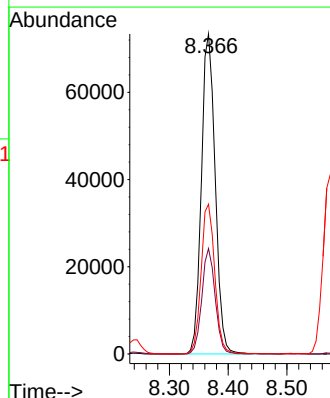
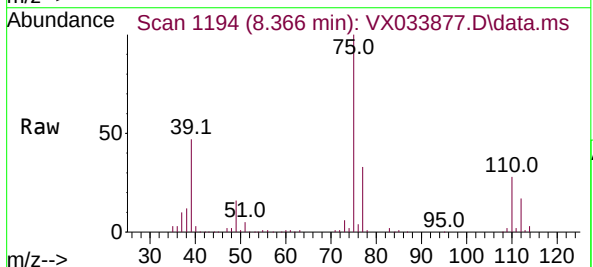
Tgt Ion: 75 Resp: 120216

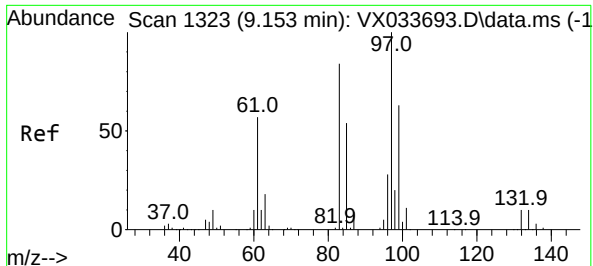
Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.6

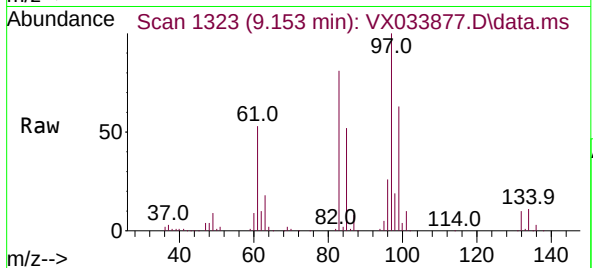
39 46.8 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 53.521 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

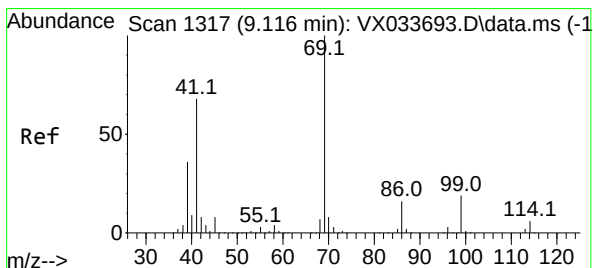
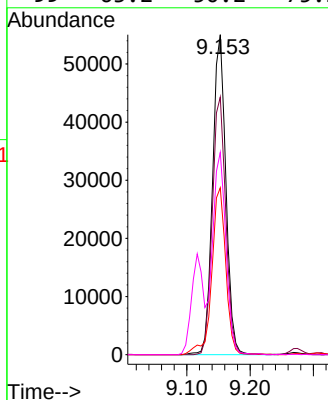
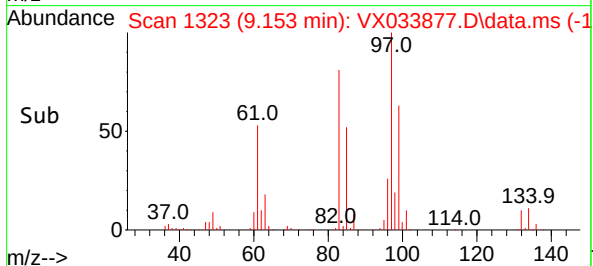


Tgt Ion: 97 Resp: 80490

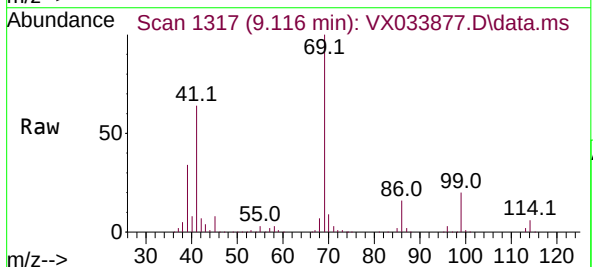
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.4	101.0
85	52.2	43.2	64.8
99	63.2	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

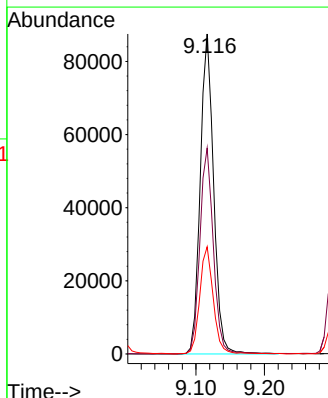
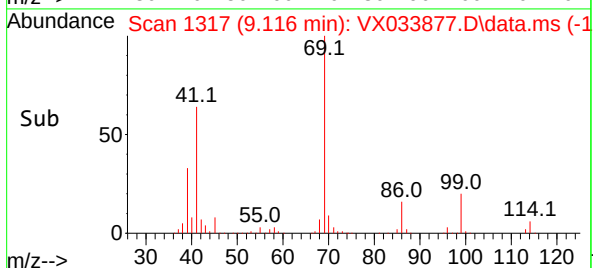


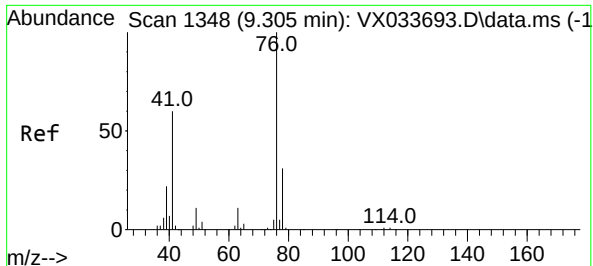
#56
Ethyl methacrylate
Concen: 56.248 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



Tgt Ion: 69 Resp: 119057

Ion	Ratio	Lower	Upper
69	100		
41	65.0	55.1	82.7
39	34.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 53.563 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 130629

Ion Ratio Lower Upper

76 100

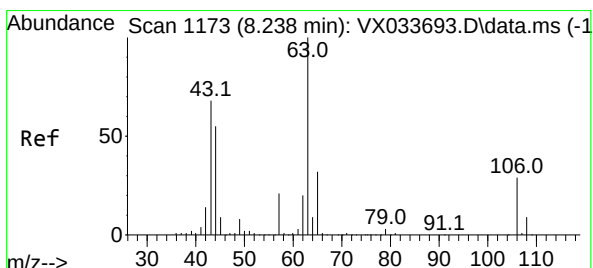
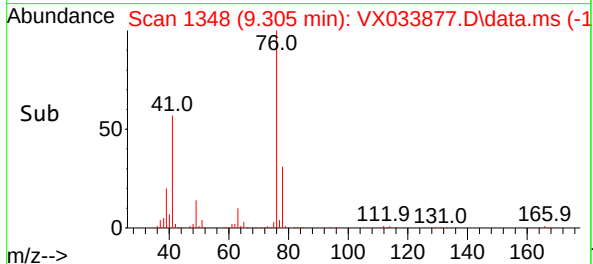
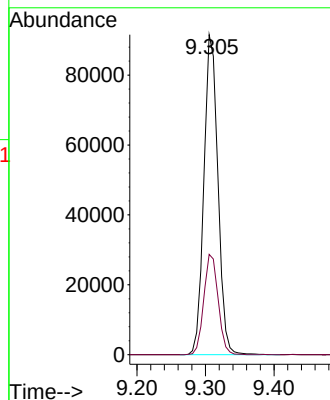
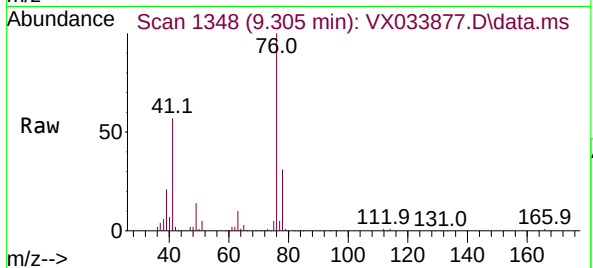
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.381 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX033877.D

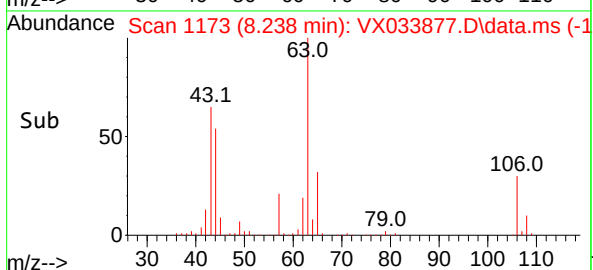
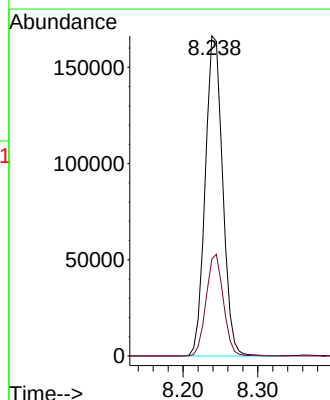
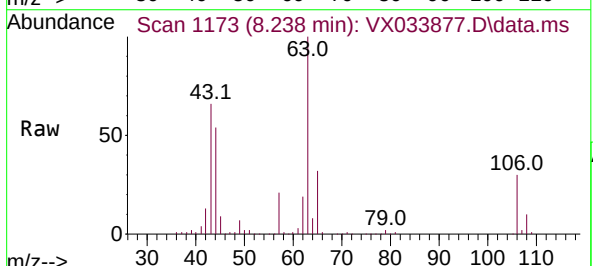
Acq: 24 Jan 2023 19:02

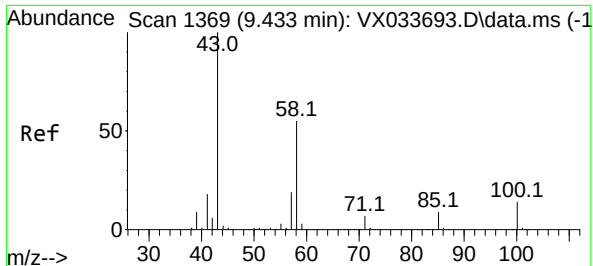
Tgt Ion: 63 Resp: 269344

Ion Ratio Lower Upper

63 100

106 31.4 24.5 36.7





#59

2-Hexanone

Concen: 278.347 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 37916

Ion Ratio Lower Upper

43 100

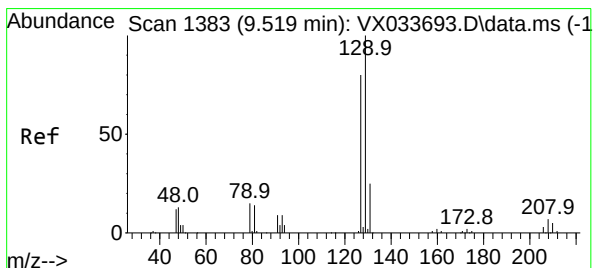
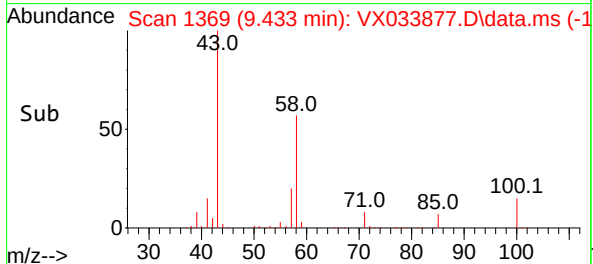
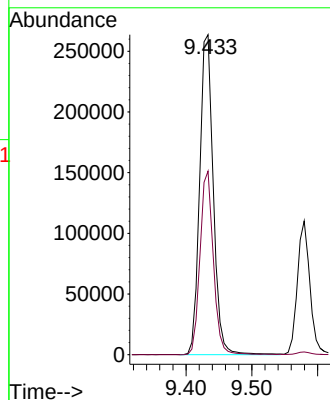
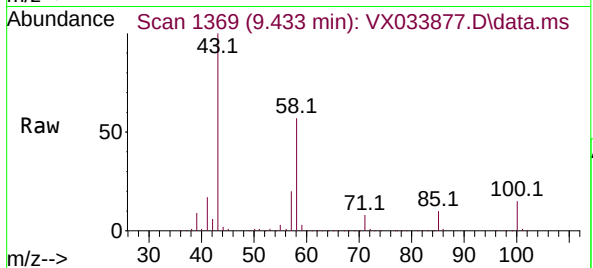
58 56.2 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#60

Dibromochloromethane

Concen: 57.803 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033877.D

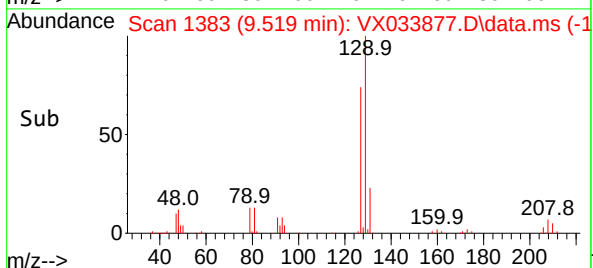
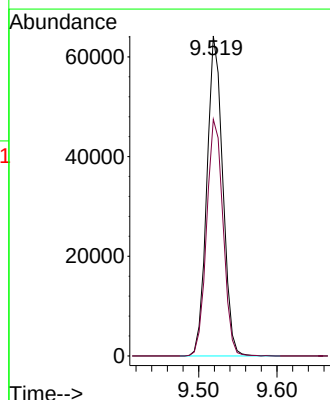
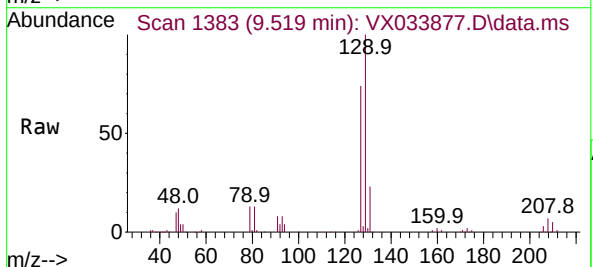
Acq: 24 Jan 2023 19:02

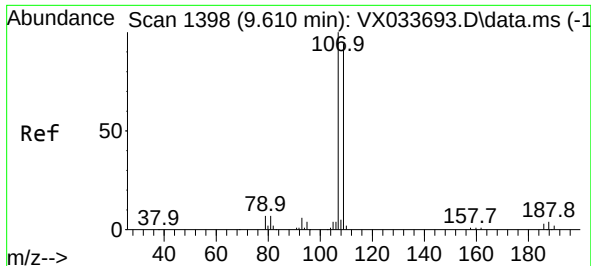
Tgt Ion:129 Resp: 90130

Ion Ratio Lower Upper

129 100

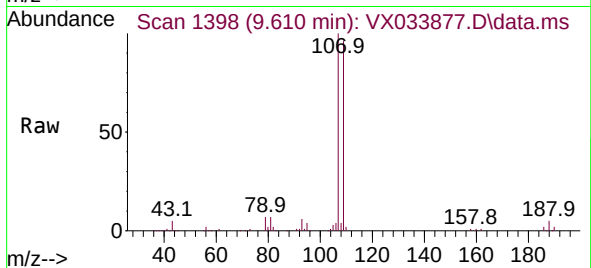
127 76.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 56.761 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

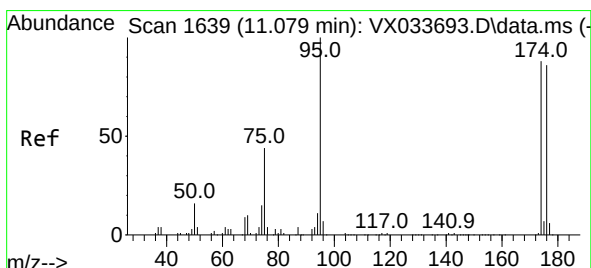
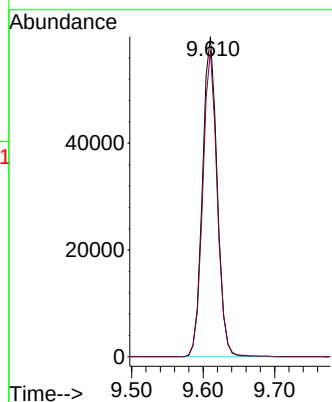
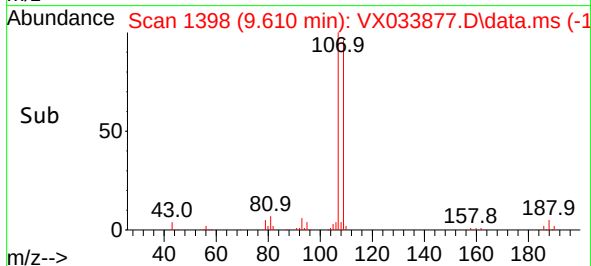
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



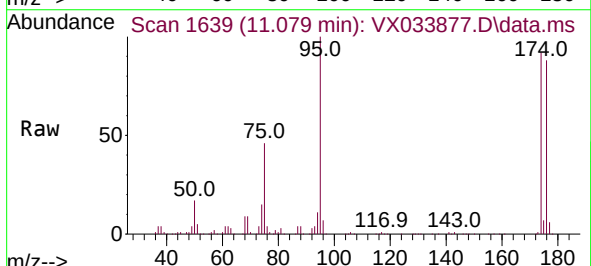
Tgt Ion:107 Resp: 85198
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.2

Manual Integrations
APPROVED

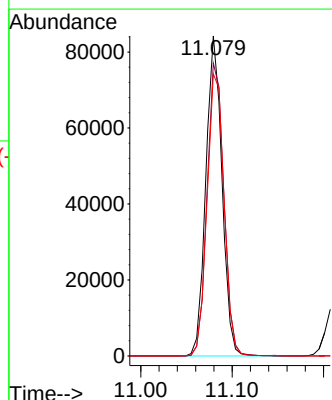
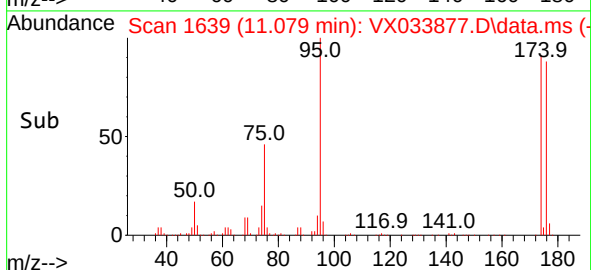
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

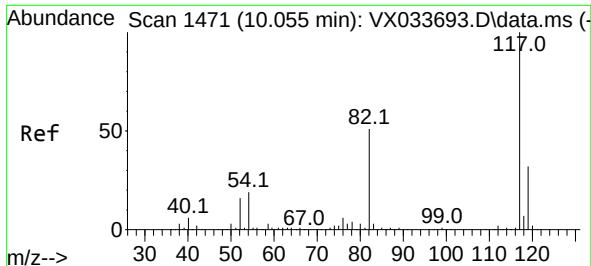


#62
4-Bromofluorobenzene
Concen: 55.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



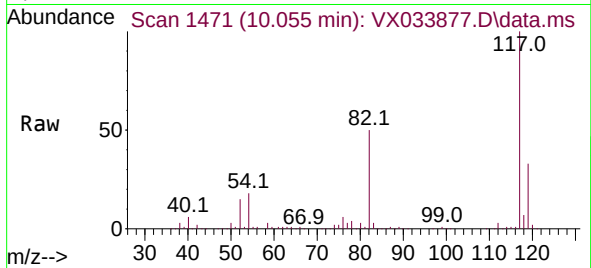
Tgt Ion: 95 Resp: 102945
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.4
176 93.0 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

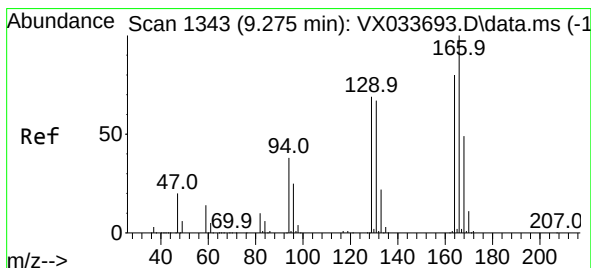
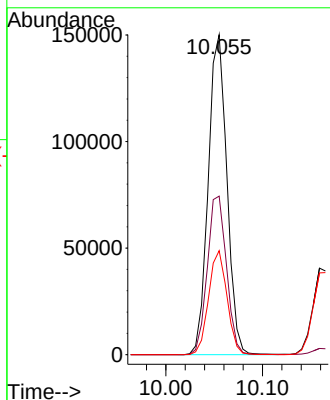
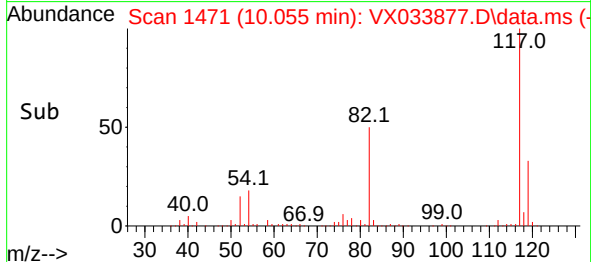
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20144
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 32.5 25.6 38.4

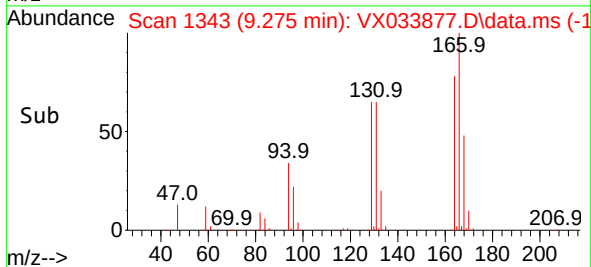
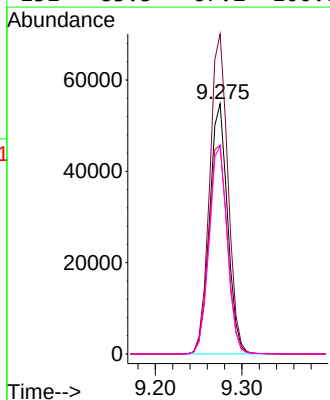
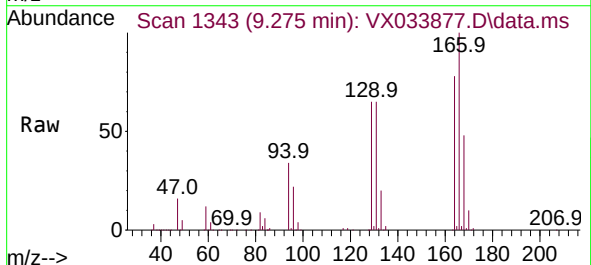
Manual Integrations
APPROVED

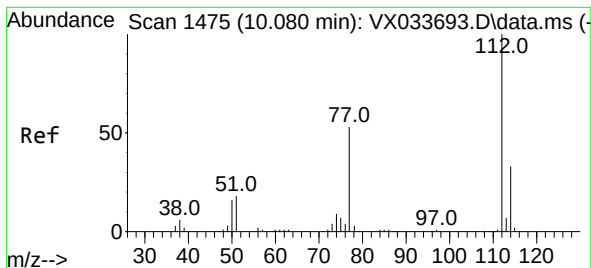
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#64
Tetrachloroethene
Concen: 55.840 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

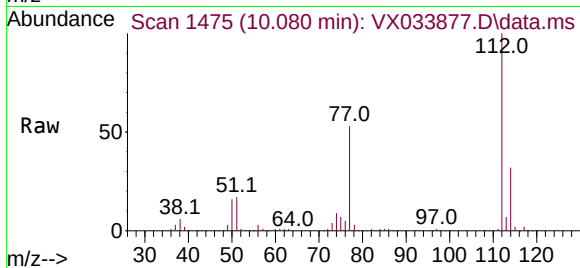
Tgt Ion:164 Resp: 78945
Ion Ratio Lower Upper
164 100
166 127.8 100.2 150.2
129 83.4 69.2 103.8
131 83.3 67.2 100.8





#65
Chlorobenzene
Concen: 52.102 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

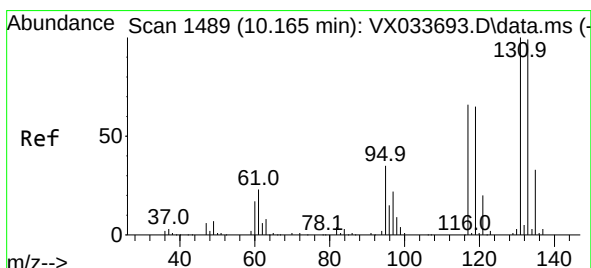
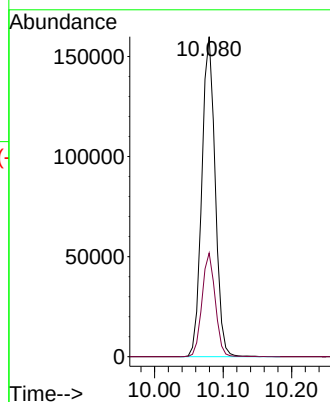
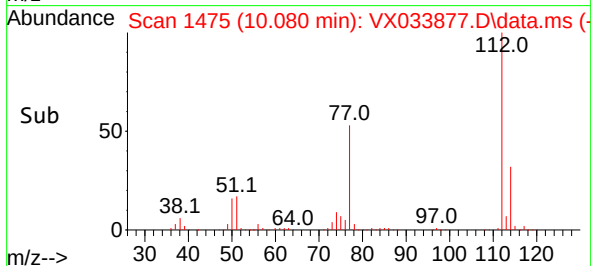
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



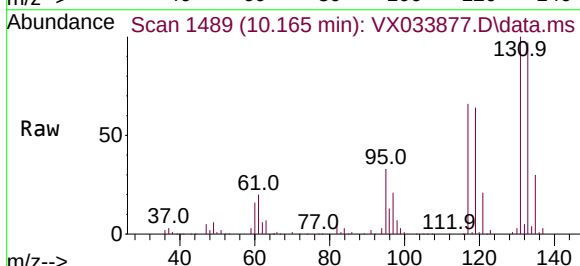
Tgt Ion:112 Resp: 21728
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

Manual Integrations
APPROVED

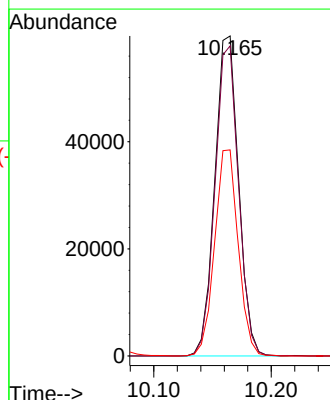
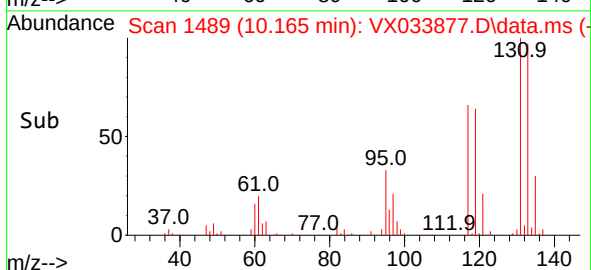
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

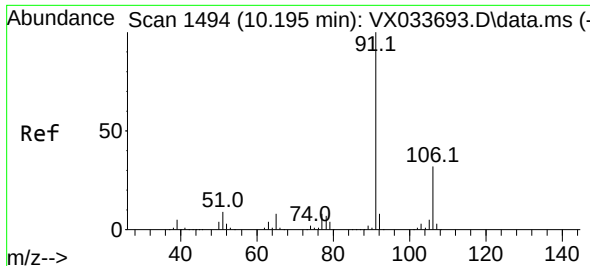


#66
1,1,1,2-Tetrachloroethane
Concen: 54.754 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



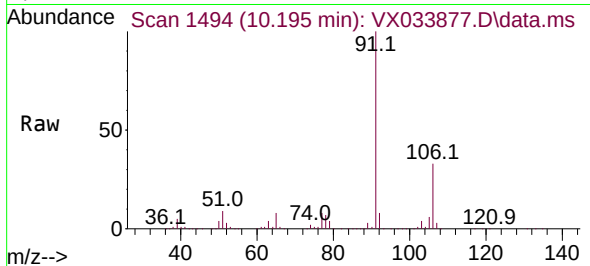
Tgt Ion:131 Resp: 84034
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 63.9 31.9 95.7





#67
Ethyl Benzene
Concen: 51.713 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

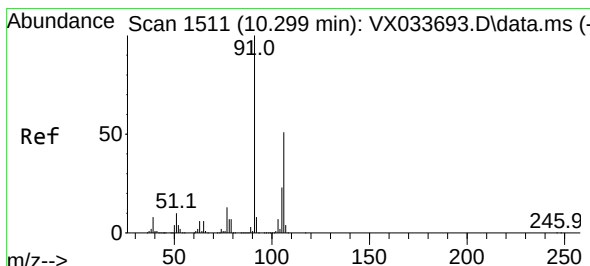
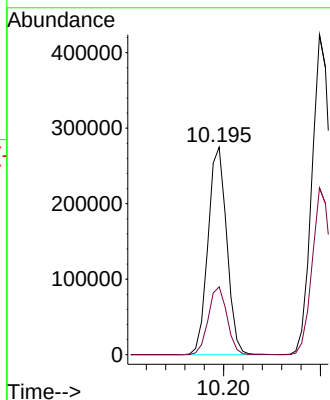
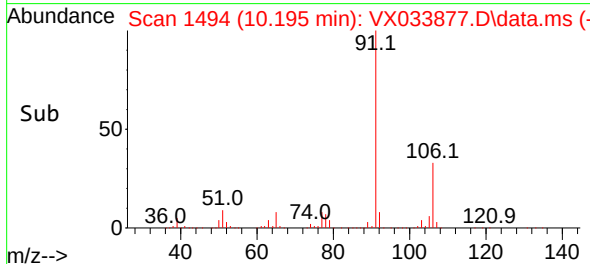
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



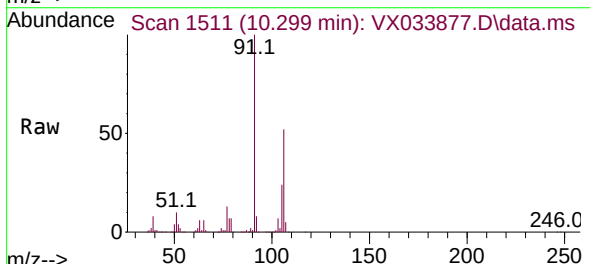
Tgt Ion: 91 Resp: 370273
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

Manual Integrations
APPROVED

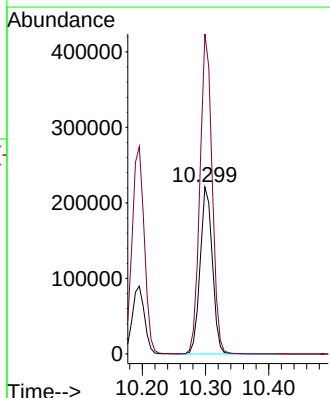
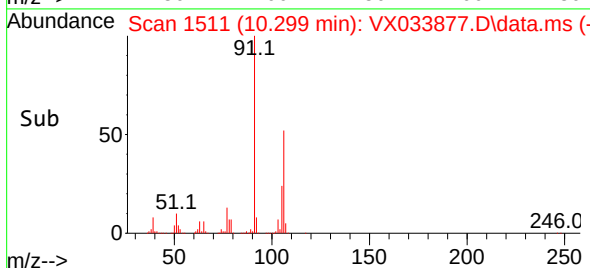
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

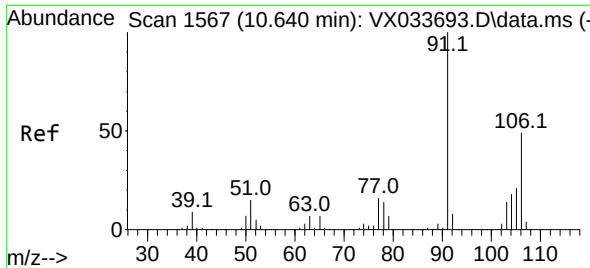


#68
m/p-Xylenes
Concen: 106.409 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



Tgt Ion:106 Resp: 298010
Ion Ratio Lower Upper
106 100
91 191.3 156.4 234.6





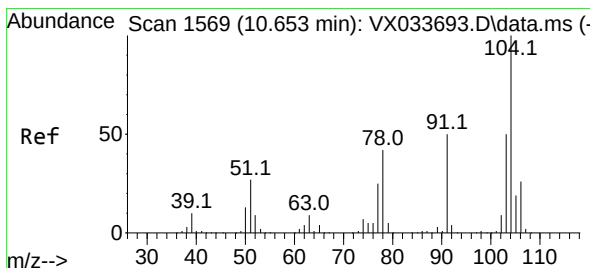
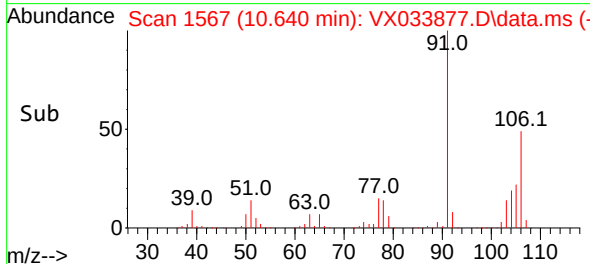
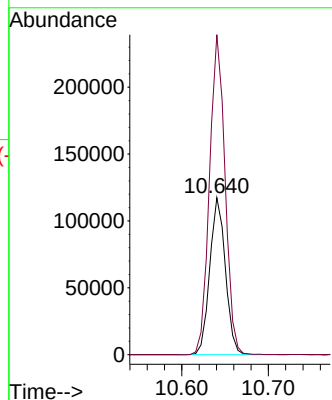
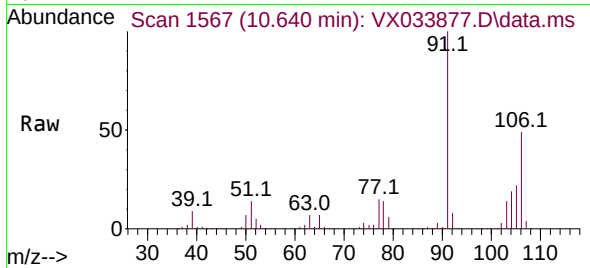
#69
o-Xylene
Concen: 52.895 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 146909
Ion Ratio Lower Upper
106 100
91 203.2 103.1 309.3

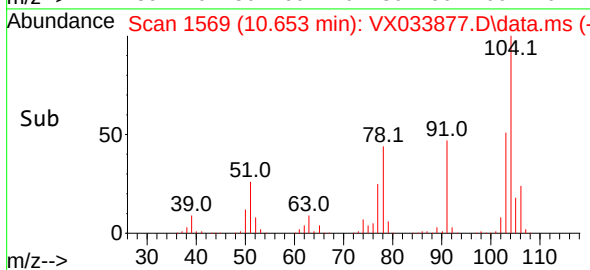
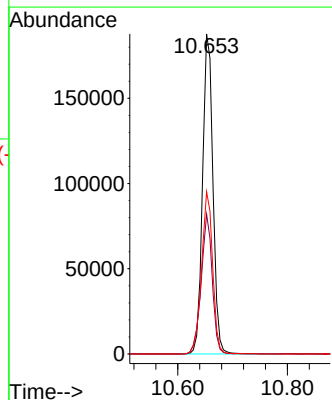
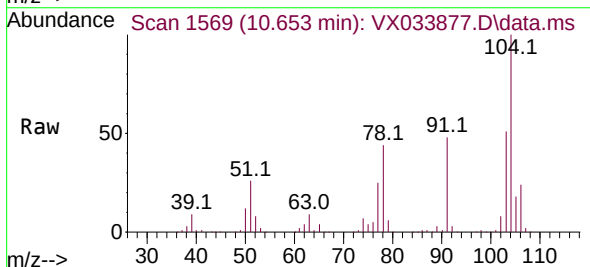
Manual Integrations
APPROVED

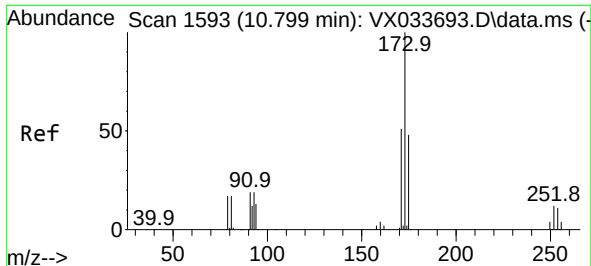
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#70
Styrene
Concen: 54.768 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

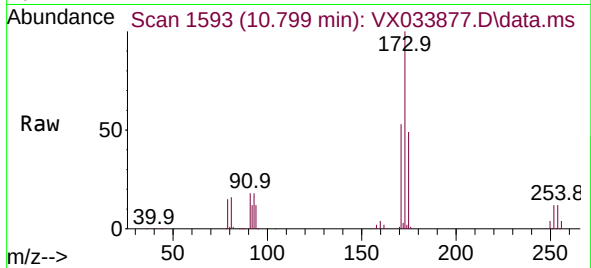
Tgt Ion:104 Resp: 247385
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 54.1 43.3 64.9





#71
Bromoform
Concen: 56.603 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

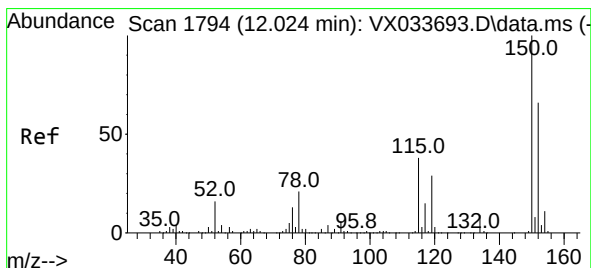
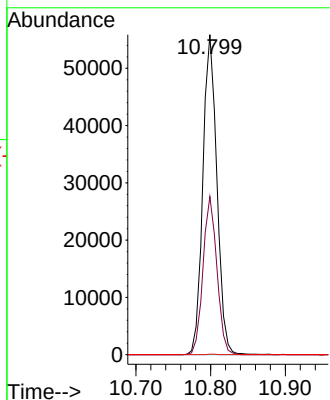
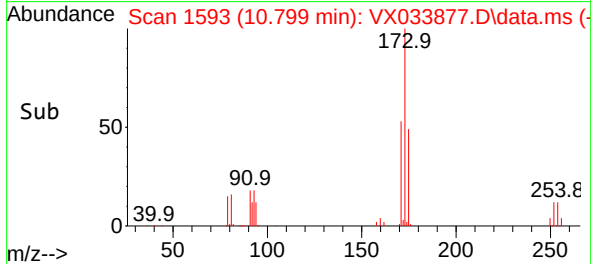
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



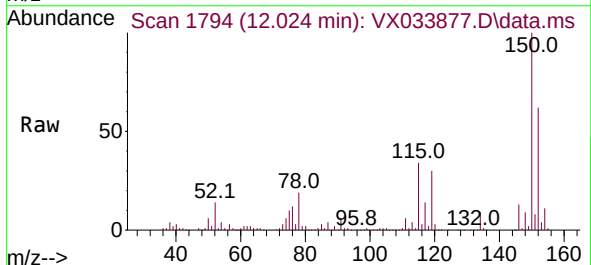
Tgt Ion:173 Resp: 72795
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

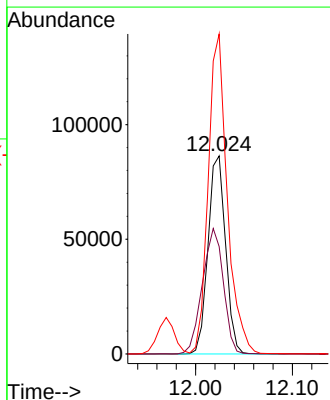
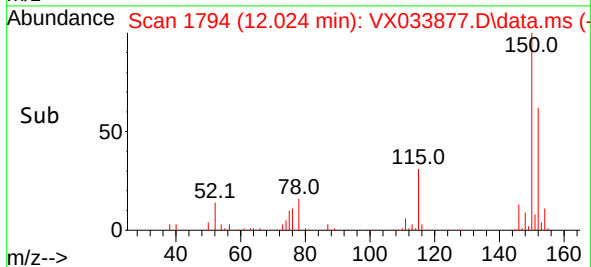
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

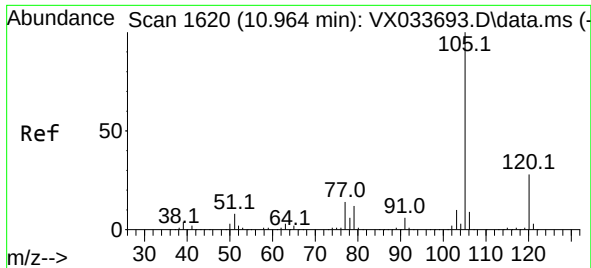


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



Tgt Ion:152 Resp: 109229
Ion Ratio Lower Upper
152 100
115 75.7 38.7 116.1
150 175.0 0.0 348.2





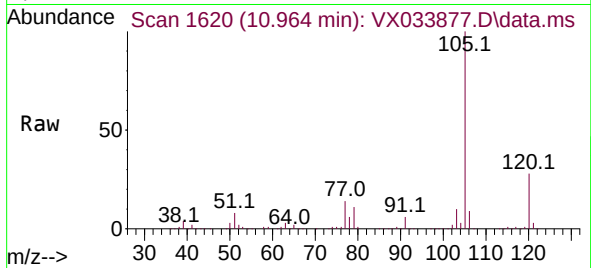
#73
Isopropylbenzene
Concen: 53.164 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



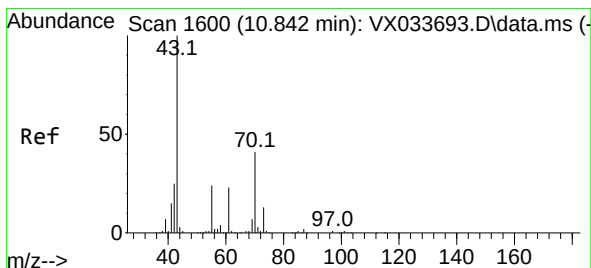
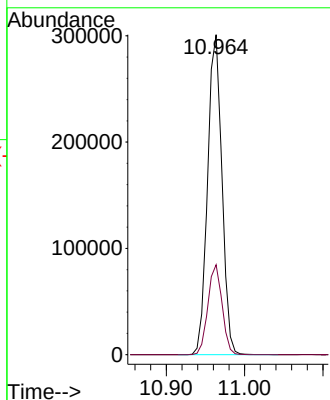
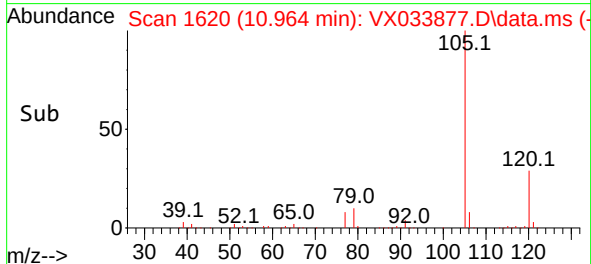
Tgt Ion:105 Resp: 38097
Ion Ratio Lower Upper
105 100
120 27.8 13.6 40.8

Manual Integrations

APPROVED

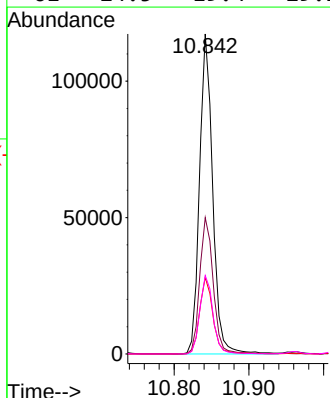
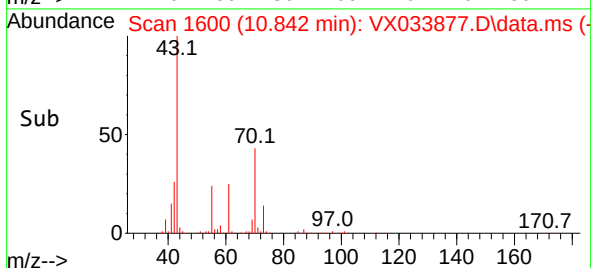
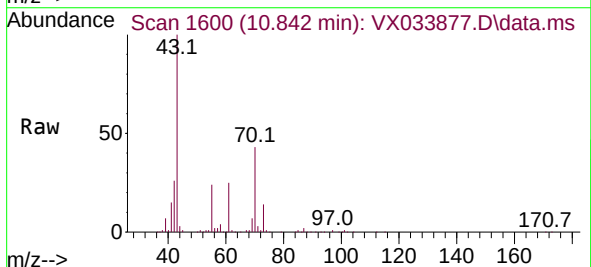
Reviewed By :John Carlone 01/25/2023

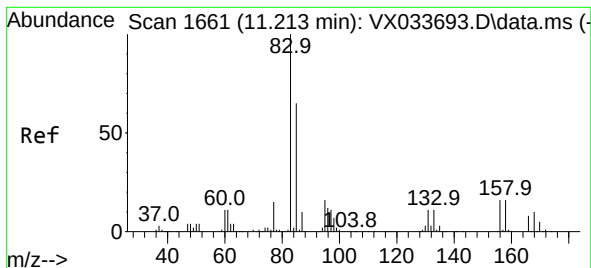
Supervised By :Mahesh Dadoda 01/26/2023



#74
N-ethyl acetate
Concen: 50.040 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 43 Resp: 143528
Ion Ratio Lower Upper
43 100
70 43.8 34.8 52.2
55 24.4 19.4 29.0
61 24.5 19.4 29.2





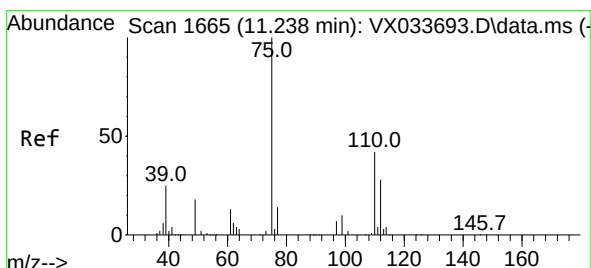
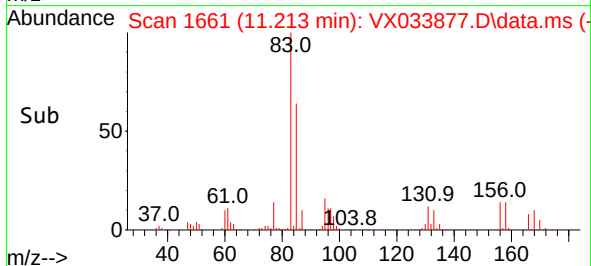
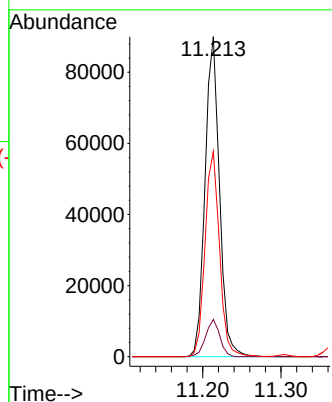
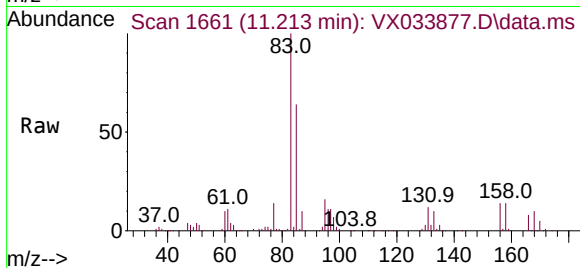
#75
1,1,2,2-Tetrachloroethane
Concen: 55.065 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 115000
Ion Ratio Lower Upper
83 100
131 11.4 5.5 16.7
85 64.4 32.3 96.9

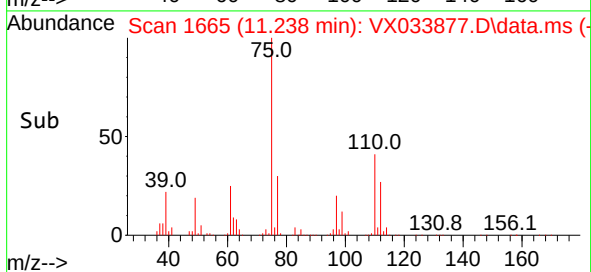
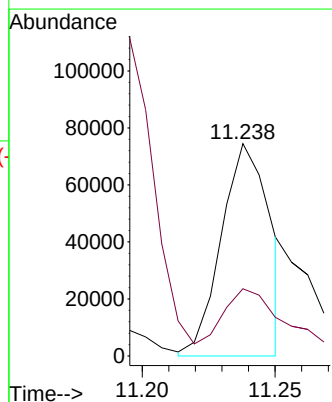
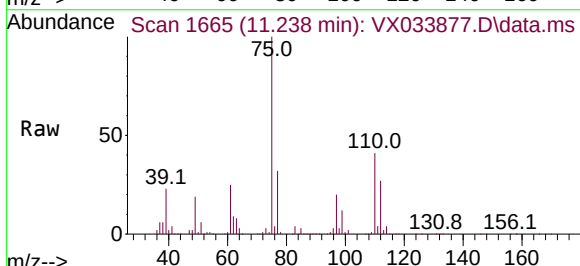
Manual Integrations
APPROVED

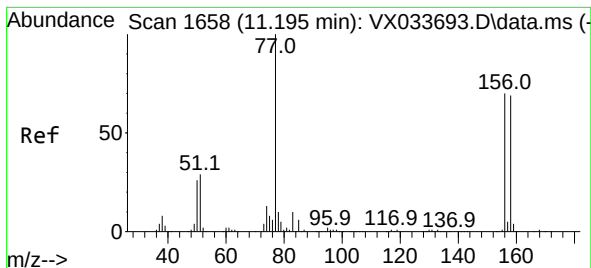
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#76
1,2,3-Trichloropropane
Concen: 47.204 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 75 Resp: 94735
Ion Ratio Lower Upper
75 100
77 42.3 21.8 65.4





#77

Bromobenzene

Concen: 54.334 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 104994

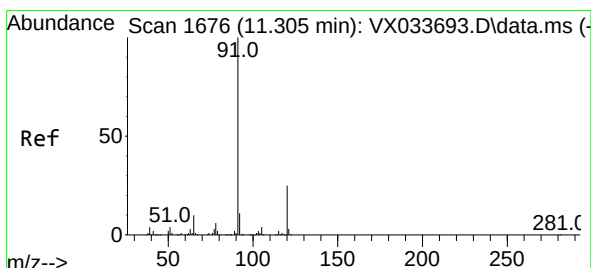
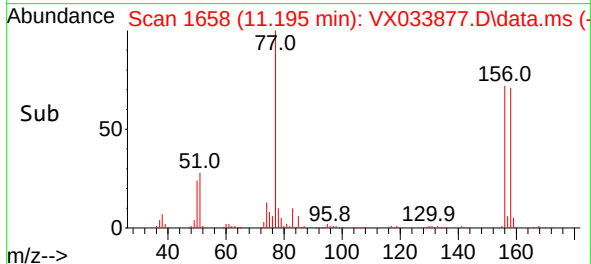
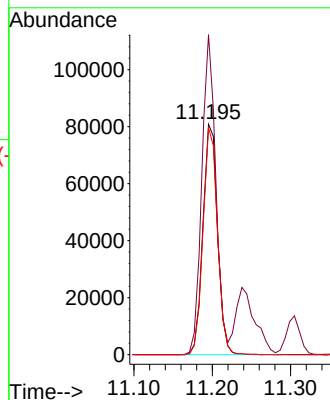
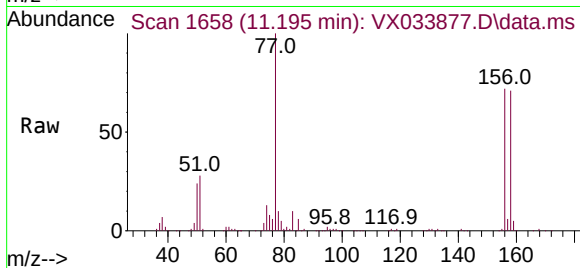
Ion	Ratio	Lower	Upper
156	100		
77	132.4	68.1	204.3
158	97.1	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#78

n-propylbenzene

Concen: 48.159 ug/l

RT: 11.305 min Scan# 1676

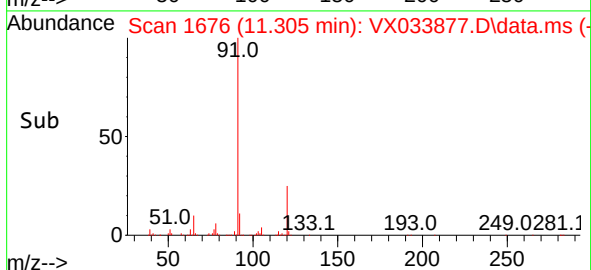
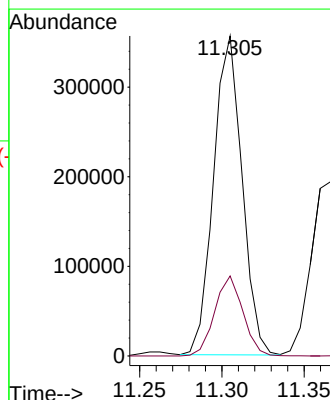
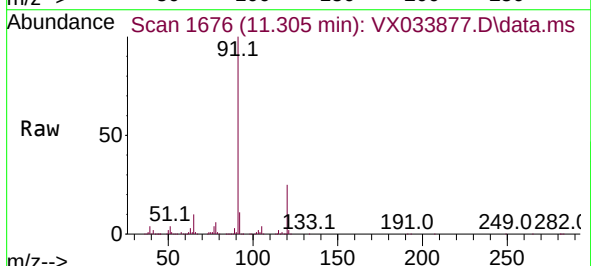
Delta R.T. 0.000 min

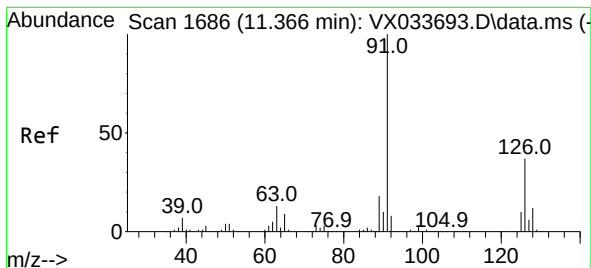
Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Tgt Ion: 91 Resp: 429242

Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.3	36.8





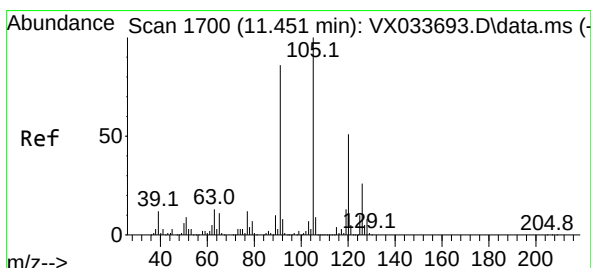
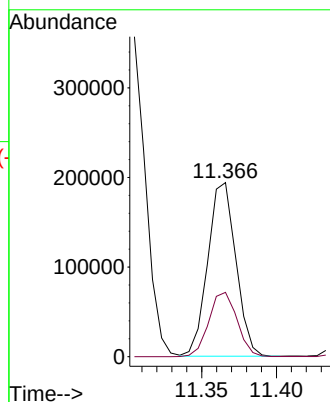
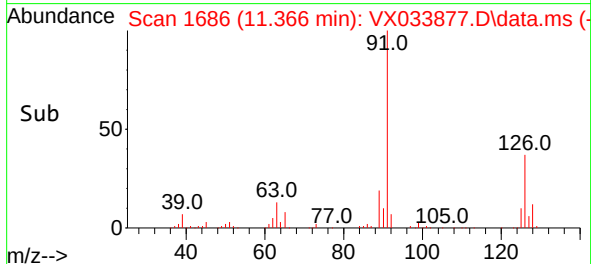
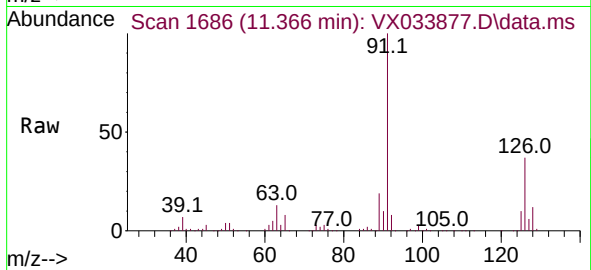
#79
2-Chlorotoluene
Concen: 52.686 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 252917
Ion Ratio Lower Upper
91 100
126 37.4 18.1 54.1

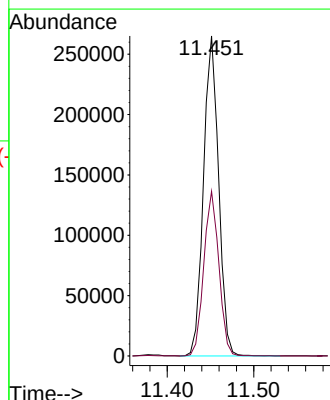
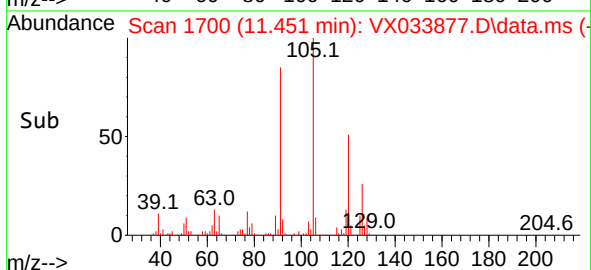
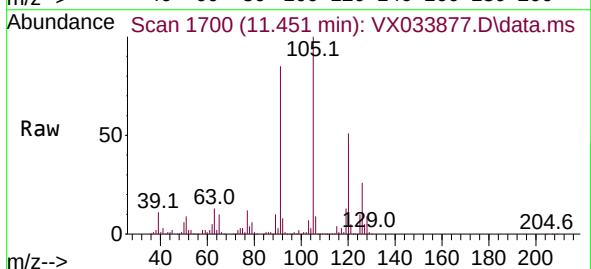
Manual Integrations
APPROVED

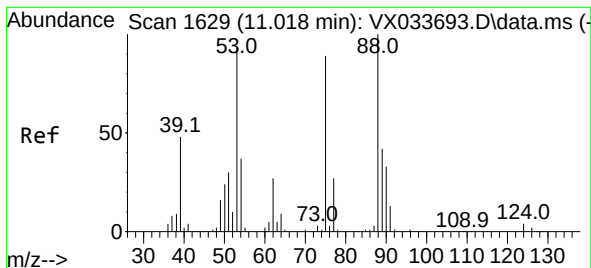
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.842 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion:105 Resp: 321025
Ion Ratio Lower Upper
105 100
120 51.4 25.6 76.8





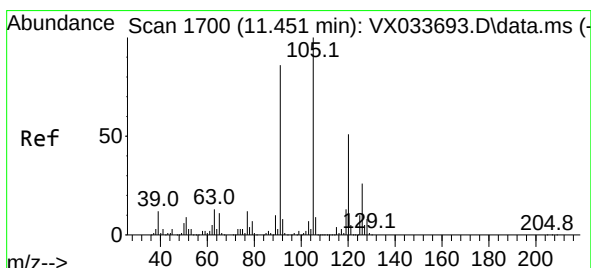
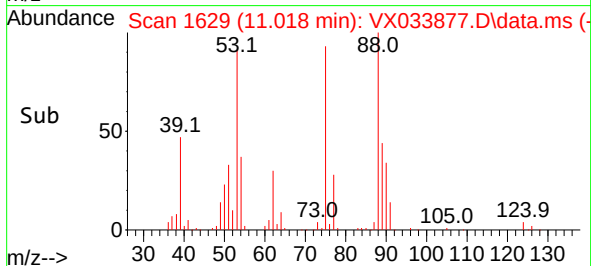
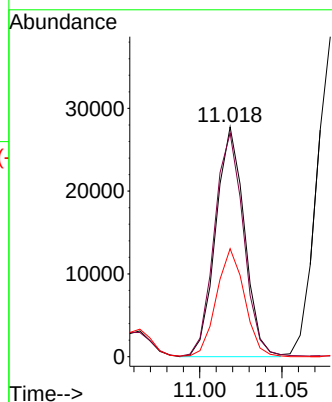
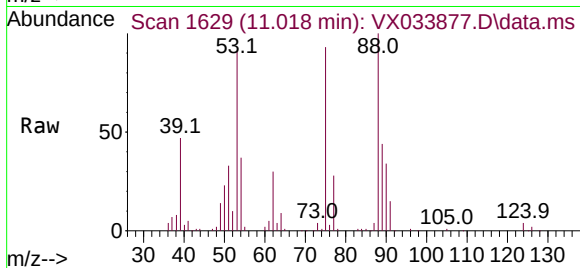
#81
trans-1,4-Dichloro-2-butene
Concen: 52.164 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3368
Ion Ratio Lower Upper
75 100
53 98.7 83.0 124.6
89 46.0 37.7 56.5

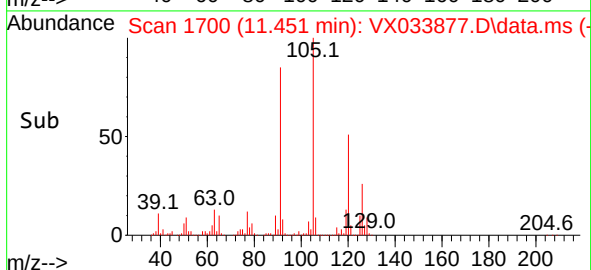
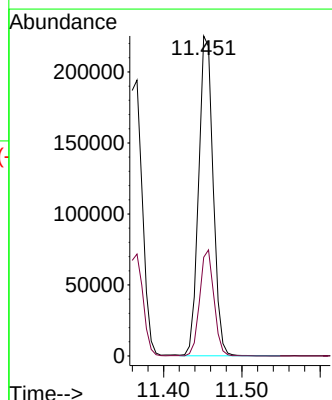
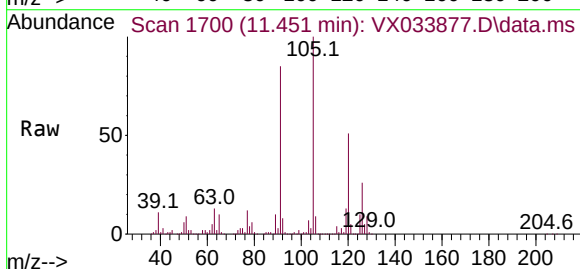
Manual Integrations
APPROVED

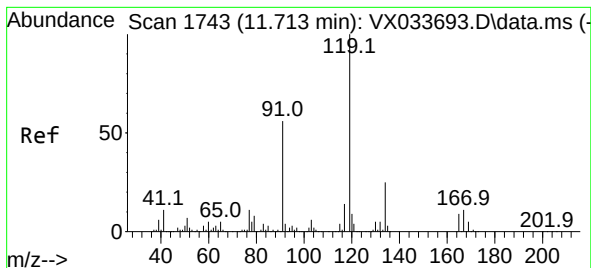
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#82
4-Chlorotoluene
Concen: 52.755 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

Tgt Ion: 91 Resp: 289827
Ion Ratio Lower Upper
91 100
126 32.6 15.8 47.4





#83

tert-Butylbenzene

Concen: 50.484 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 329459

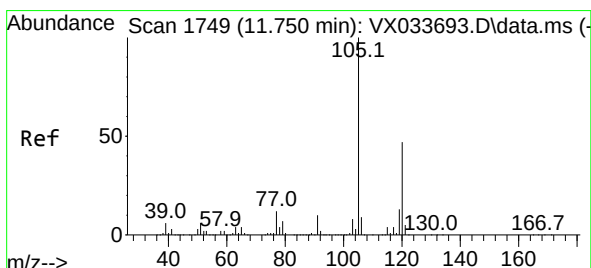
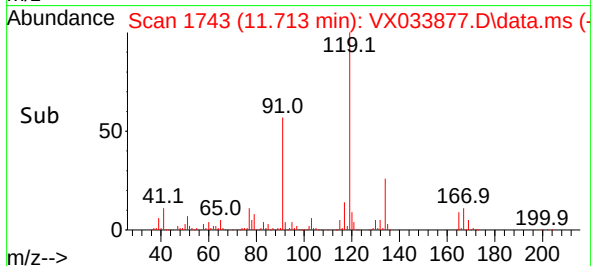
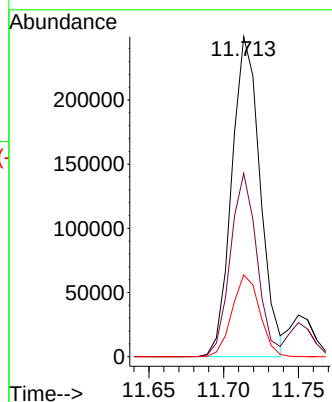
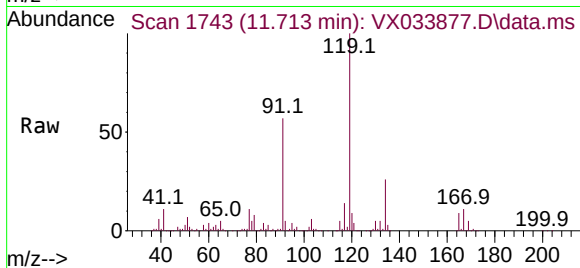
Ion	Ratio	Lower	Upper
119	100		
91	53.8	26.9	80.7
134	24.8	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.643 ug/l

RT: 11.750 min Scan# 1749

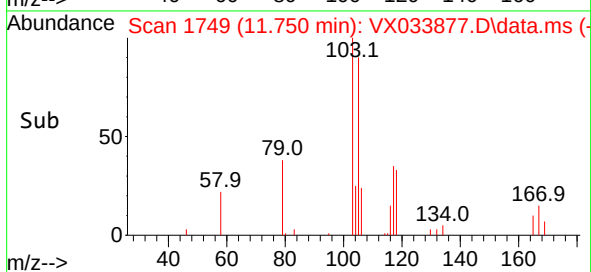
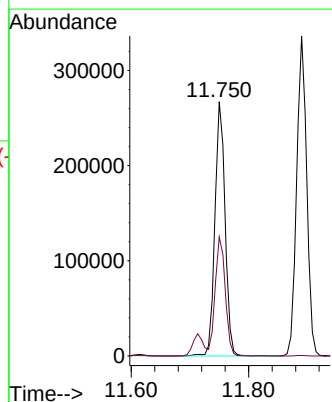
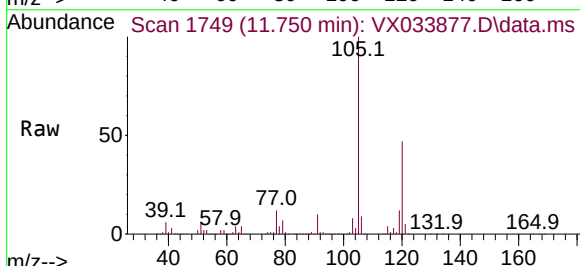
Delta R.T. 0.000 min

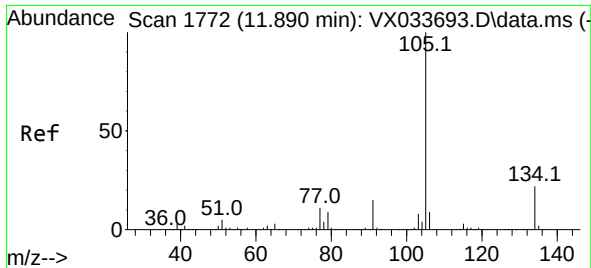
Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Tgt Ion:105 Resp: 321085

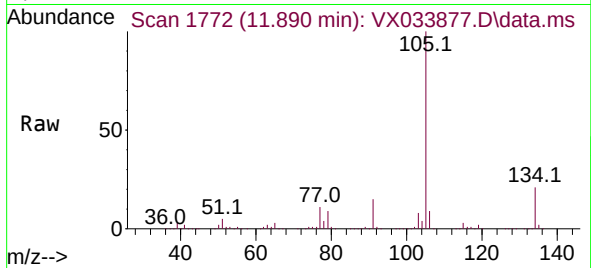
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 51.173 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033877.D
 Acq: 24 Jan 2023 19:02

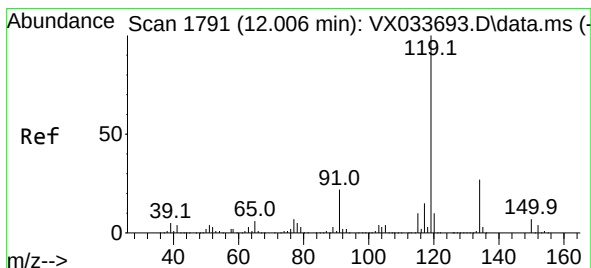
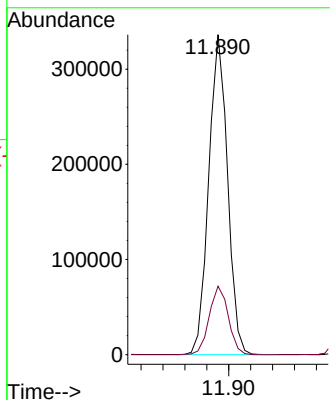
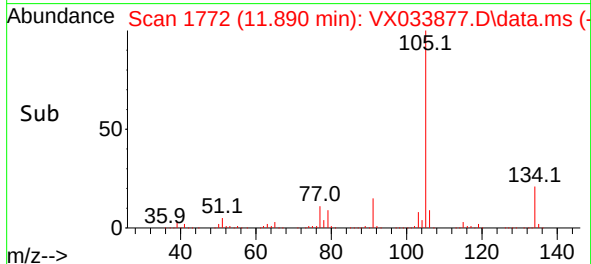
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



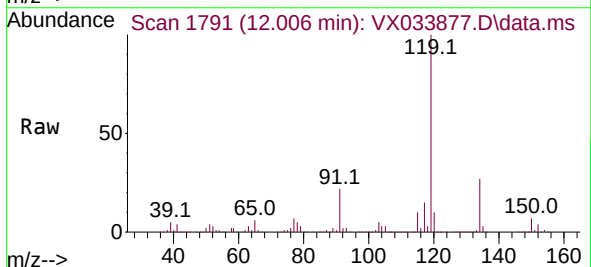
Tgt Ion:105 Resp: 399439
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

Manual Integrations
 APPROVED

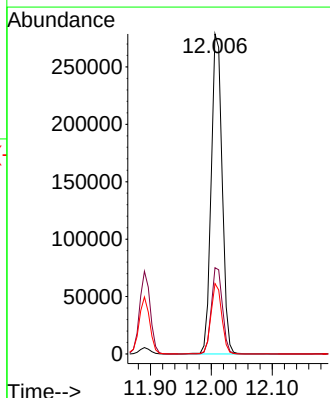
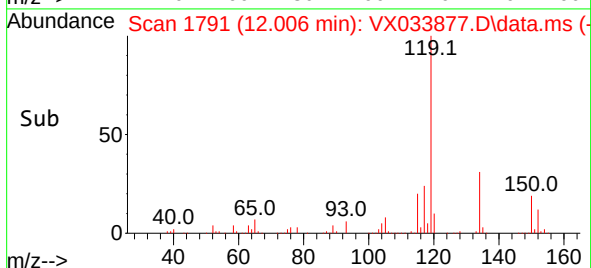
Reviewed By :John Carlone 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023

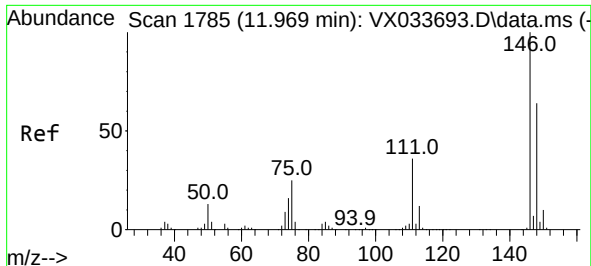


#86
 p-Isopropyltoluene
 Concen: 52.009 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033877.D
 Acq: 24 Jan 2023 19:02



Tgt Ion:119 Resp: 347570
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 21.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.557 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 190285

Ion Ratio Lower Upper

146 100

111 36.4 18.6 55.6

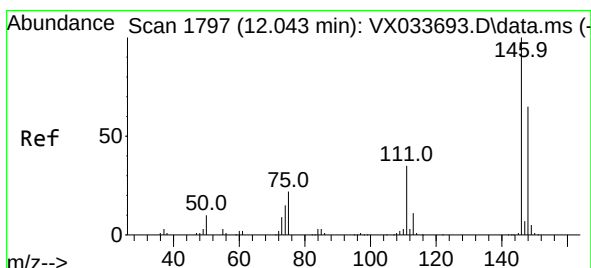
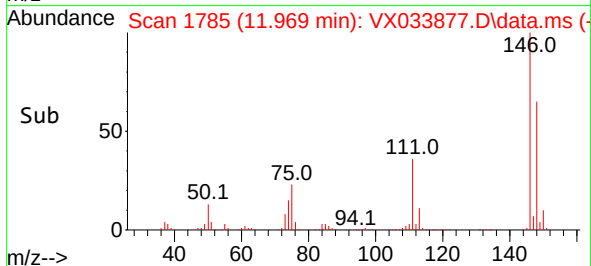
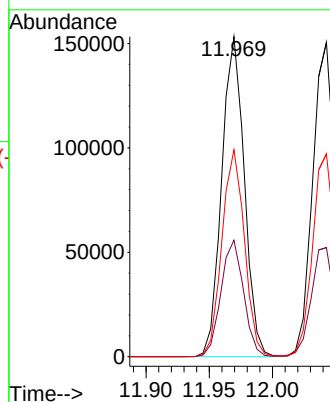
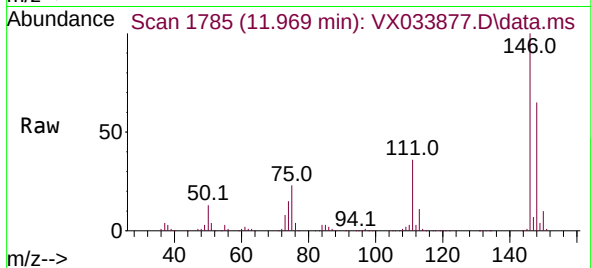
148 64.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#88

1,4-Dichlorobenzene

Concen: 50.052 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

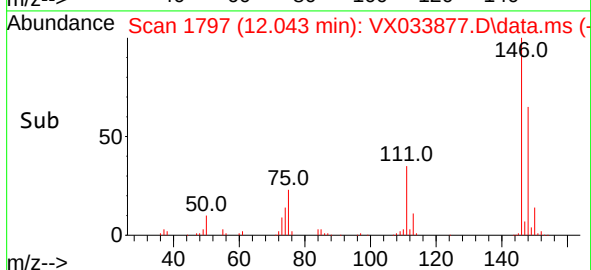
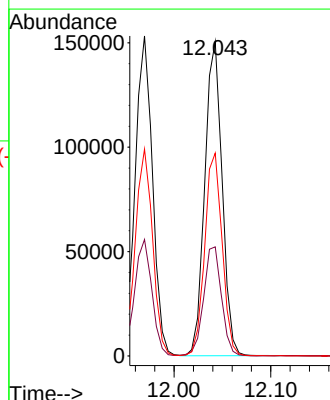
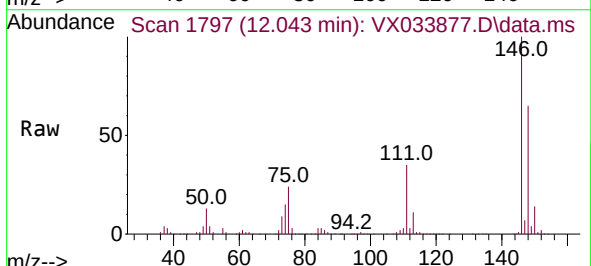
Tgt Ion:146 Resp: 188183

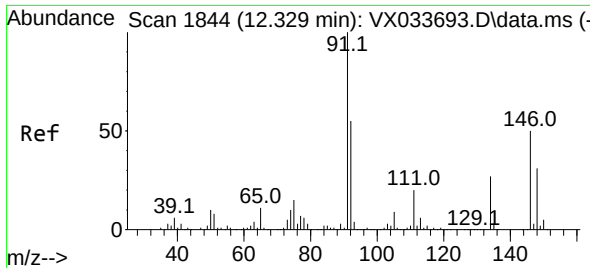
Ion Ratio Lower Upper

146 100

111 35.9 17.8 53.4

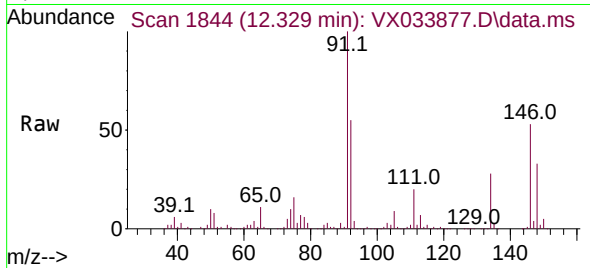
148 64.9 32.1 96.3





#89
n-Butylbenzene
Concen: 51.078 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

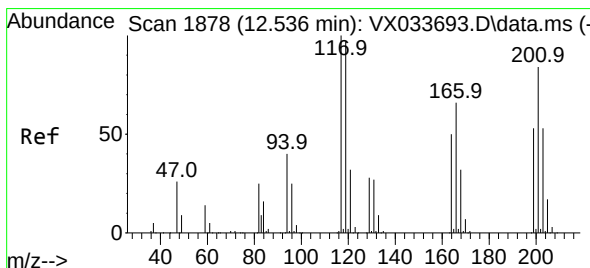
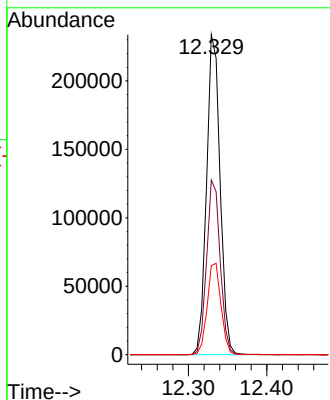
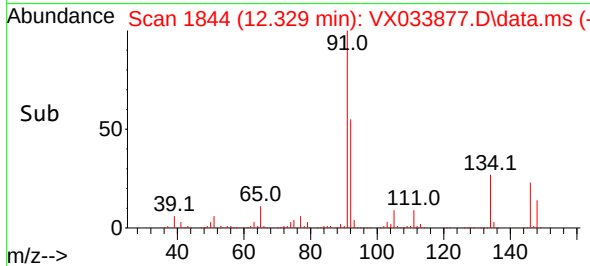
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 279254
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 29.2 14.3 42.9

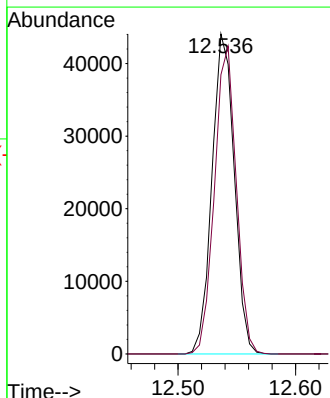
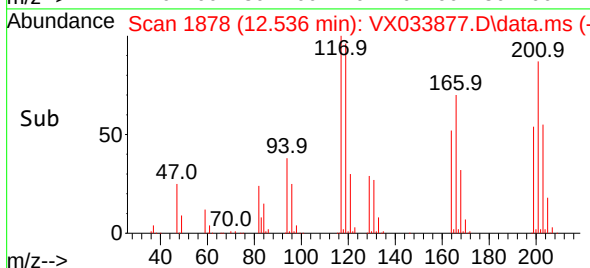
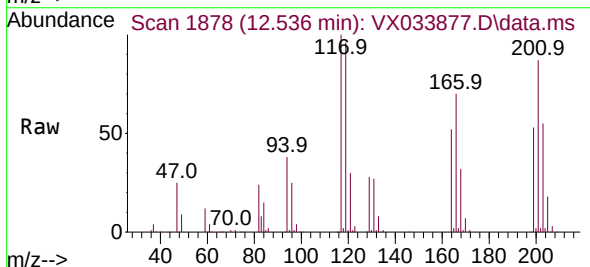
Manual Integrations
APPROVED

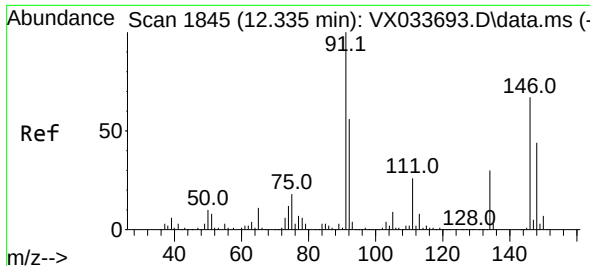
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#90
Hexachloroethane
Concen: 52.849 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

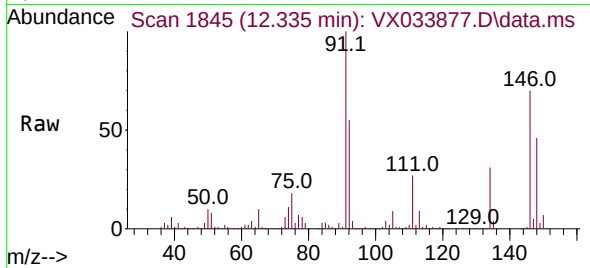
Tgt Ion:117 Resp: 58096
Ion Ratio Lower Upper
117 100
201 93.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 52.227 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

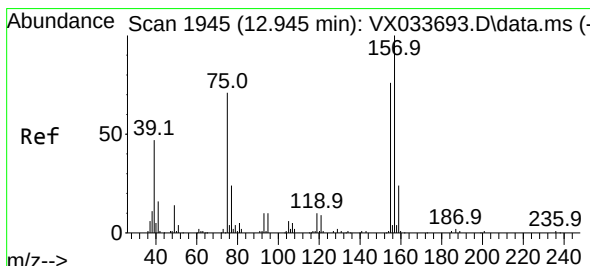
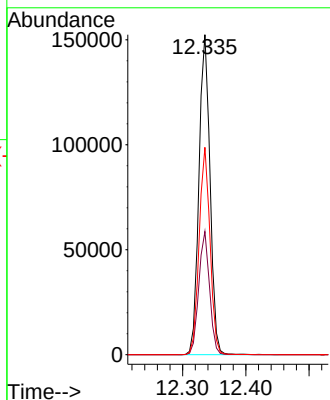
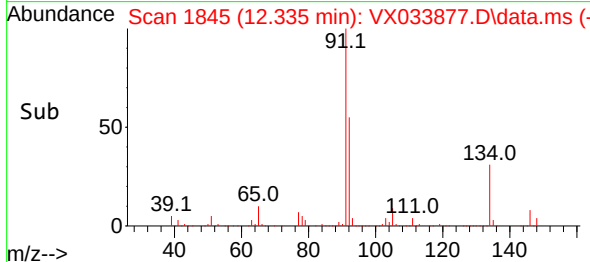
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



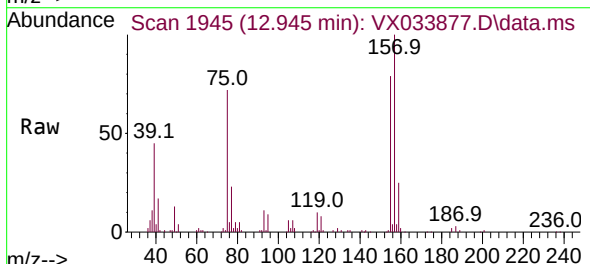
Tgt Ion:146 Resp: 186000
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 63.8 32.3 96.9

Manual Integrations
APPROVED

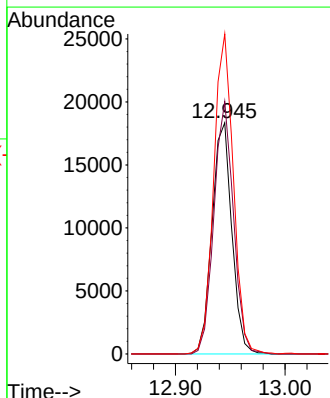
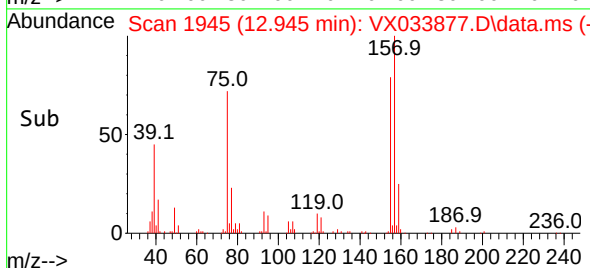
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

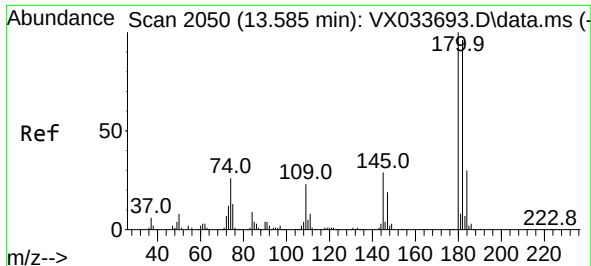


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.662 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



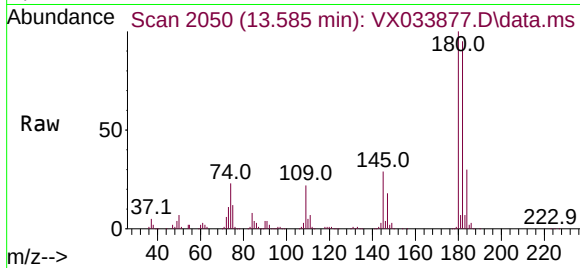
Tgt Ion: 75 Resp: 23027
Ion Ratio Lower Upper
75 100
155 107.9 51.7 155.1
157 137.2 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 54.455 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02

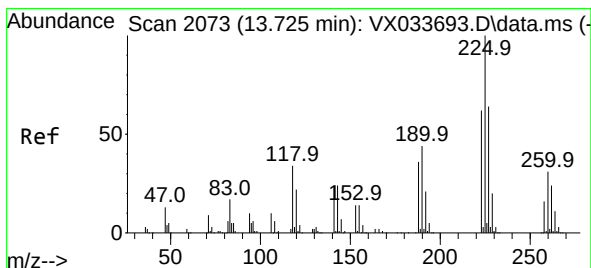
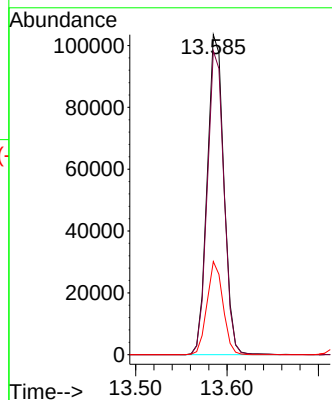
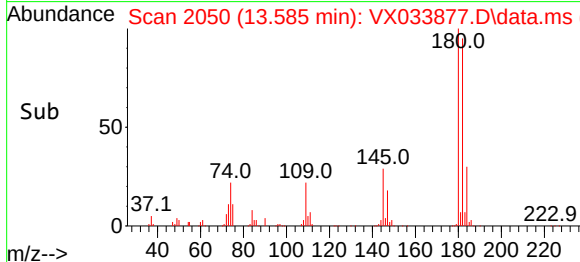
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



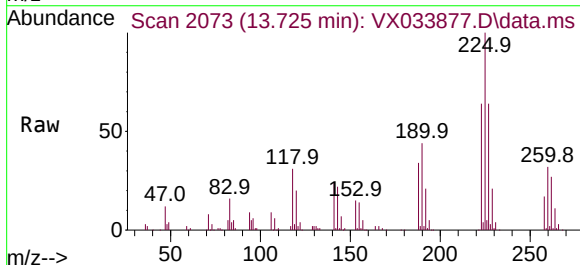
Tgt Ion:180 Resp: 130638
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 27.9 14.1 42.2

Manual Integrations
APPROVED

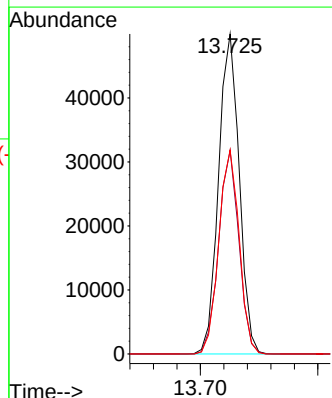
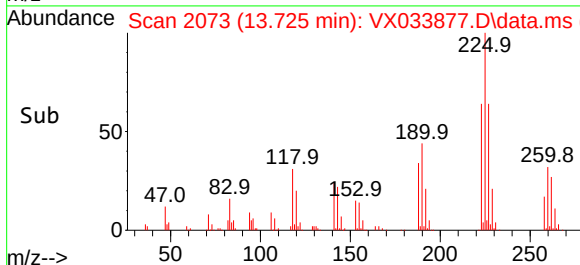
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

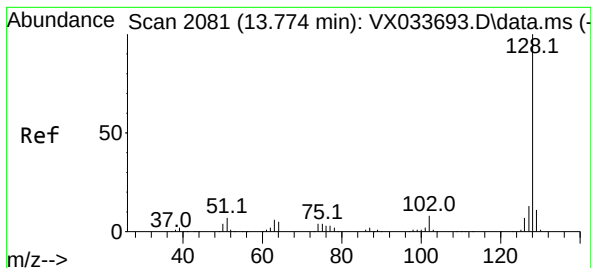


#94
Hexachlorobutadiene
Concen: 51.904 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033877.D
Acq: 24 Jan 2023 19:02



Tgt Ion:225 Resp: 60995
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.9
227 63.1 32.3 96.9





#95

Naphthalene

Concen: 54.210 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

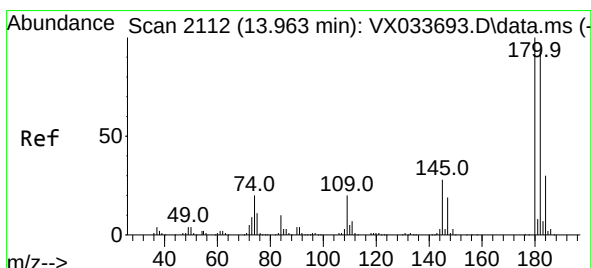
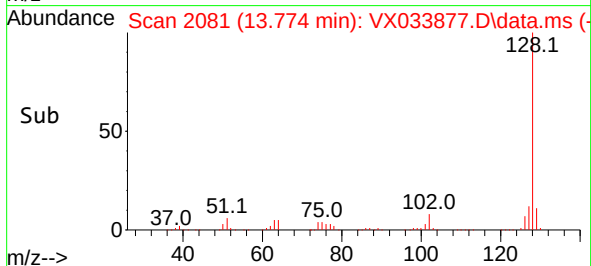
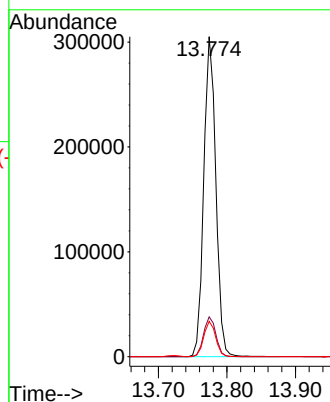
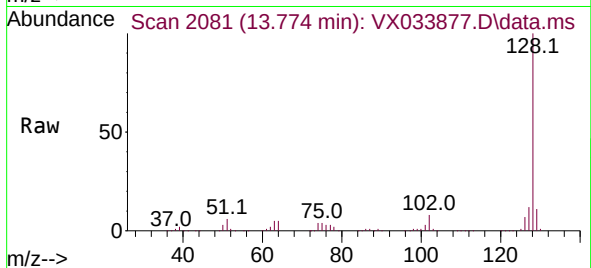
Tgt Ion:128 Resp: 374154
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.878 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033877.D

Acq: 24 Jan 2023 19:02

Tgt Ion:180 Resp: 129334
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 30.3 15.1 45.3

