

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033034.D
 Acq On : 24 Nov 2022 02:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 04:36:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60215	53.124	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.240%			
35) Dibromofluoromethane	5.385	113	51303	47.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.420%			
50) Toluene-d8	8.647	98	154864	47.248	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.500%			
62) 4-Bromofluorobenzene	11.079	95	69670	48.809	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	40972	46.062	ug/l	99
3) Chloromethane	1.295	50	44475	46.316	ug/l	99
4) Vinyl Chloride	1.374	62	50357	47.098	ug/l	97
5) Bromomethane	1.618	94	32039	40.410	ug/l	95
6) Chloroethane	1.691	64	41368	47.526	ug/l	99
7) Trichlorofluoromethane	1.886	101	113119	54.512	ug/l	100
8) Diethyl Ether	2.130	74	37165	56.887	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56493	51.795	ug/l	98
10) Methyl Iodide	2.453	142	45070	36.097	ug/l	100
11) Tert butyl alcohol	3.087	59	57015m	317.220	ug/l	
12) 1,1-Dichloroethene	2.319	96	51921	51.102	ug/l	96
13) Acrolein	2.240	56	44265	214.409	ug/l	100
14) Allyl chloride	2.666	41	86139	52.514	ug/l	99
15) Acrylonitrile	3.069	53	141421	278.185	ug/l	99
16) Acetone	2.398	43	125709	237.403	ug/l	99
17) Carbon Disulfide	2.514	76	130280	46.412	ug/l	99
18) Methyl Acetate	2.703	43	81222	55.412	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198488	56.330	ug/l	100
20) Methylene Chloride	2.788	84	60666	55.196	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	58986	50.753	ug/l	99
22) Diisopropyl ether	3.751	45	207735	58.161	ug/l #	80
23) Vinyl Acetate	3.721	43	811350	290.199	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109757	53.700	ug/l	99
25) 2-Butanone	4.562	43	202035	276.700	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77309	47.042	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	72248	54.713	ug/l	100
28) Bromochloromethane	4.891	49	48583	54.096	ug/l	100
29) Tetrahydrofuran	5.007	42	132920	286.888	ug/l	100
30) Chloroform	5.093	83	127289	55.605	ug/l	95
31) Cyclohexane	5.465	56	94590	51.488	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	111214	54.249	ug/l	100
36) 1,1-Dichloropropene	5.690	75	87768	50.515	ug/l	99
37) Ethyl Acetate	4.709	43	83480	55.072	ug/l	98
38) Carbon Tetrachloride	5.672	117	98495	51.102	ug/l	96
39) Methylcyclohexane	7.379	83	99233	50.057	ug/l	99
40) Benzene	6.032	78	255138	52.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46986	55.088	ug/l	97
42) 1,2-Dichloroethane	6.080	62	107227	54.668	ug/l	100
43) Isopropyl Acetate	6.336	43	137125	54.699	ug/l	99
44) Trichloroethene	7.123	130	69110	50.557	ug/l	98
45) 1,2-Dichloropropane	7.428	63	66347	55.111	ug/l	99
46) Dibromomethane	7.580	93	51206	54.511	ug/l	98
47) Bromodichloromethane	7.818	83	101950	56.167	ug/l	99
48) Methyl methacrylate	7.690	41	71362	55.302	ug/l	99
49) 1,4-Dioxane	7.726	88	30486	1283.438	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	436036	281.874	ug/l	99
52) Toluene	8.714	92	167833	52.367	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	101117	51.790	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	107764	55.071	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	70763	54.231	ug/l	99
56) Ethyl methacrylate	9.116	69	102293	56.898	ug/l	99
57) 1,3-Dichloropropane	9.305	76	114886	54.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229974	269.381	ug/l	100
59) 2-Hexanone	9.427	43	324975	284.384	ug/l	100
60) Dibromochloromethane	9.519	129	79737	56.759	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75303	54.676	ug/l	99
64) Tetrachloroethene	9.275	164	59959	47.448	ug/l	97
65) Chlorobenzene	10.080	112	181186	50.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72736	55.772	ug/l	99
67) Ethyl Benzene	10.195	91	332386	52.644	ug/l	99
68) m/p-Xylenes	10.299	106	259057	104.779	ug/l	100
69) o-Xylene	10.640	106	127467	53.283	ug/l	99
70) Styrene	10.653	104	215778	55.134	ug/l	99
71) Bromoform	10.799	173	56327	56.331	ug/l #	99
73) Isopropylbenzene	10.964	105	340004	50.978	ug/l	100
74) N-amyl acetate	10.842	43	128033	56.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	105436	52.377	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96792m	54.759	ug/l	
77) Bromobenzene	11.195	156	83474	50.890	ug/l	98
78) n-propylbenzene	11.305	91	393911	51.656	ug/l	99
79) 2-Chlorotoluene	11.366	91	236666	51.099	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	292224	52.155	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29135	53.576	ug/l	98
82) 4-Chlorotoluene	11.451	91	276401	50.926	ug/l	100
83) tert-Butylbenzene	11.713	119	282566	50.664	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	292953	52.437	ug/l	99
85) sec-Butylbenzene	11.890	105	344944	51.697	ug/l	100
86) p-Isopropyltoluene	12.006	119	298550	52.811	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155477	50.535	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	160317	50.880	ug/l	98
89) n-Butylbenzene	12.329	91	250363	51.408	ug/l	100
90) Hexachloroethane	12.536	117	47088	50.699	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	156295	52.223	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22397	55.764	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	94449	51.196	ug/l	99
94) Hexachlorobutadiene	13.725	225	38359	47.129	ug/l	98
95) Naphthalene	13.774	128	321061	53.795	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95470	51.604	ug/l	100

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ClientSampleId :
VSTDCCC050

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

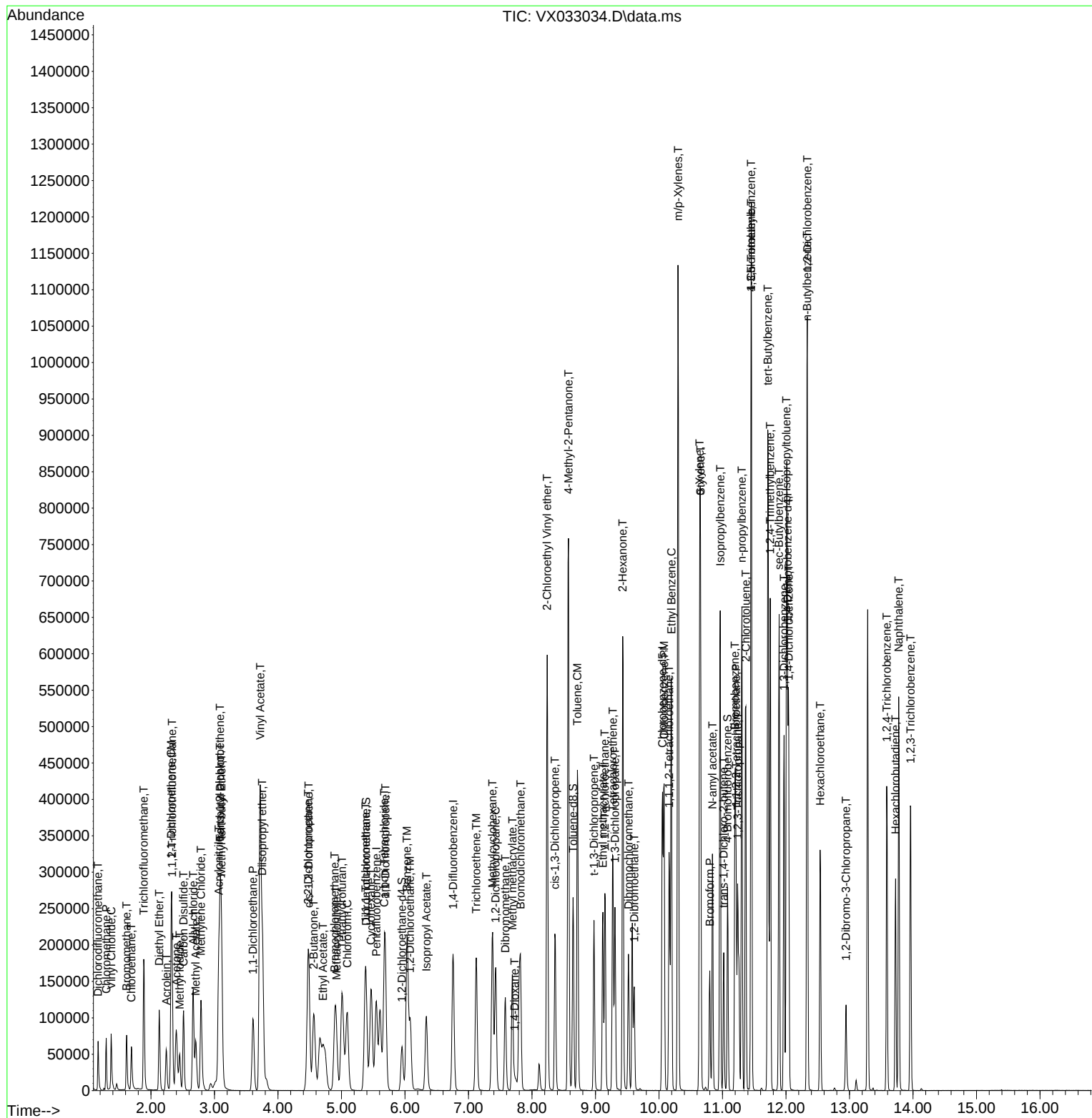
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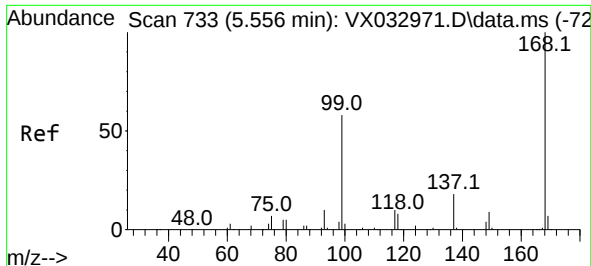
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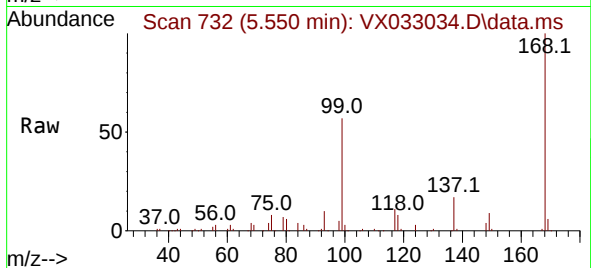
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033034.D
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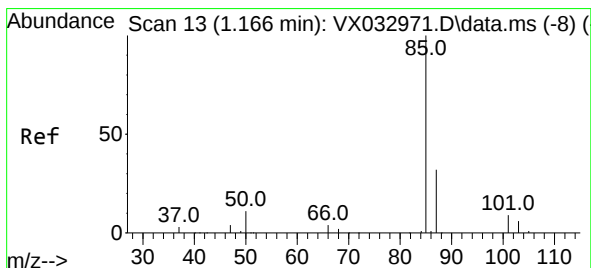
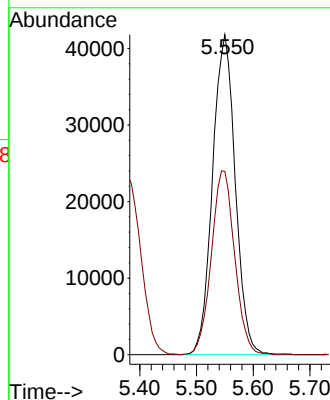
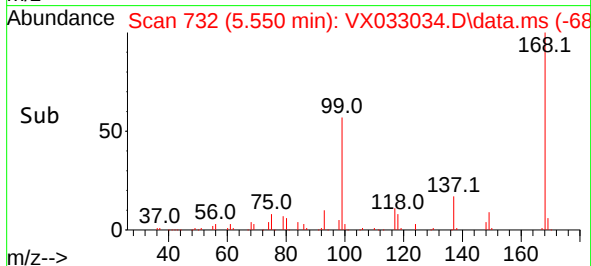
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11642
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1

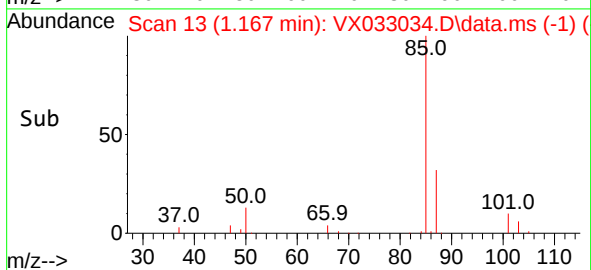
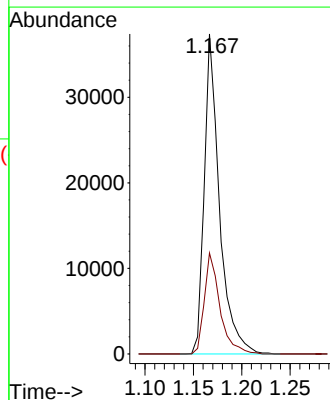
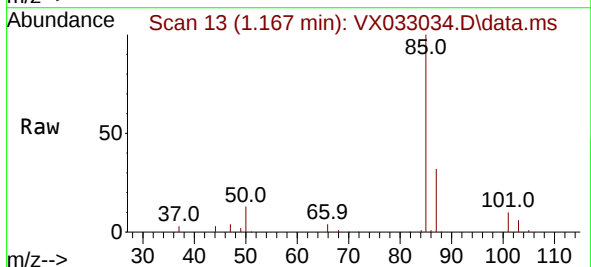
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#2
Dichlorodifluoromethane
Concen: 46.062 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion: 85 Resp: 40972
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.7





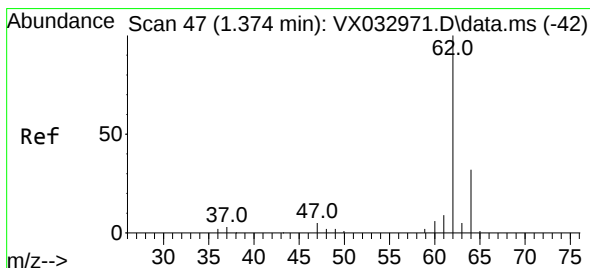
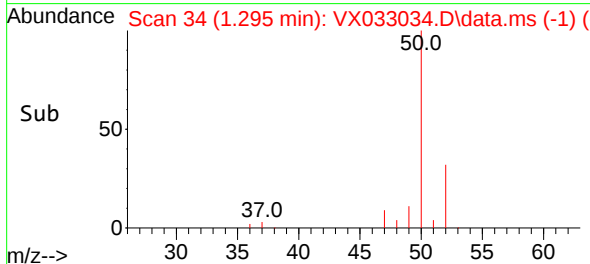
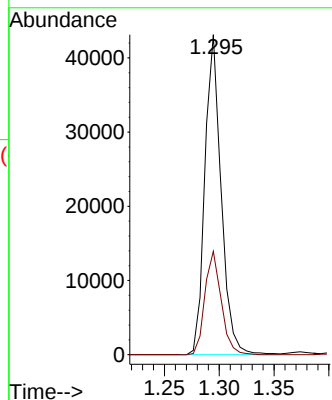
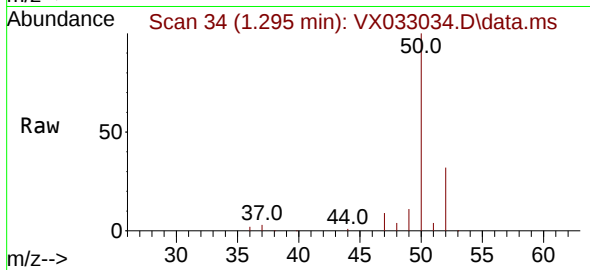
#3
Chloromethane
Concen: 46.316 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 44475
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

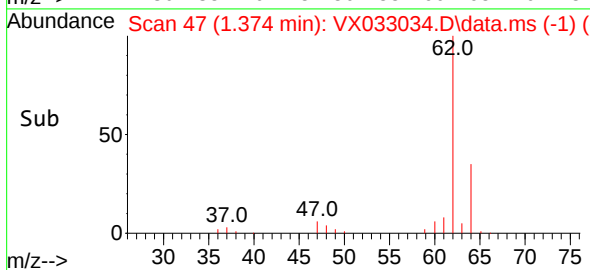
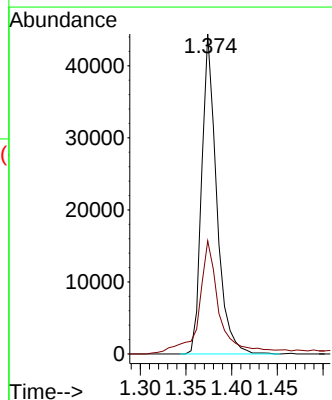
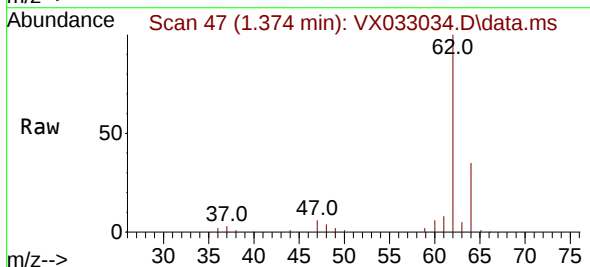
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#4
Vinyl Chloride
Concen: 47.098 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion: 62 Resp: 50357
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.6





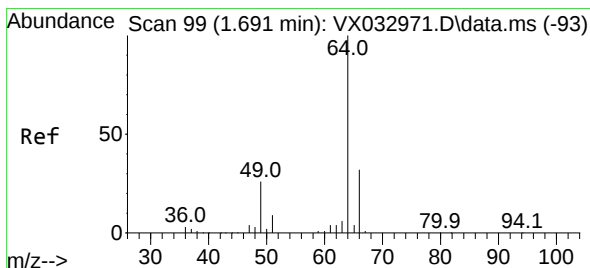
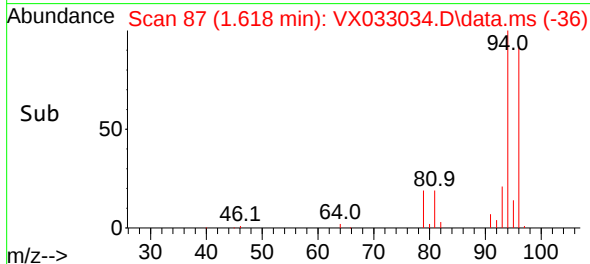
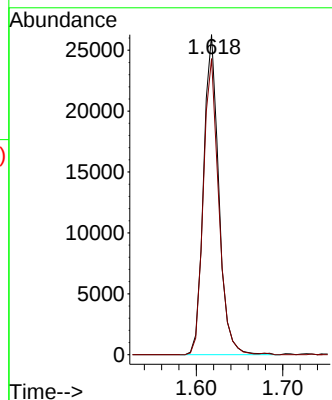
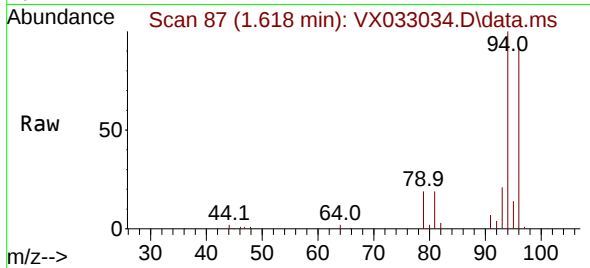
#5
Bromomethane
Concen: 40.410 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 32039
Ion Ratio Lower Upper
94 100
96 92.5 77.6 116.4

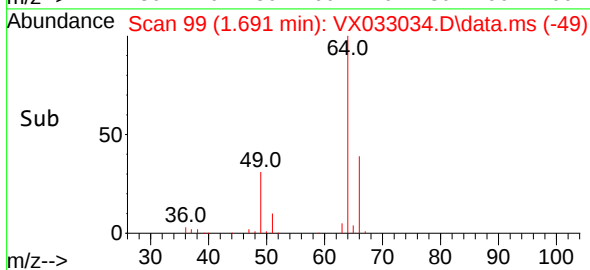
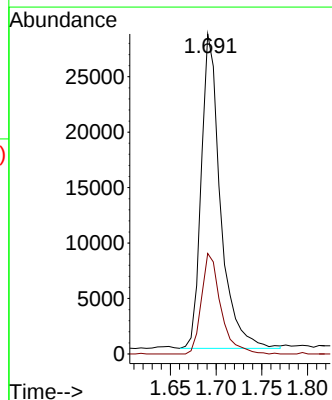
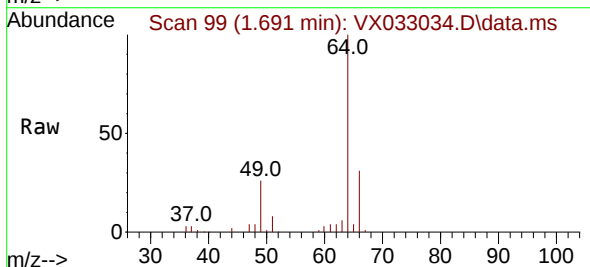
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#6
Chloroethane
Concen: 47.526 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033034.D
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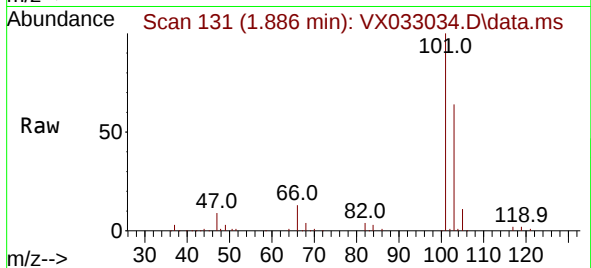
Tgt Ion: 64 Resp: 41368
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 54.512 ug/l
RT: 1.886 min Scan# 113119
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

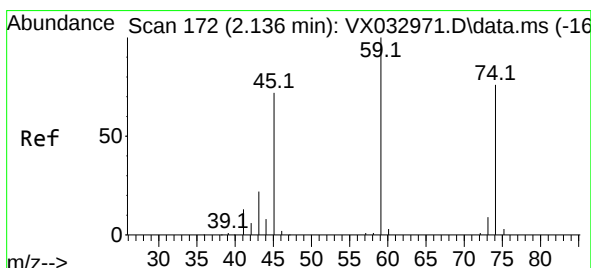
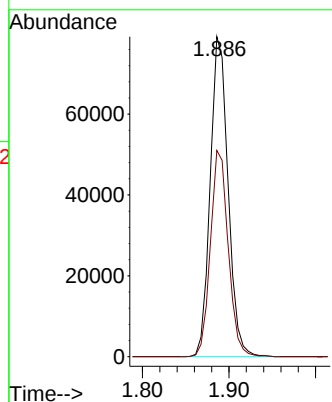
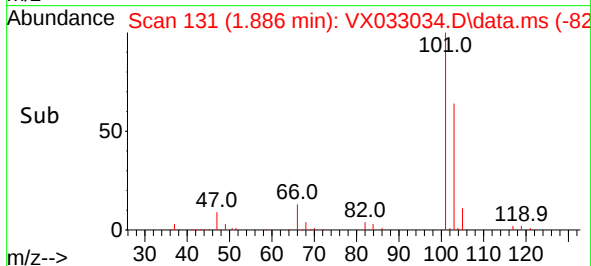
Instrument :
MSVOA_X
ClientSampleId :
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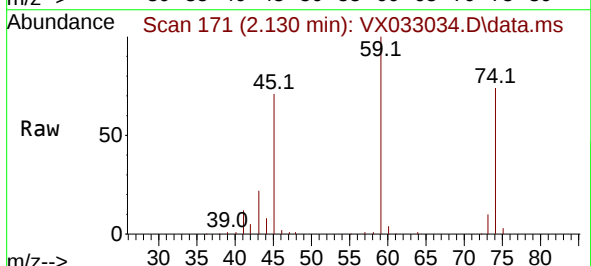
Tgt Ion:101 Resp: 113119
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

Manual Integrations
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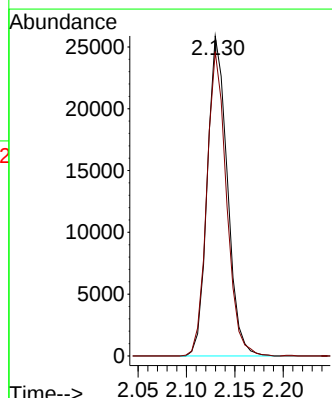
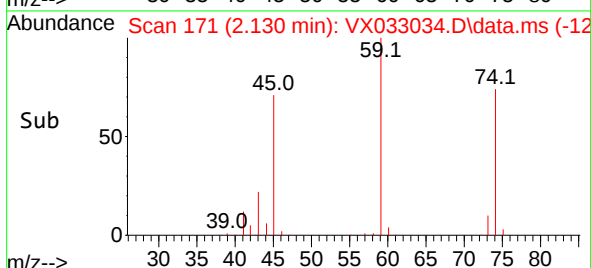
Reviewed By :John Carlone 11/25/2022
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#8
Diethyl Ether
Concen: 56.887 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 74 Resp: 37165
Ion Ratio Lower Upper
74 100
45 94.0 46.6 139.7





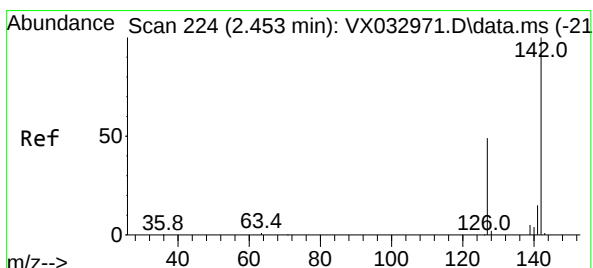
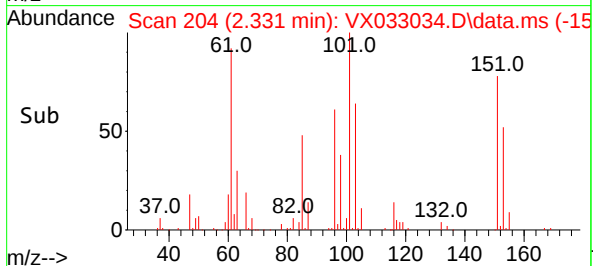
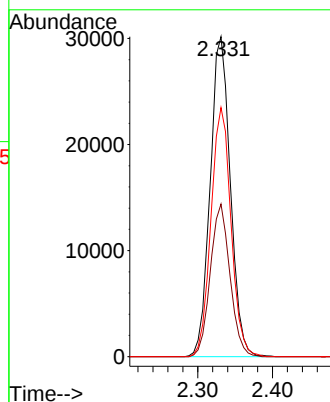
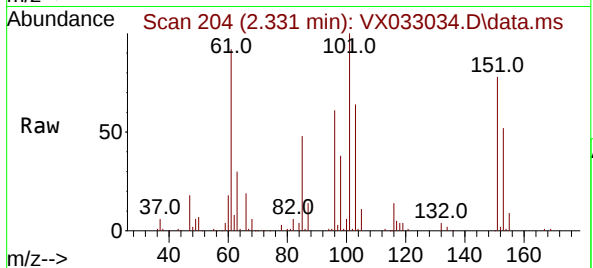
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1,1,2-Trichlorotrifluoroethane
Concen: 51.795 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5649
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.4
151 77.5 64.4 96.6

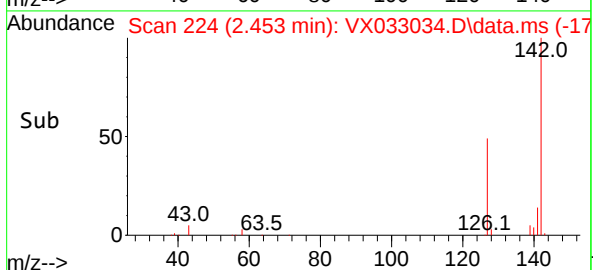
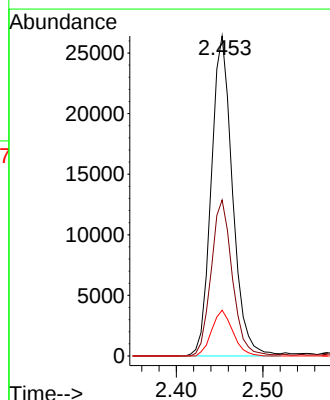
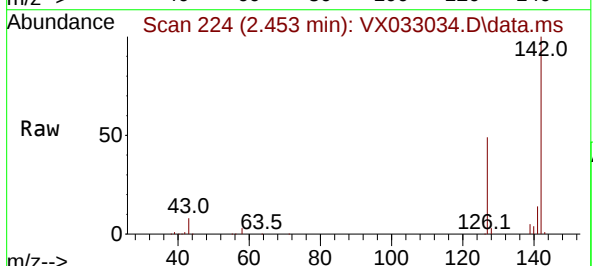
Manual Integrations
APPROVED

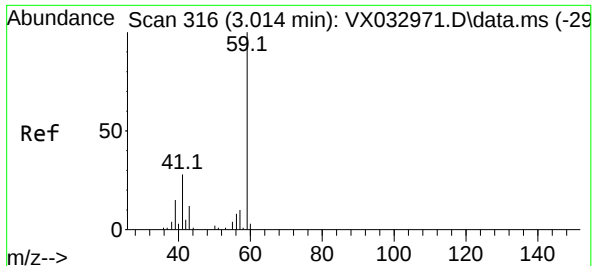
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 36.097 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

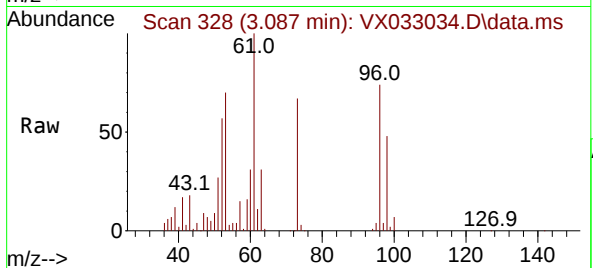
Tgt Ion:142 Resp: 45070
Ion Ratio Lower Upper
142 100
127 48.5 38.6 57.8
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 317.220 ug/l m
RT: 3.087 min Scan# 316
Delta R.T. 0.122 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

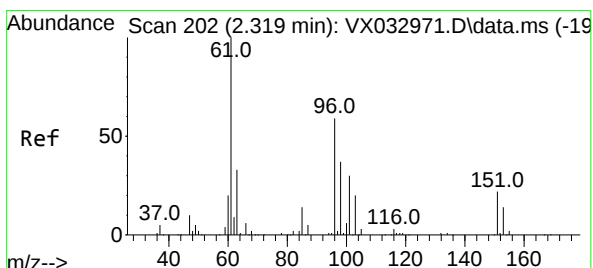
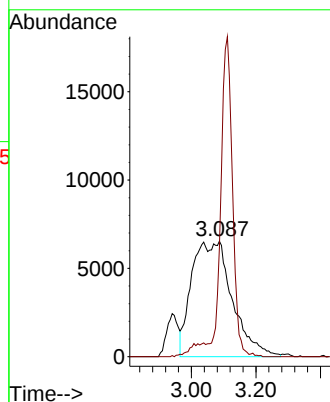
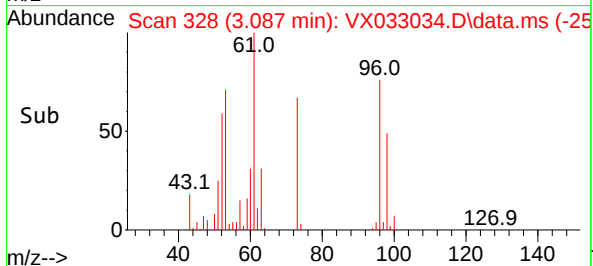
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 57015
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

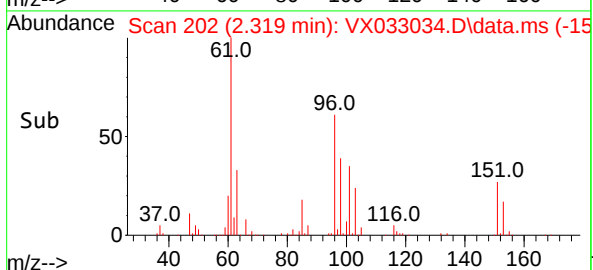
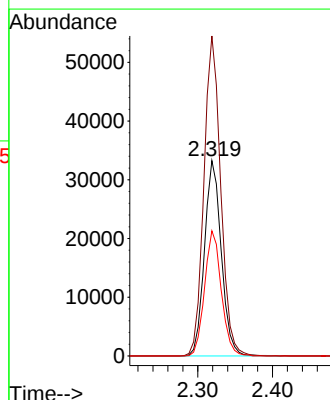
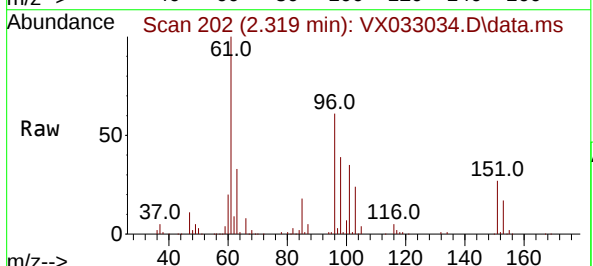
Manual Integrations
APPROVED

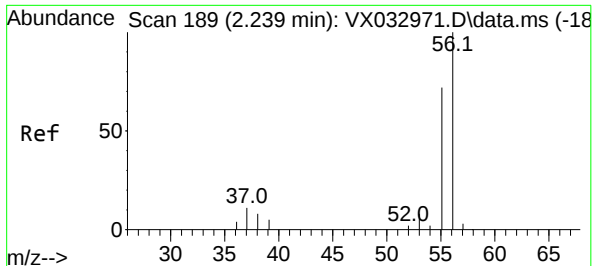
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 51.102 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

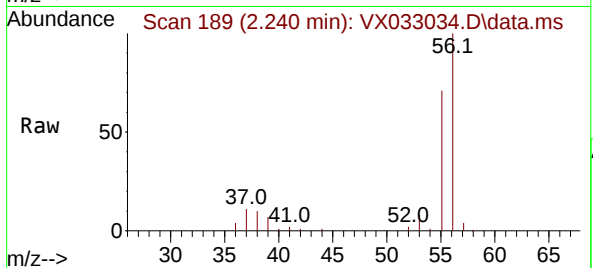
Tgt Ion: 96 Resp: 51921
Ion Ratio Lower Upper
96 100
61 163.8 125.1 187.7
98 64.1 50.6 76.0





#13
Acrolein
Concen: 214.409 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

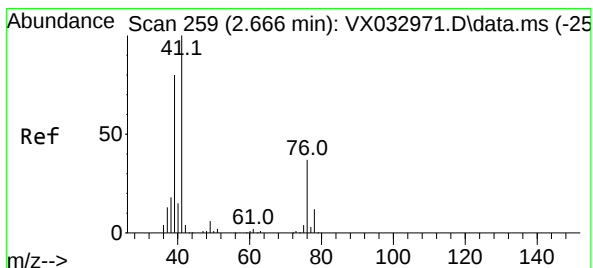
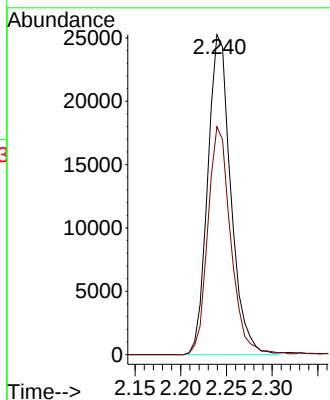
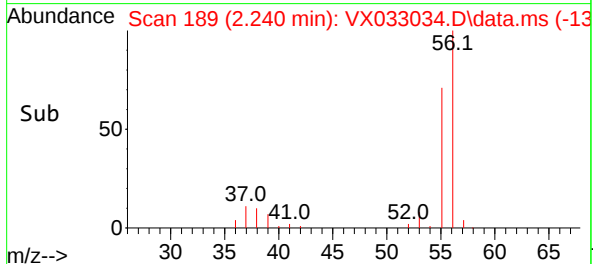
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



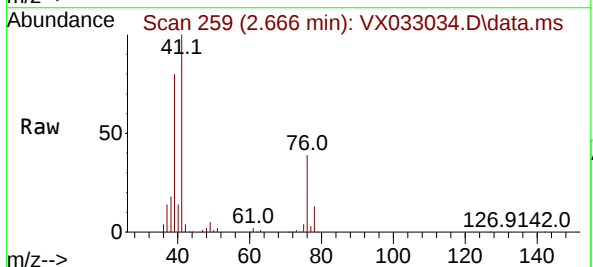
Tgt Ion: 56 Resp: 4426
Ion Ratio Lower Upper
56 100
55 70.8 56.9 85.3

Manual Integrations
APPROVED

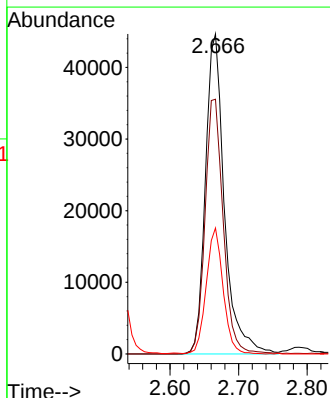
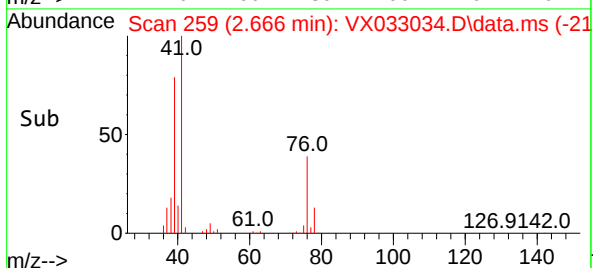
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 52.514 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



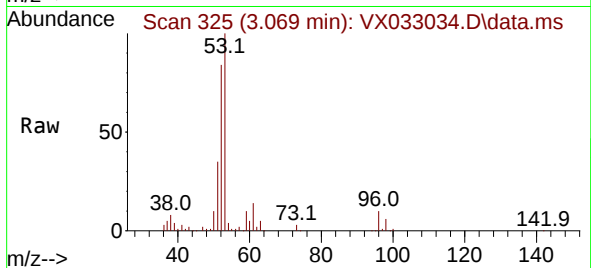
Tgt Ion: 41 Resp: 86139
Ion Ratio Lower Upper
41 100
39 76.2 61.4 92.2
76 35.1 29.2 43.8





#15
Acrylonitrile
Concen: 278.185 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

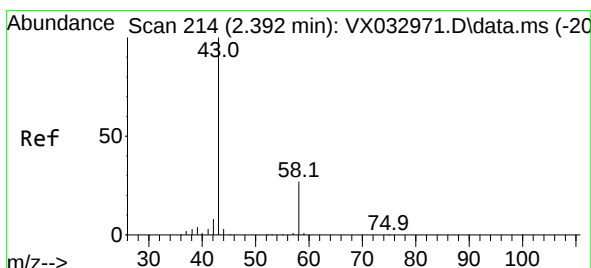
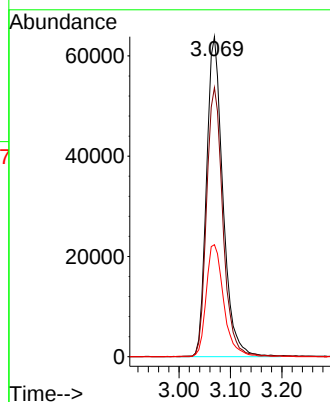
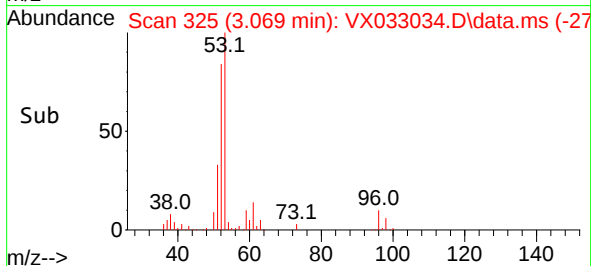
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



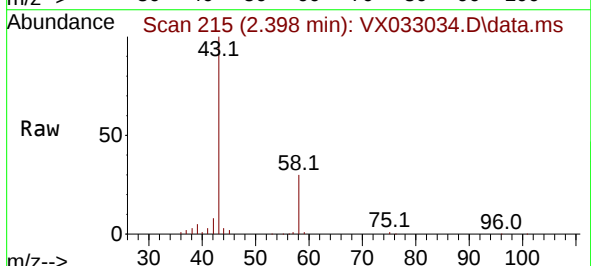
Tgt Ion: 53 Resp: 14142
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.0
51 36.9 30.3 45.5

Manual Integrations
APPROVED

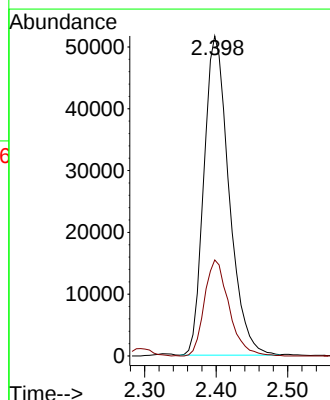
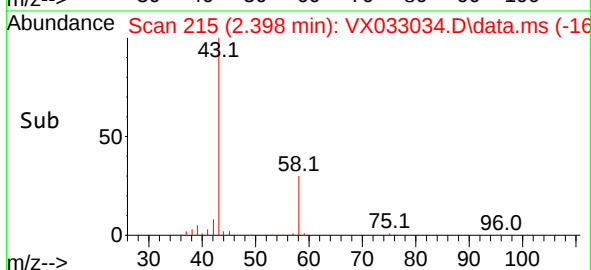
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

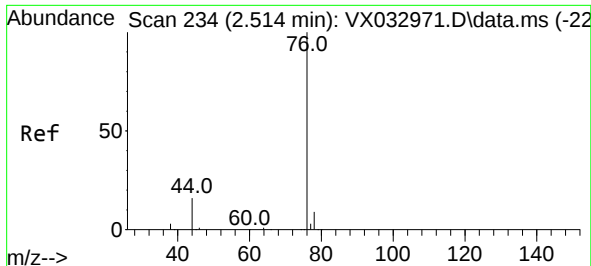


#16
Acetone
Concen: 237.403 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



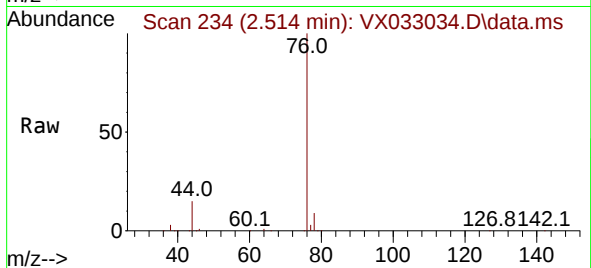
Tgt Ion: 43 Resp: 125709
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8





#17
Carbon Disulfide
Concen: 46.412 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

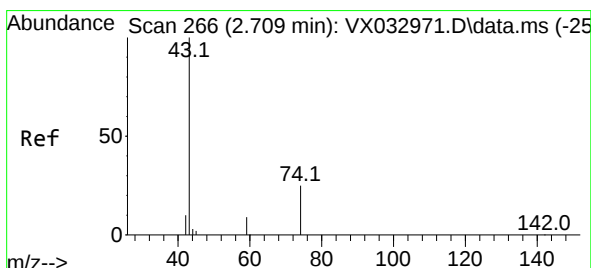
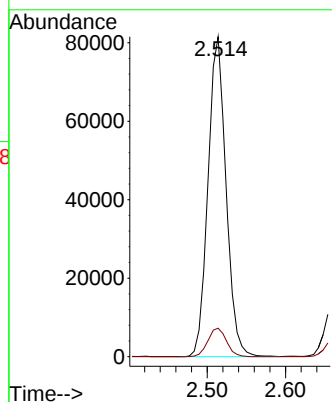
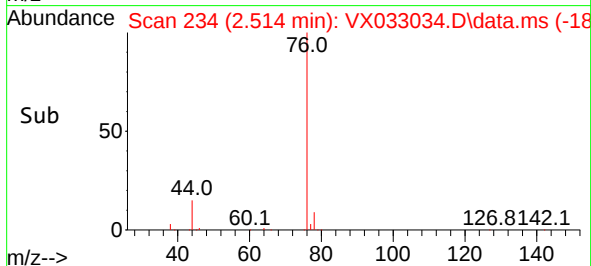
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 130280
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

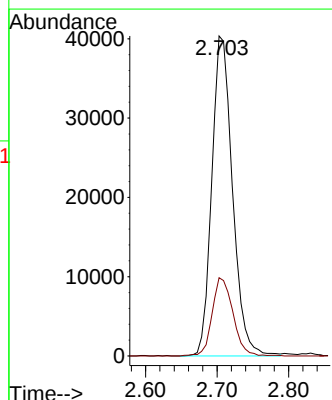
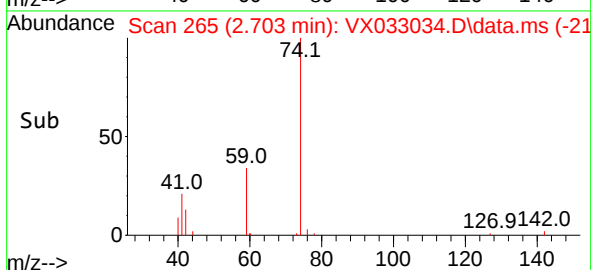
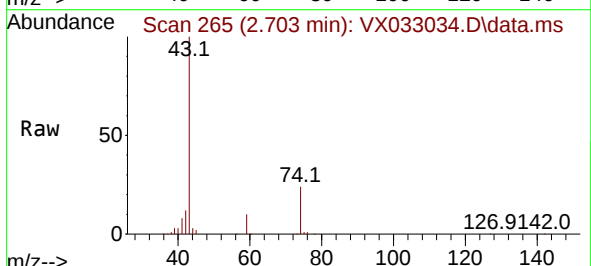
Manual Integrations
APPROVED

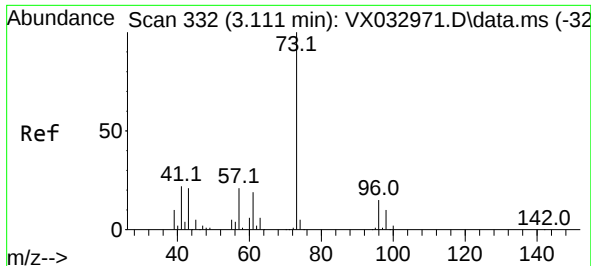
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 55.412 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion: 43 Resp: 81222
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0





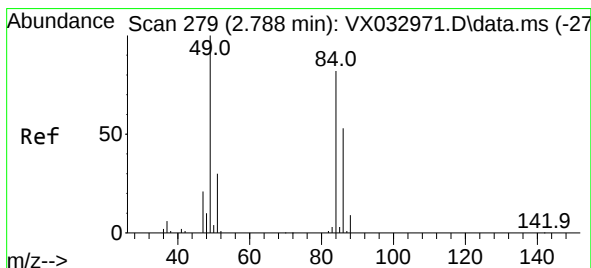
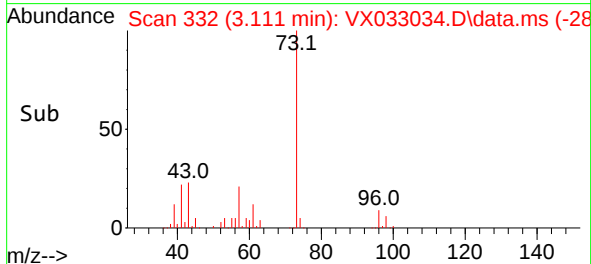
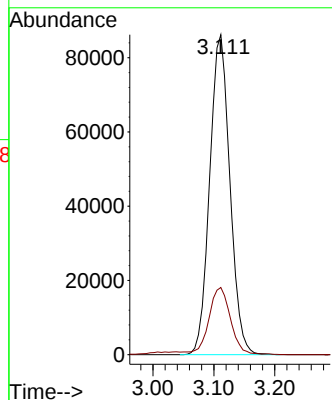
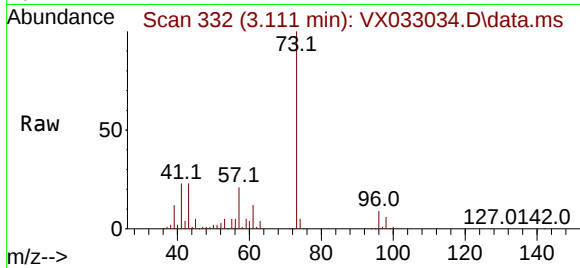
#19
Methyl tert-butyl Ether
Concen: 56.330 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 19848
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

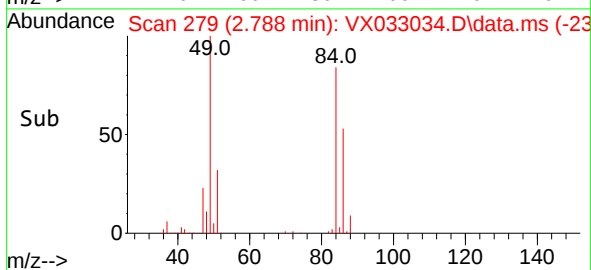
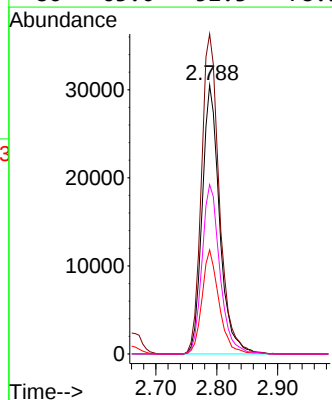
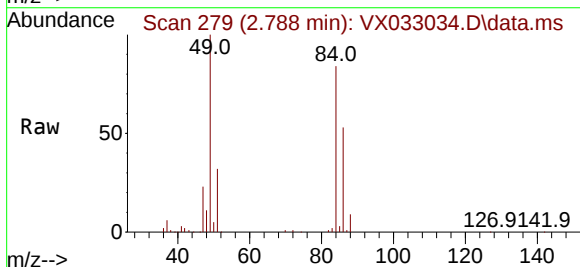
Manual Integrations
APPROVED

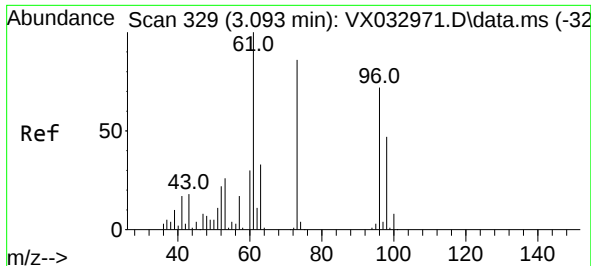
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 55.196 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

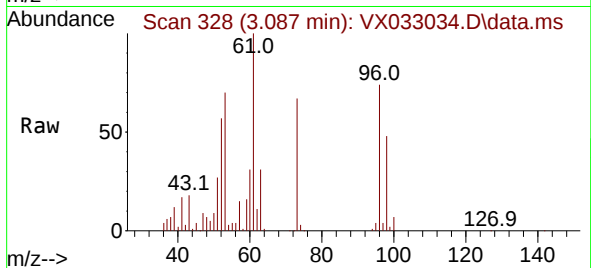
Tgt Ion: 84 Resp: 60666
Ion Ratio Lower Upper
84 100
49 119.1 101.0 151.6
51 38.7 31.1 46.7
86 63.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.753 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

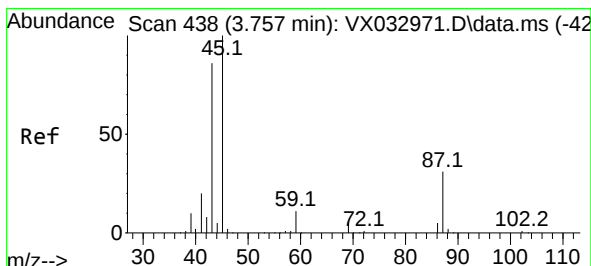
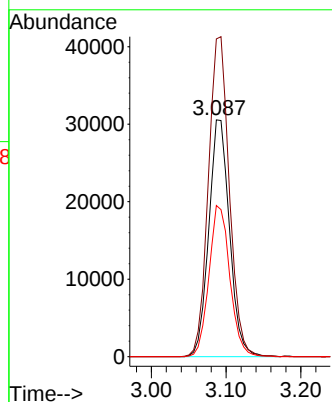
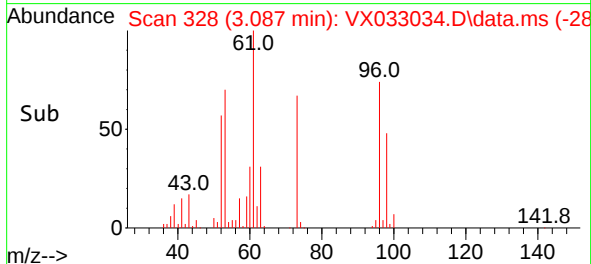
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 58980
Ion Ratio Lower Upper
96 100
61 134.2 106.6 160.0
98 63.9 51.0 76.6

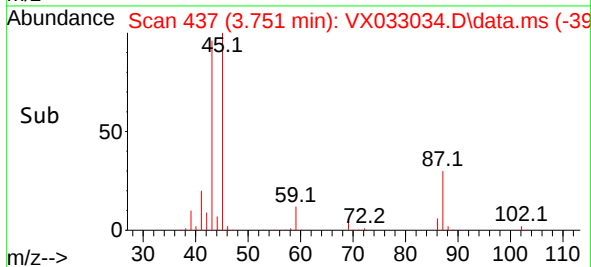
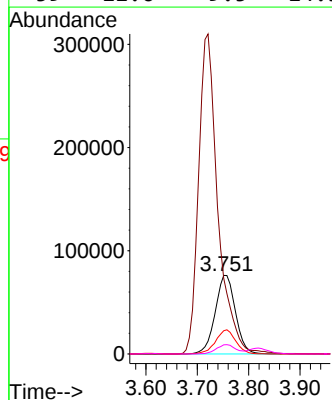
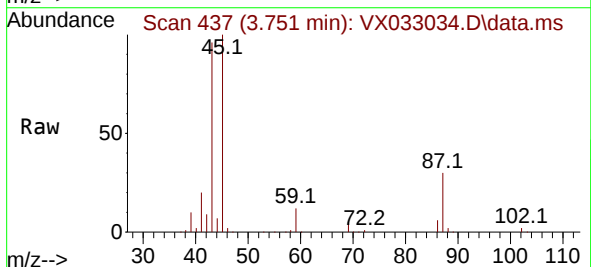
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 58.161 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

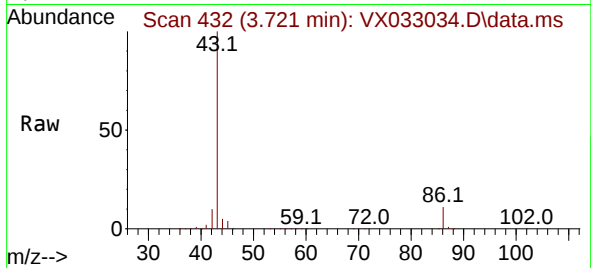
Tgt Ion: 45 Resp: 207735
Ion Ratio Lower Upper
45 100
43 96.2 56.4 84.6#
87 29.5 24.4 36.6
59 11.6 9.5 14.3





#23
 Vinyl Acetate
 Concen: 290.199 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033034.D
 Acq: 24 Nov 2022 02:38

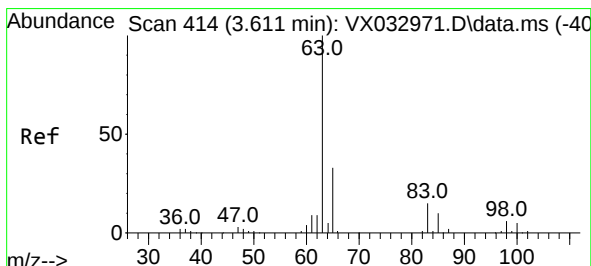
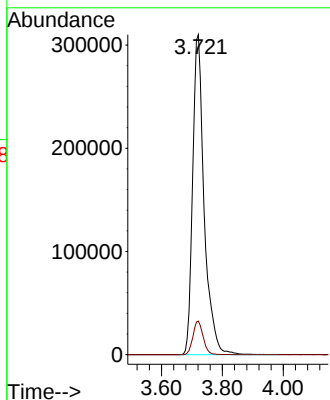
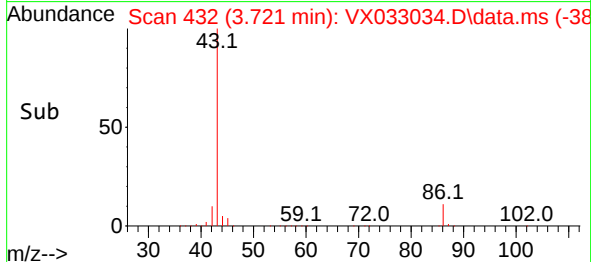
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



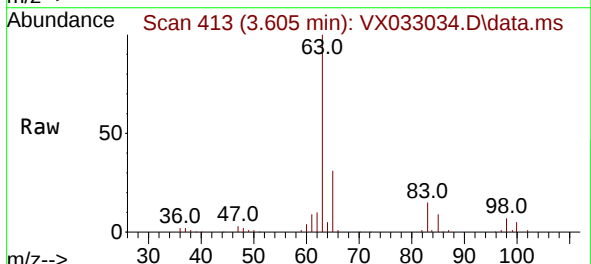
Tgt Ion: 43 Resp: 811350
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

Manual Integrations
 APPROVED

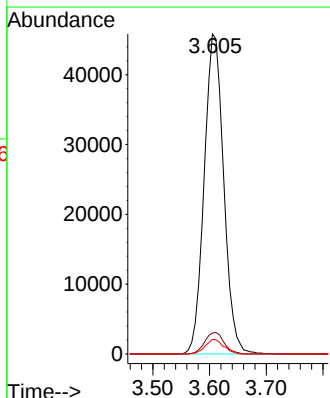
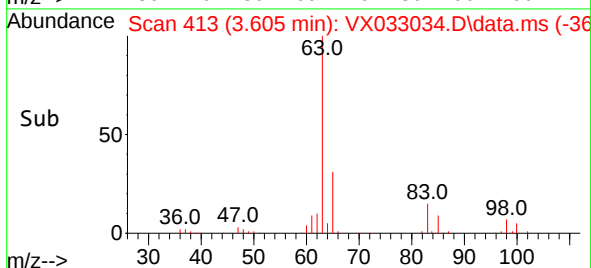
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

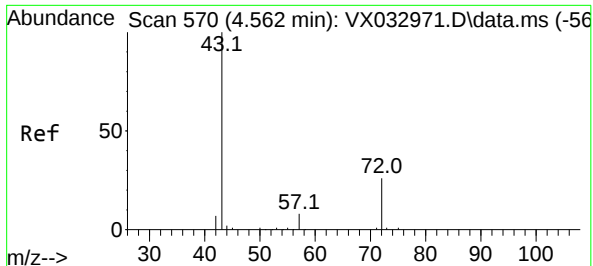


#24
 1,1-Dichloroethane
 Concen: 53.700 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033034.D
 Acq: 24 Nov 2022 02:38



Tgt Ion: 63 Resp: 109757
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.6 2.3 6.8





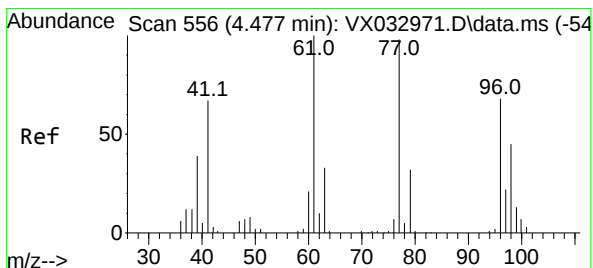
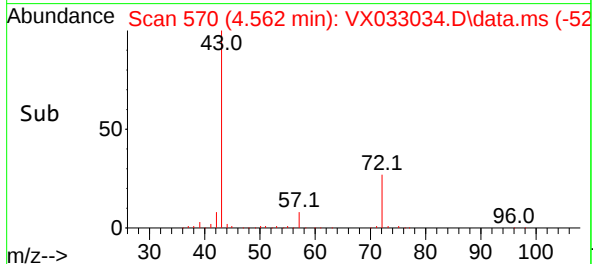
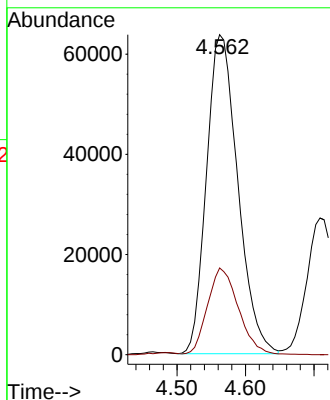
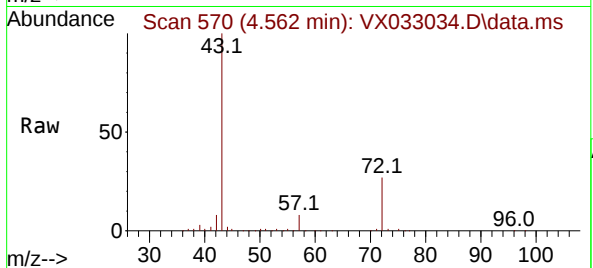
#25
2-Butanone
Concen: 276.700 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20203
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2

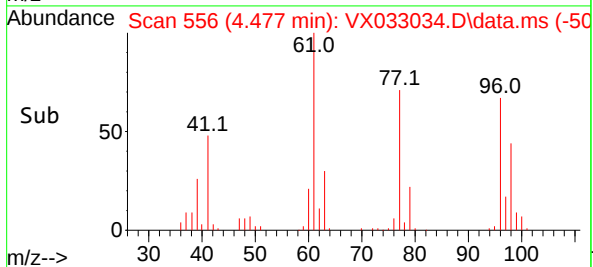
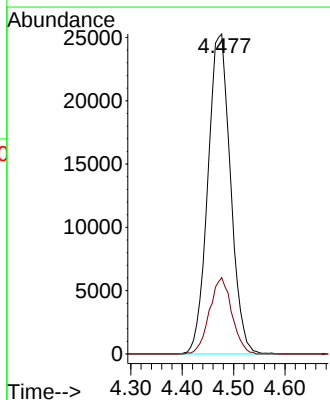
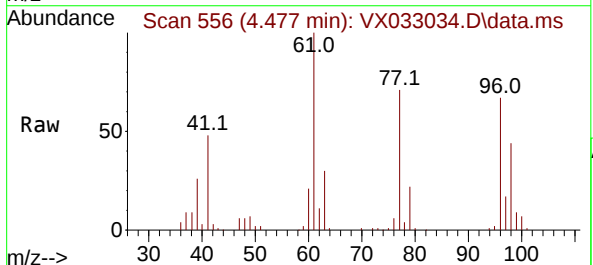
Manual Integrations
APPROVED

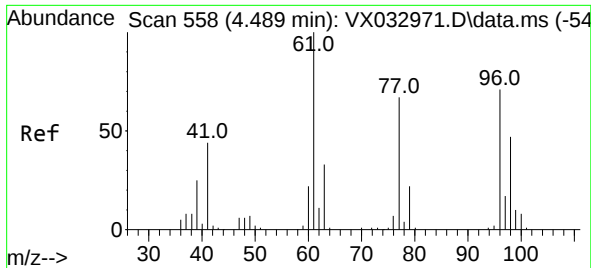
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#26
2,2-Dichloropropane
Concen: 47.042 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion: 77 Resp: 77309
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





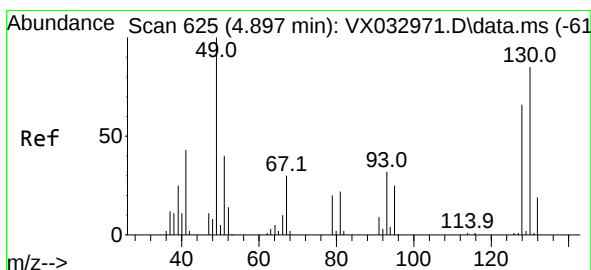
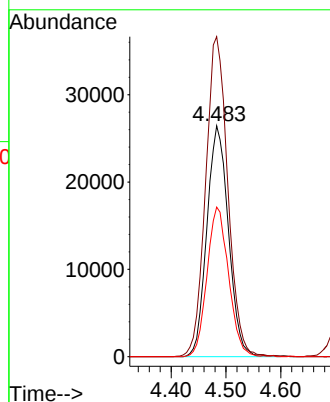
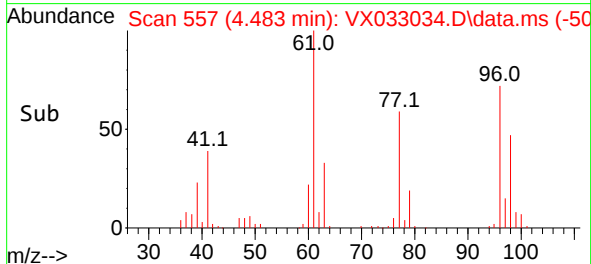
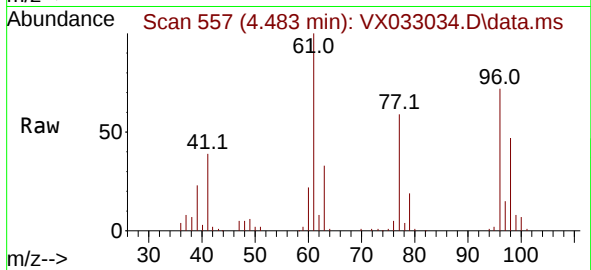
#27
 cis-1,2-Dichloroethene
 Concen: 54.713 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX033034.D
 Acq: 24 Nov 2022 02:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 7224
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 286.0
 98 64.7 0.0 129.6

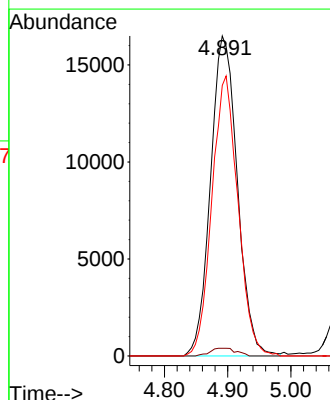
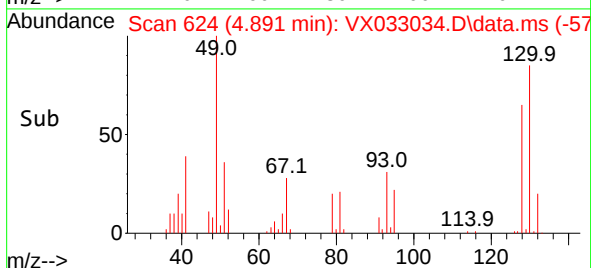
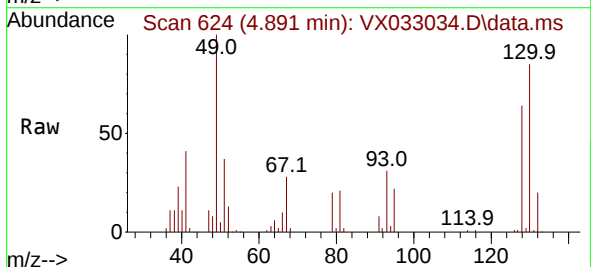
Manual Integrations
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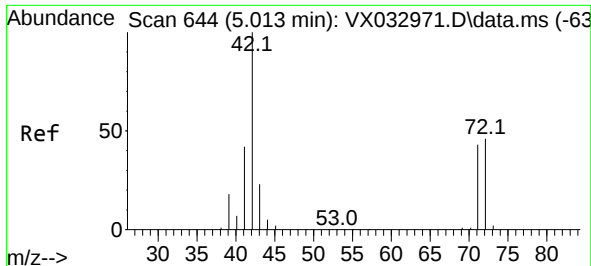
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#28
 Bromochloromethane
 Concen: 54.096 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.013 min
 Lab File: VX033034.D
 Acq: 24 Nov 2022 02:38

Tgt Ion: 49 Resp: 48583
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 84.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 286.888 ug/l

RT: 5.007 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 132920

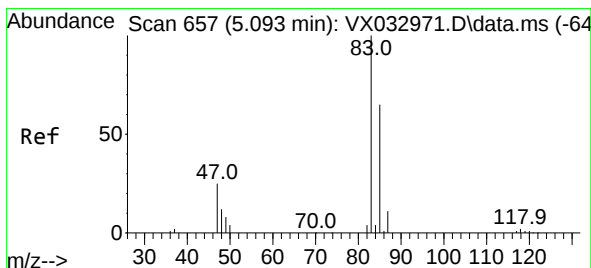
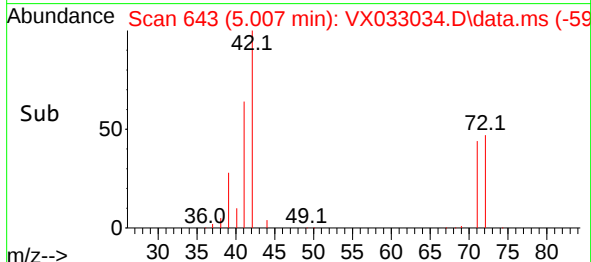
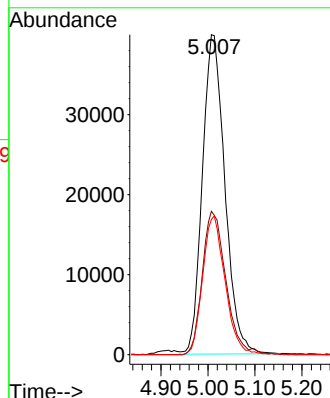
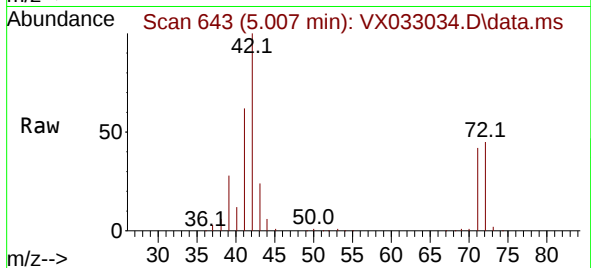
Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	43.1	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 55.605 ug/l

RT: 5.093 min Scan# 657

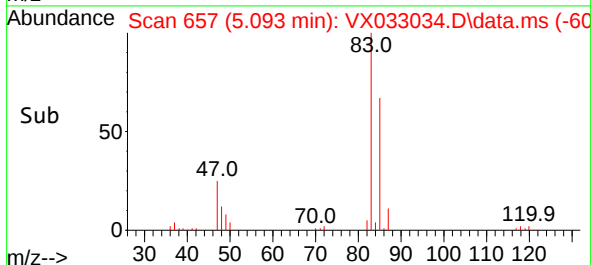
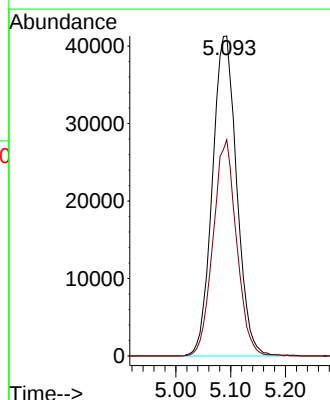
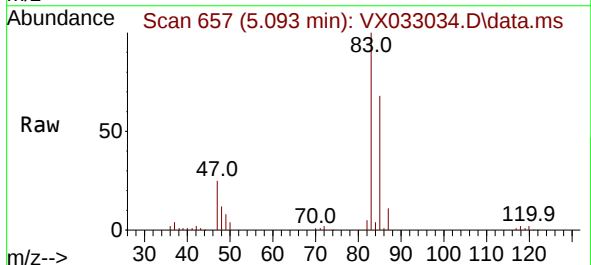
Delta R.T. -0.006 min

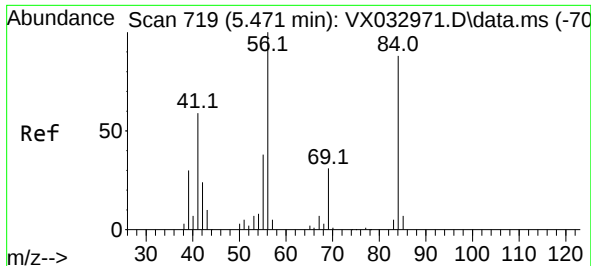
Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Tgt Ion: 83 Resp: 127289

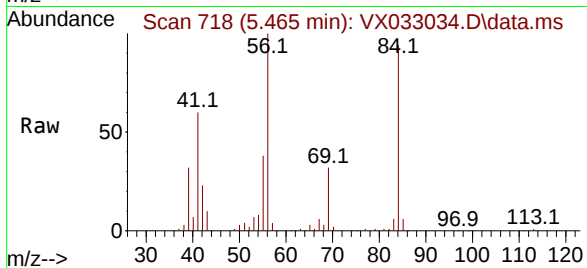
Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.1	76.7





#31
Cyclohexane
Concen: 51.488 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.005 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

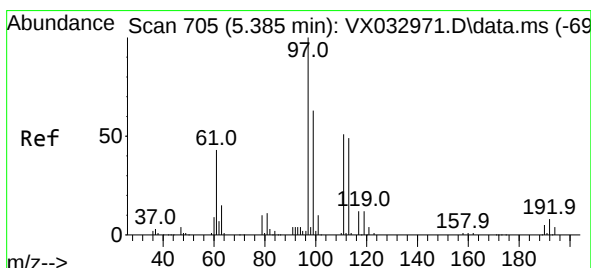
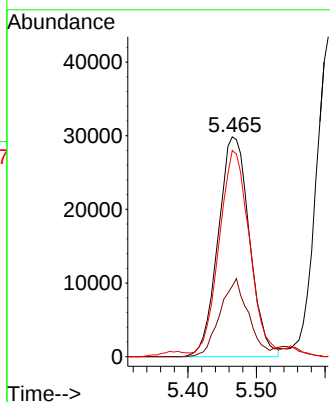
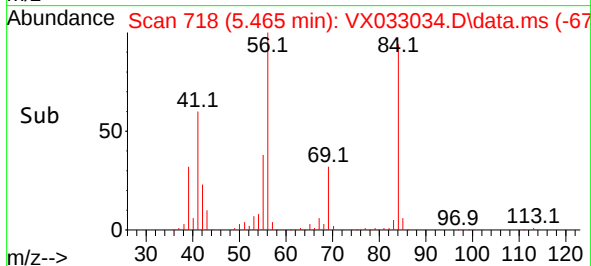
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



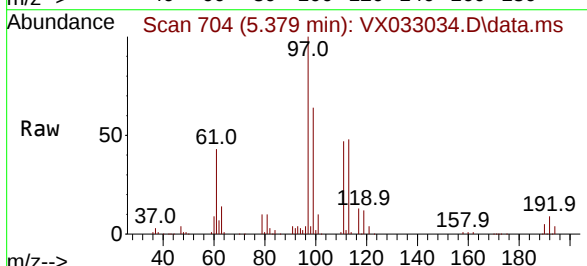
Tgt Ion: 56 Resp: 94590
Ion Ratio Lower Upper
56 100
69 32.1 24.1 36.1
84 91.4 66.9 100.3

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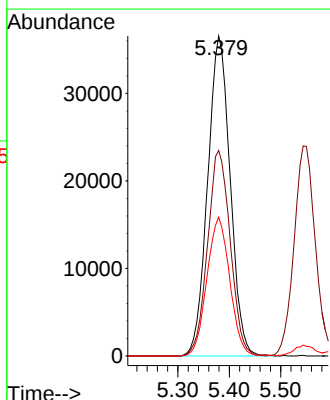
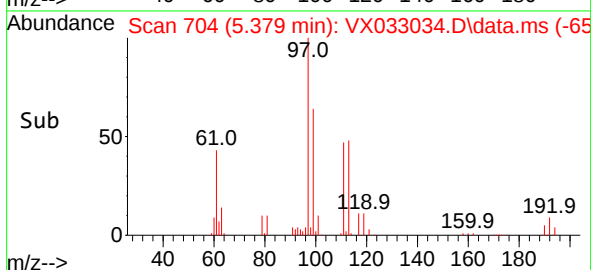
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

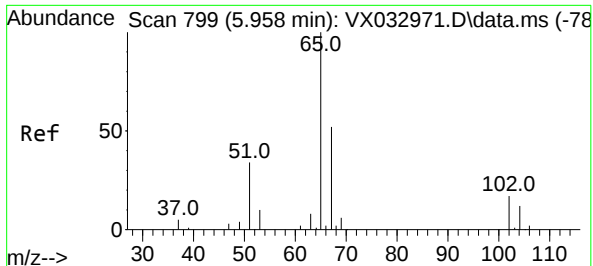


#32
1,1,1-Trichloroethane
Concen: 54.249 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 97 Resp: 111214
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.124 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 60215

Ion Ratio Lower Upper

65 100

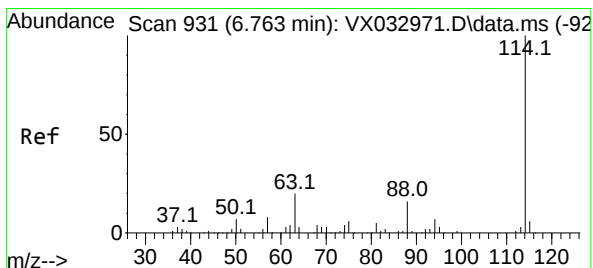
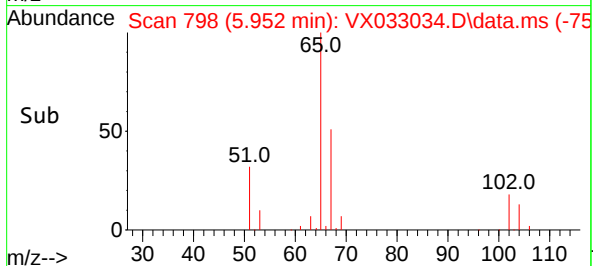
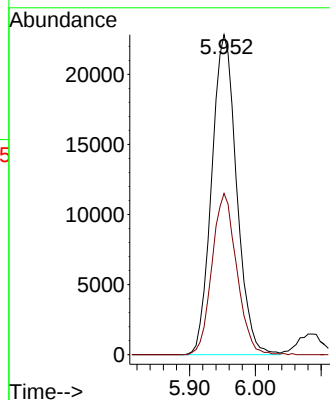
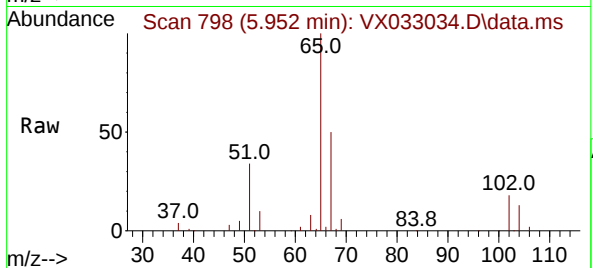
67 50.0 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

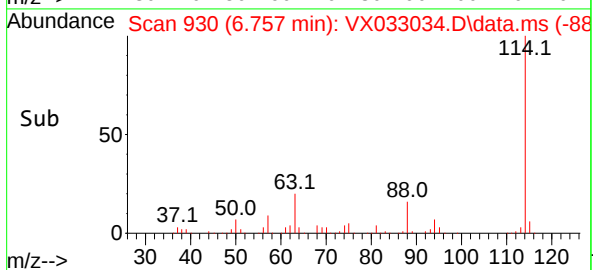
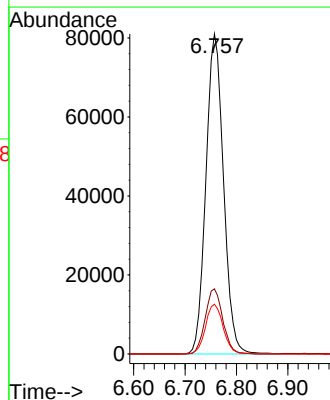
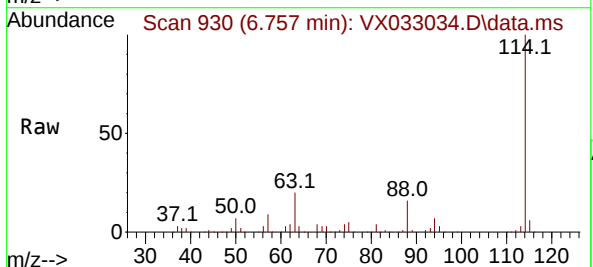
Tgt Ion:114 Resp: 192744

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

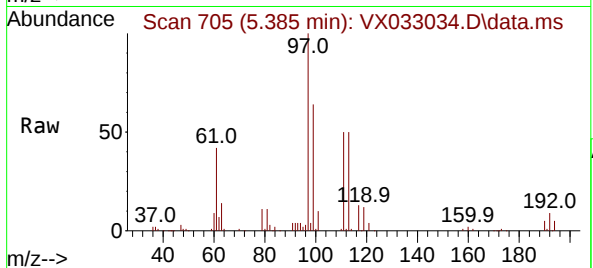
88 15.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

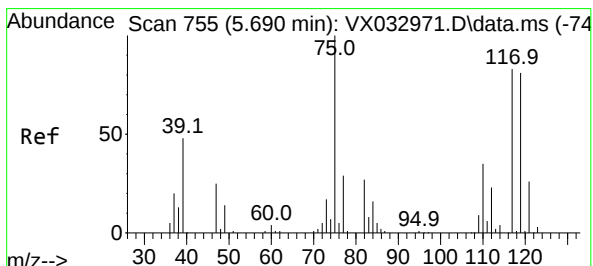
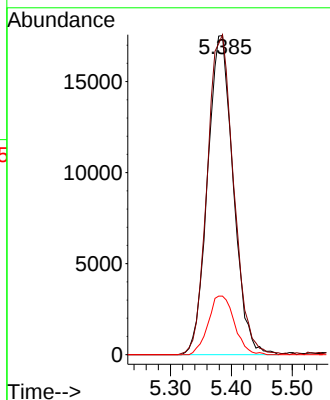
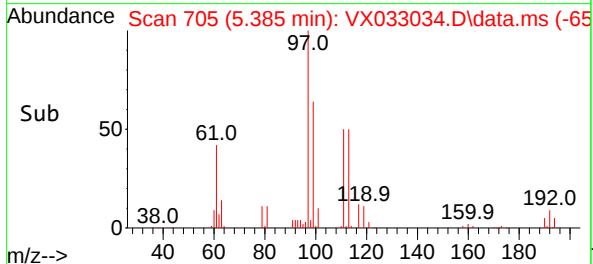
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5130
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 18.7 15.4 23.2

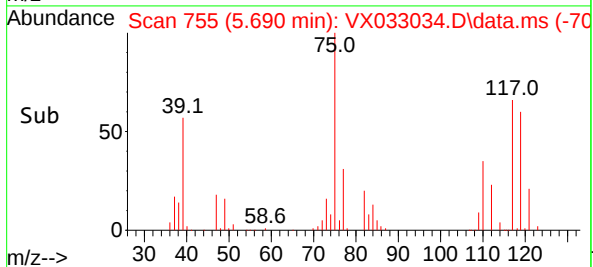
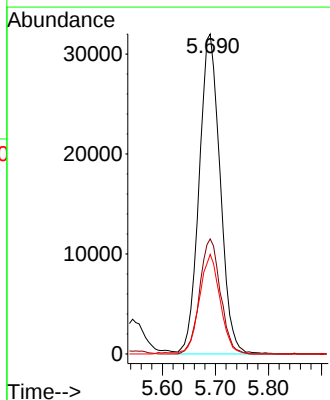
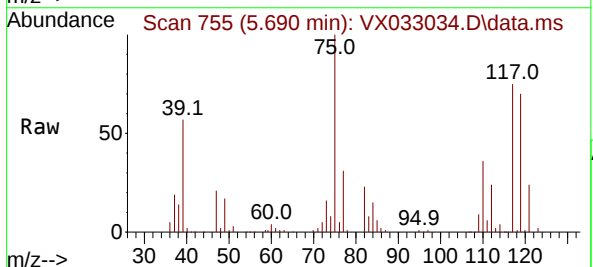
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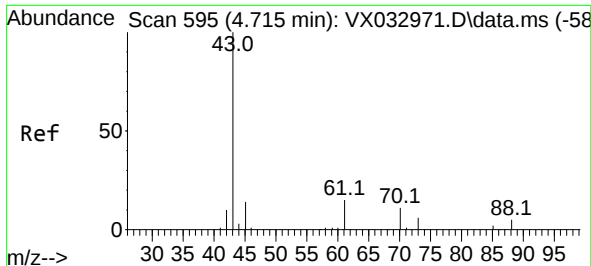
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#36
1,1-Dichloropropene
Concen: 50.515 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion: 75 Resp: 87768
Ion Ratio Lower Upper
75 100
110 35.7 18.4 55.2
77 30.7 24.5 36.7





#37

Ethyl Acetate

Concen: 55.072 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

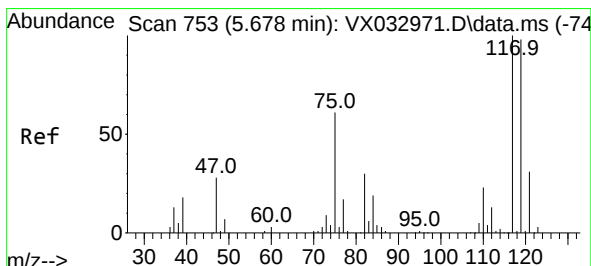
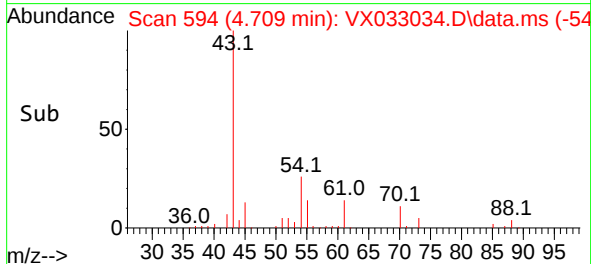
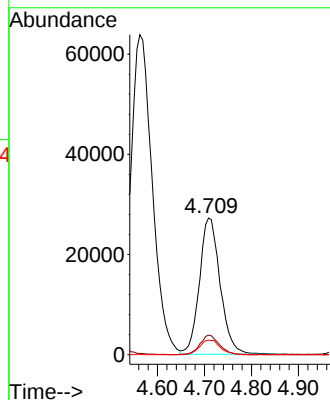
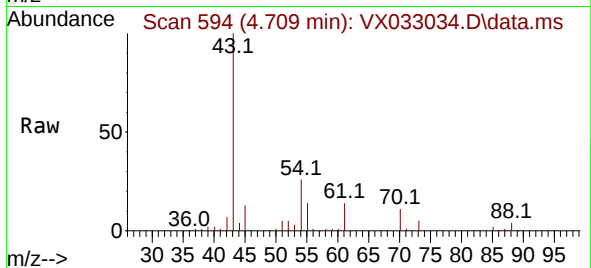
Tgt Ion:	43	Resp:	83480
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	10.6	9.1	13.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 51.102 ug/l

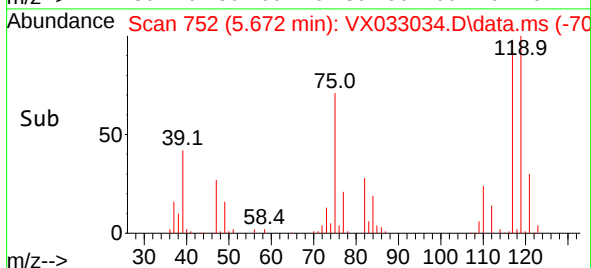
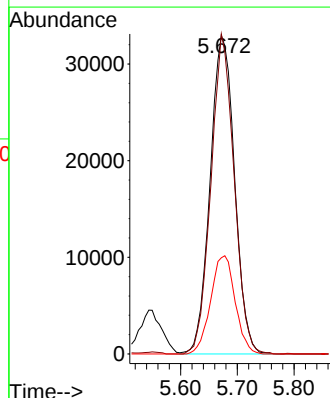
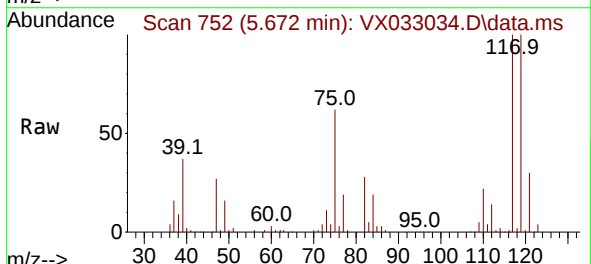
RT: 5.672 min Scan# 752

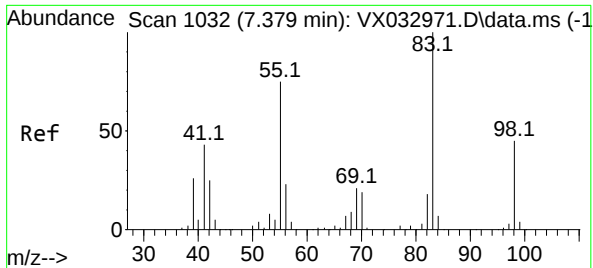
Delta R.T. -0.012 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

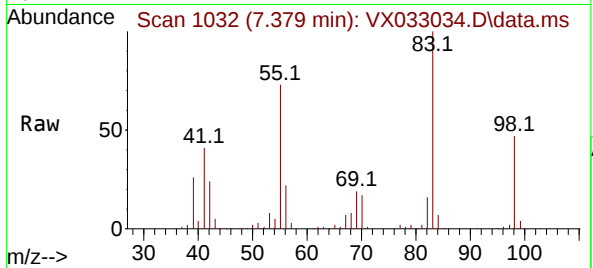
Tgt Ion:	117	Resp:	98495
Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.2	115.8
121	30.2	25.8	38.6





#39
Methylcyclohexane
Concen: 50.057 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

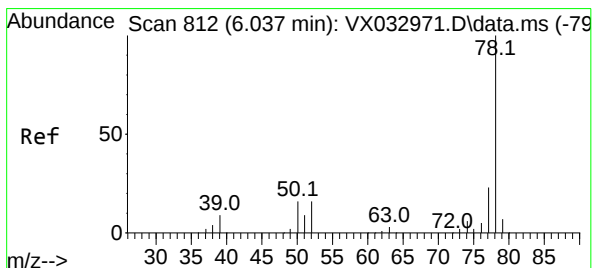
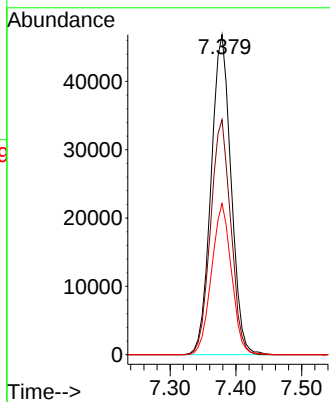
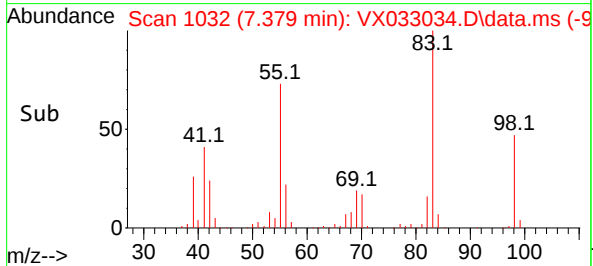
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



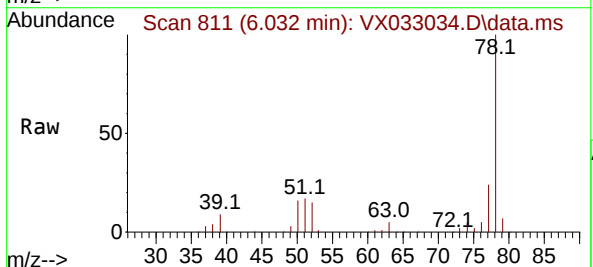
Tgt Ion: 83 Resp: 9923
Ion Ratio Lower Upper
83 100
55 73.4 58.4 87.6
98 47.2 37.2 55.8

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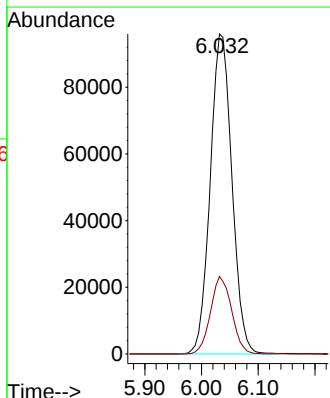
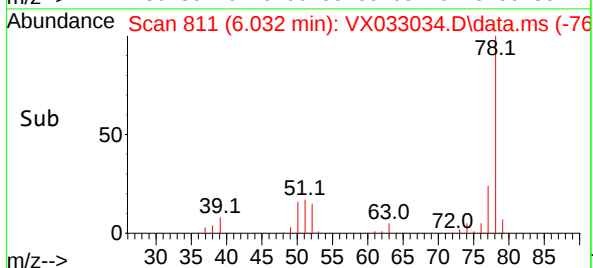
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

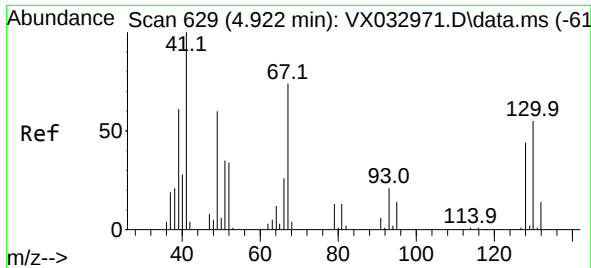


#40
Benzene
Concen: 52.374 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.005 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 78 Resp: 255138
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 55.088 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

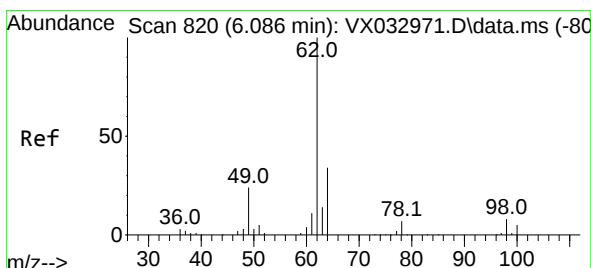
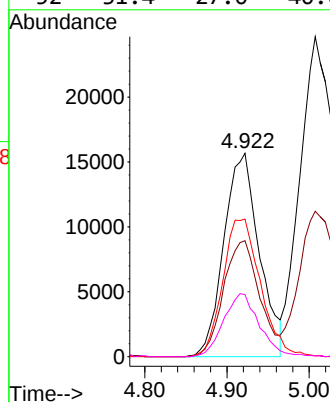
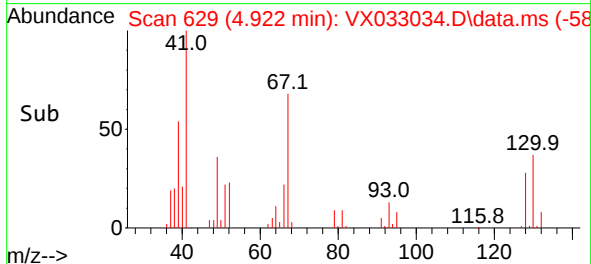
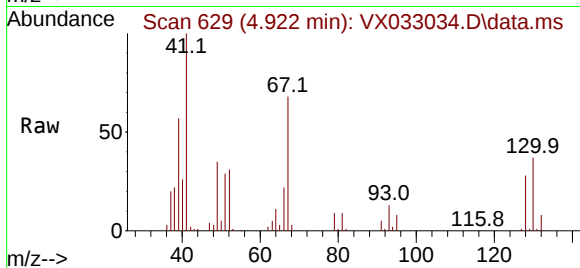
Tgt Ion: 41 Resp: 46980
Ion Ratio Lower Upper
41 100
39 58.3 47.5 71.3
67 72.0 60.5 90.7
52 31.4 27.0 40.6

Manual Integrations

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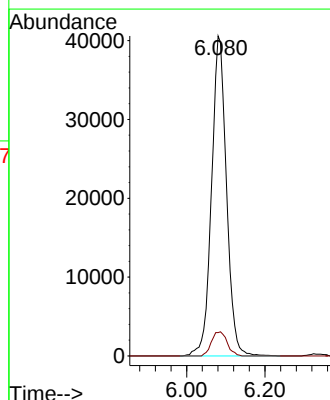
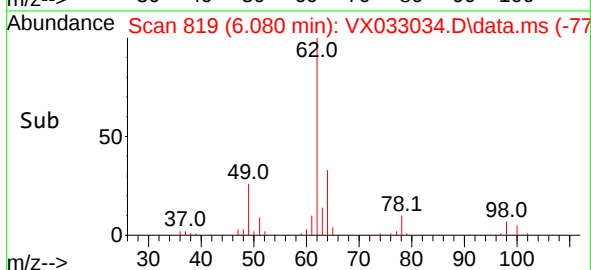
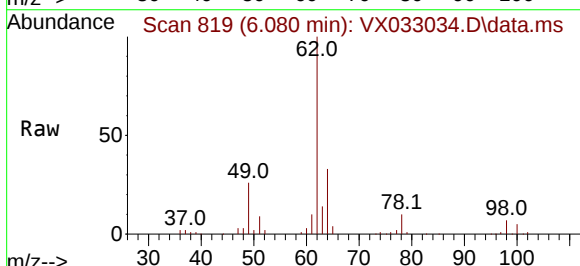
Reviewed By :John Carlone 11/25/2022

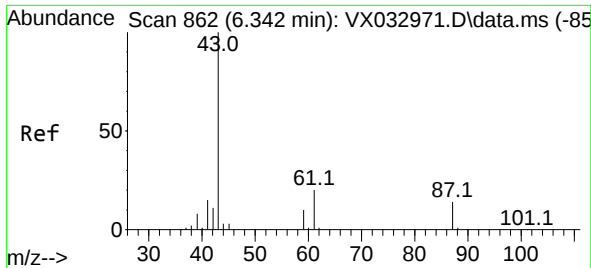
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 54.668 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

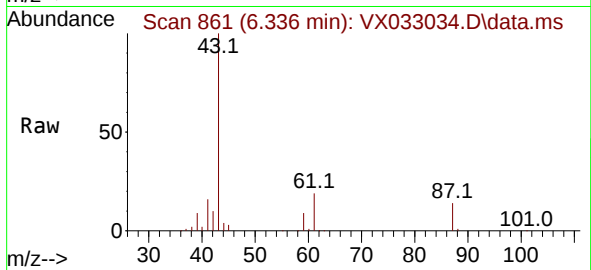
Tgt Ion: 62 Resp: 107227
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.699 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

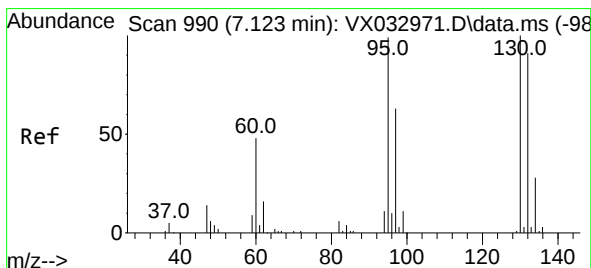
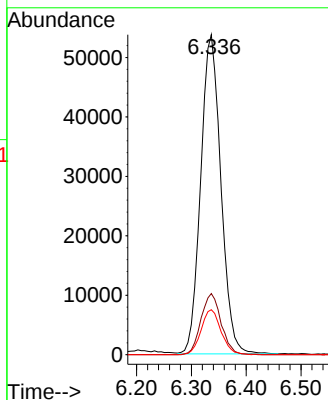
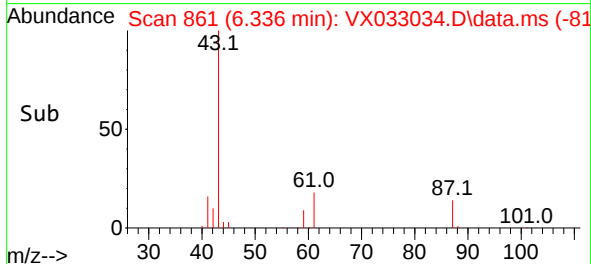
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 137125
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.0 10.8 16.2

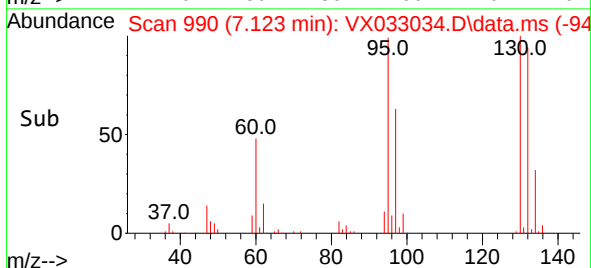
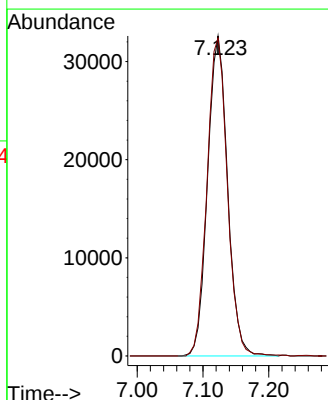
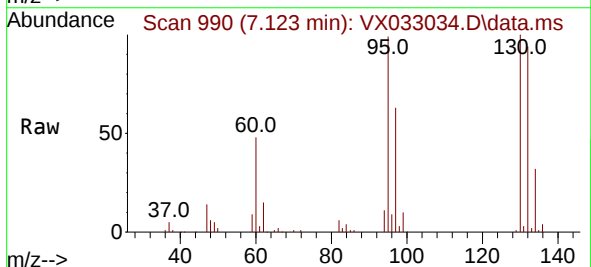
Manual Integrations
APPROVED

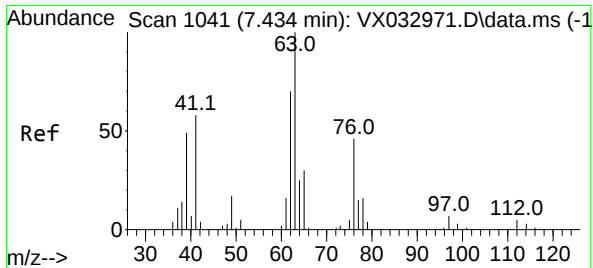
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#44
Trichloroethene
Concen: 50.557 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion:130 Resp: 69110
Ion Ratio Lower Upper
130 100
95 99.3 0.0 195.2





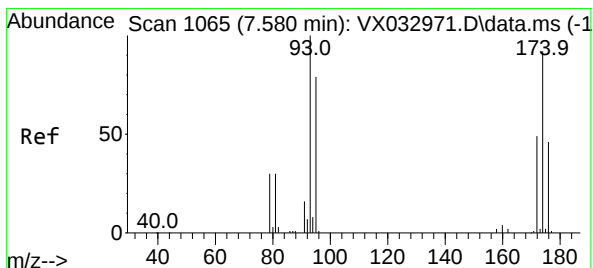
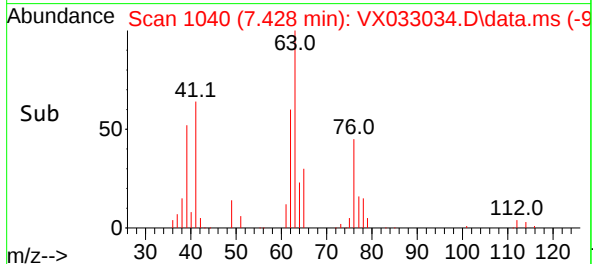
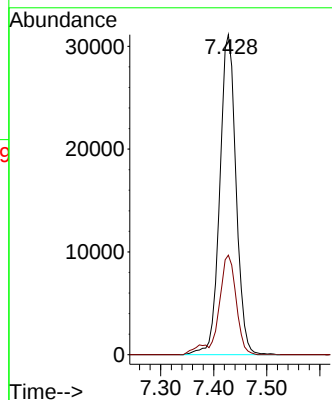
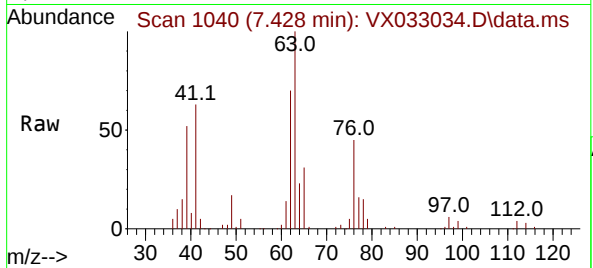
#45
1,2-Dichloropropane
Concen: 55.111 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6634
Ion Ratio Lower Upper
63 100
65 31.1 24.6 36.8

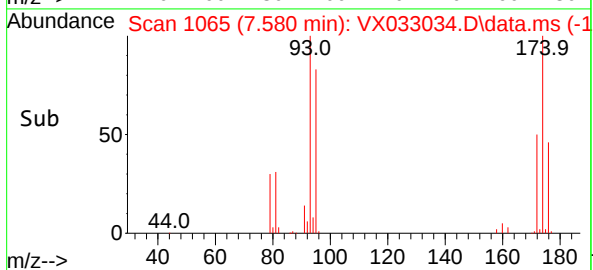
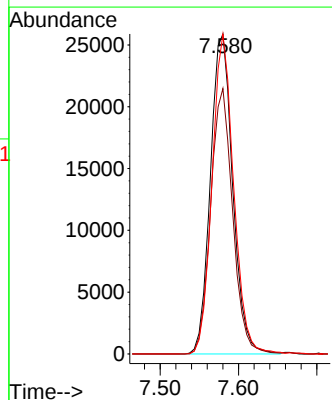
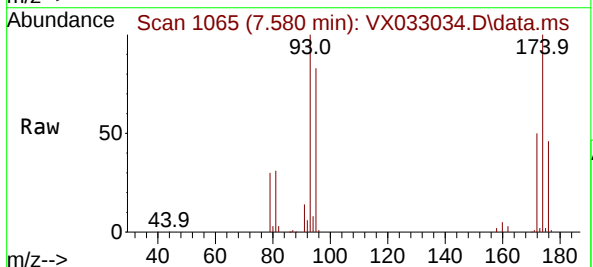
Manual Integrations
APPROVED

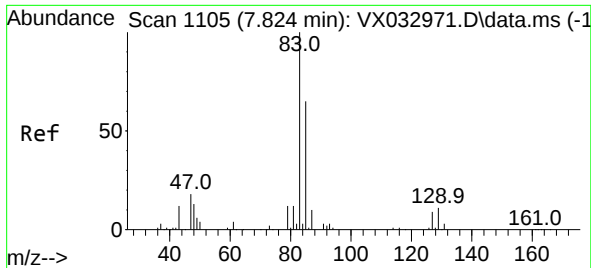
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#46
Dibromomethane
Concen: 54.511 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

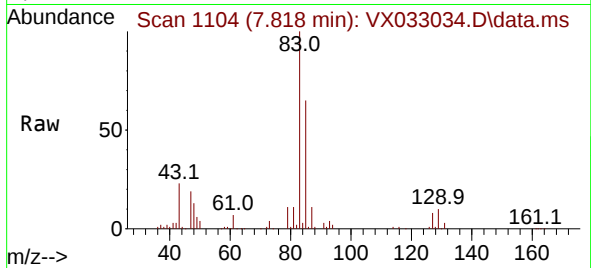
Tgt Ion: 93 Resp: 51206
Ion Ratio Lower Upper
93 100
95 81.7 65.8 98.8
174 96.8 79.8 119.6





#47
Bromodichloromethane
Concen: 56.167 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

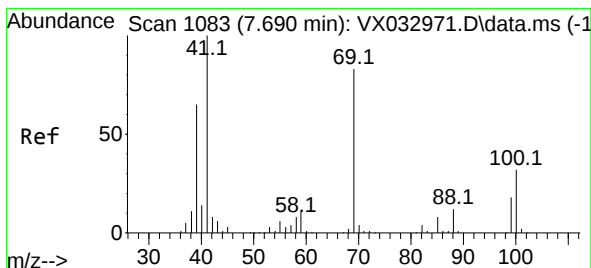
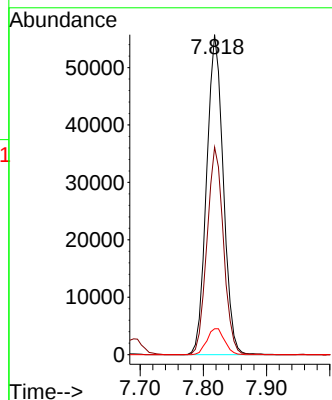
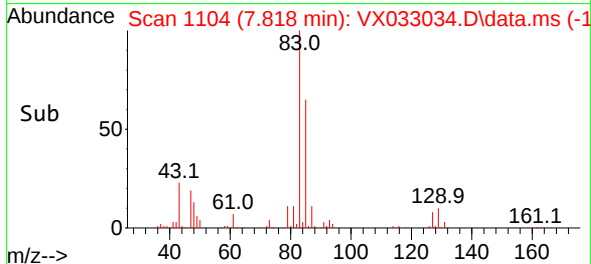
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 101950
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4
127 8.1 7.4 11.2

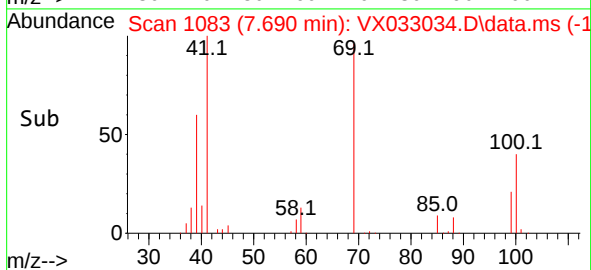
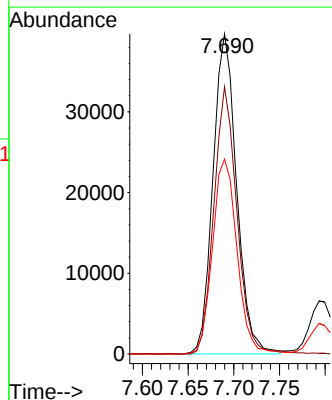
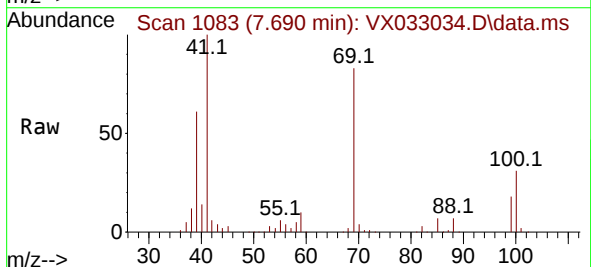
Manual Integrations
APPROVED

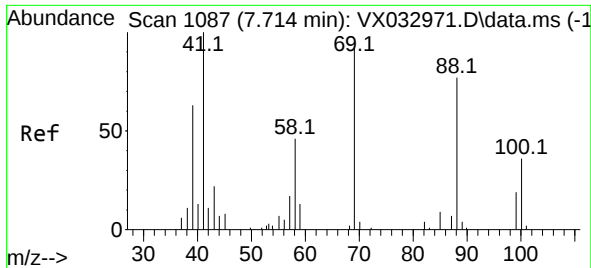
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 55.302 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion: 41 Resp: 71362
Ion Ratio Lower Upper
41 100
69 81.6 65.1 97.7
39 63.1 51.9 77.9





#49

1,4-Dioxane

Concen: 1283.438 ug/l

RT: 7.726 min Scan# 1087

Delta R.T. 0.055 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 30480

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8

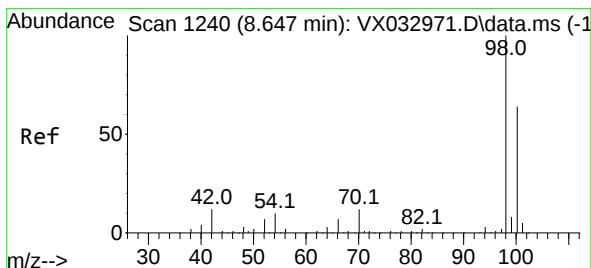
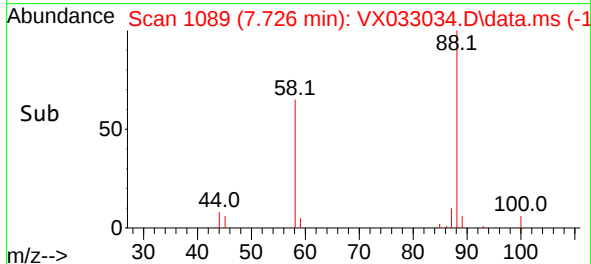
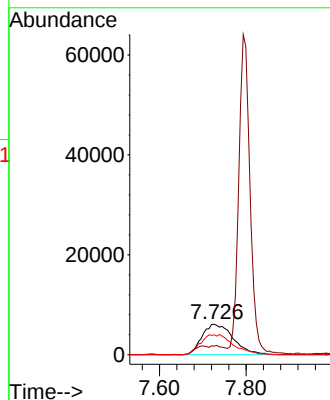
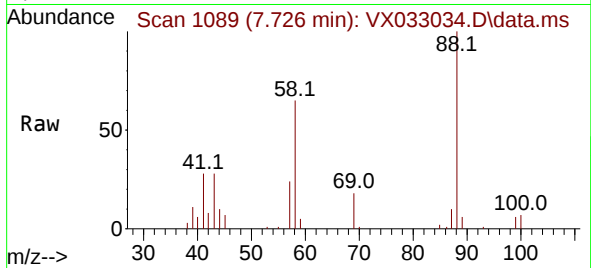
58 68.2 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 47.248 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033034.D

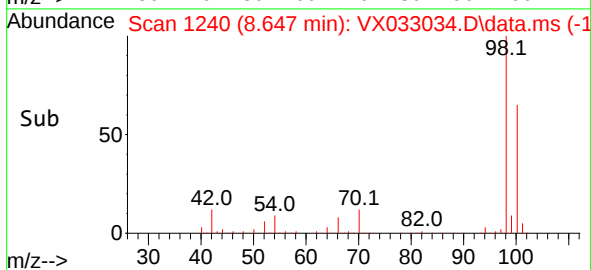
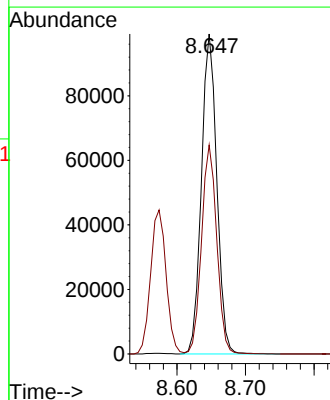
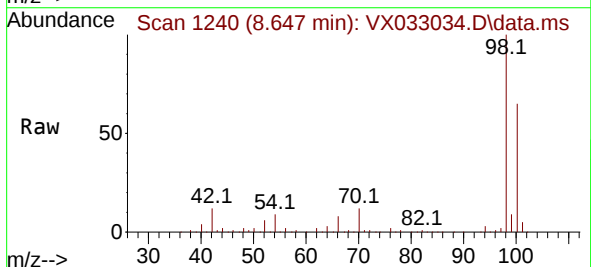
Acq: 24 Nov 2022 02:38

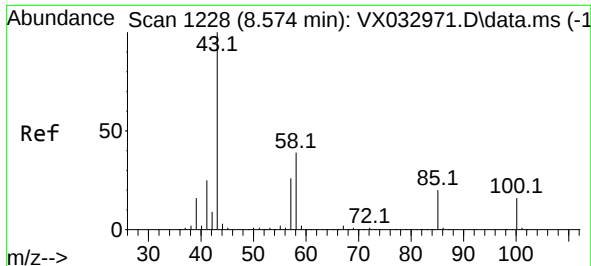
Tgt Ion: 98 Resp: 154864

Ion Ratio Lower Upper

98 100

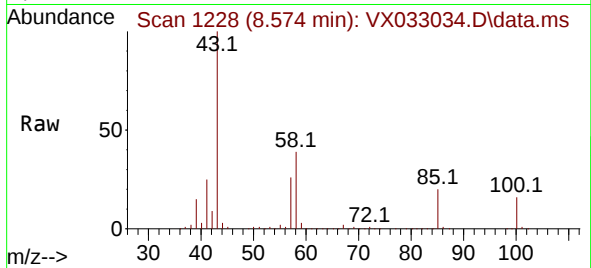
100 64.8 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 281.874 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

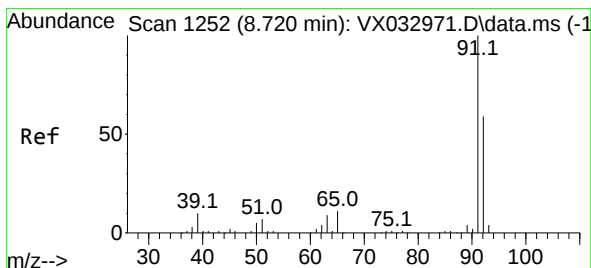
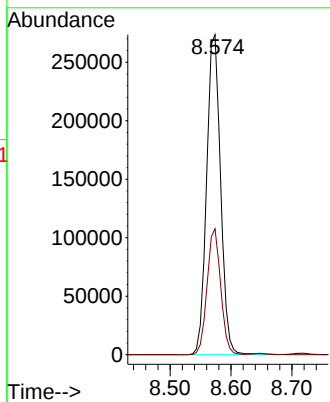
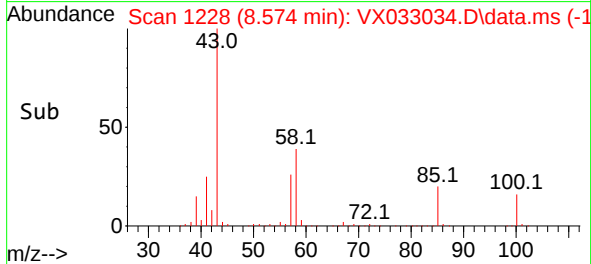
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



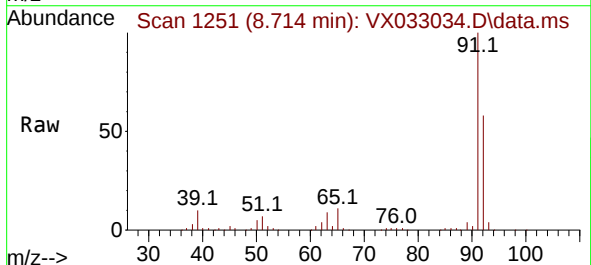
Tgt Ion: 43 Resp: 436030
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3

Manual Integrations
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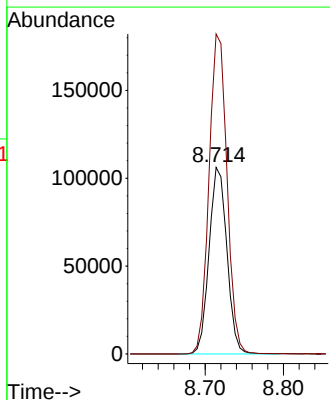
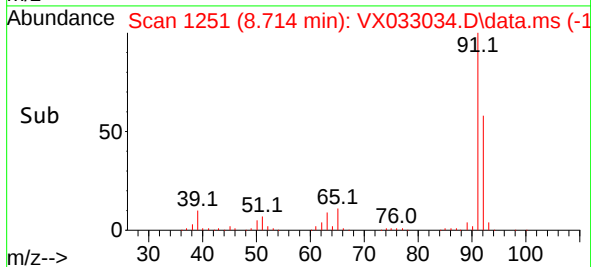
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

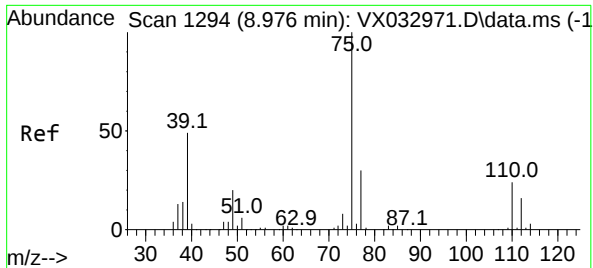


#52
Toluene
Concen: 52.367 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 92 Resp: 167833
Ion Ratio Lower Upper
92 100
91 173.0 138.3 207.5





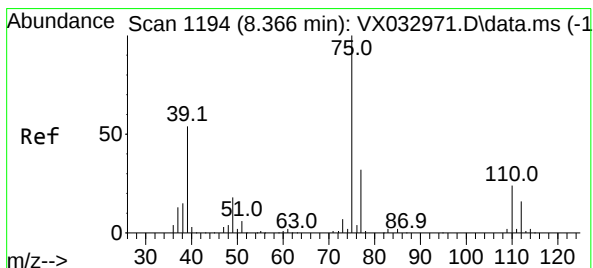
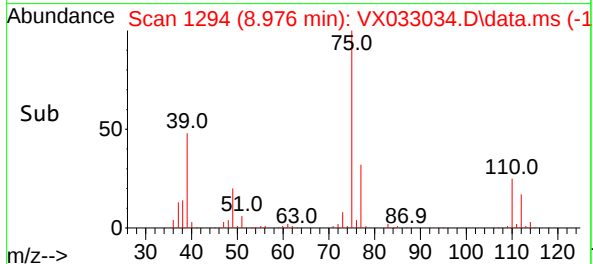
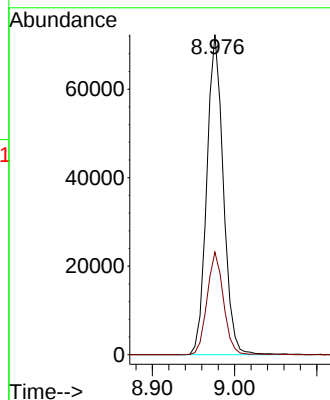
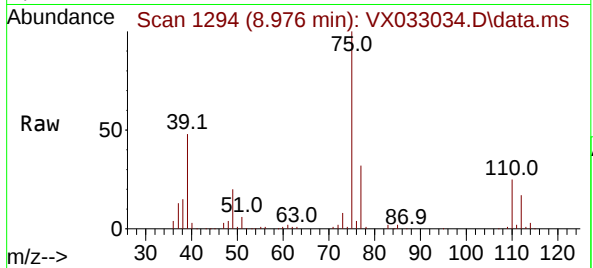
#53
t-1,3-Dichloropropene
Concen: 51.790 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 10111
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7

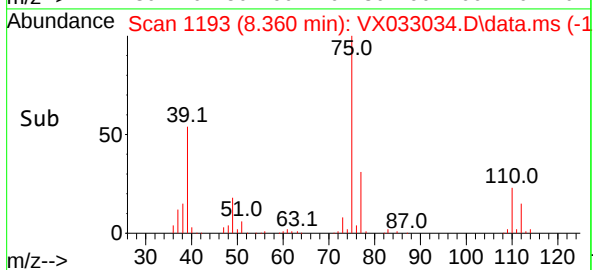
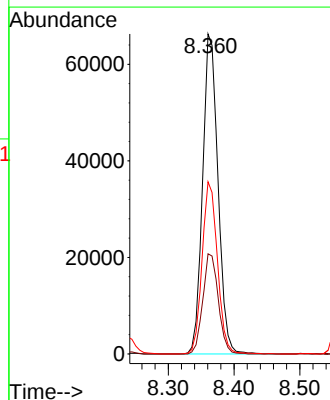
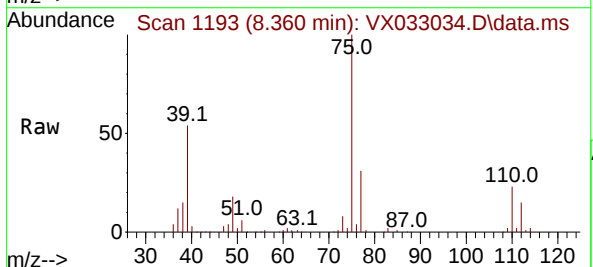
Manual Integrations
APPROVED

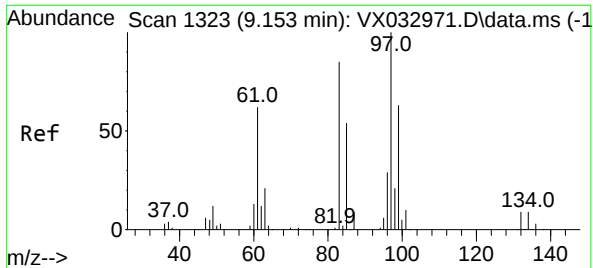
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#54
cis-1,3-Dichloropropene
Concen: 55.071 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

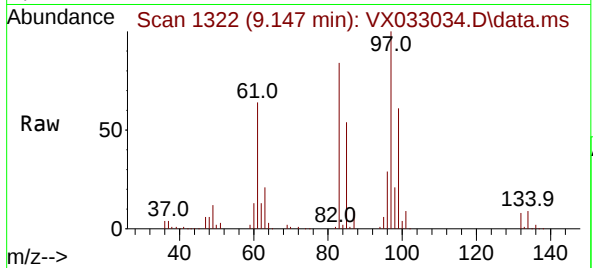
Tgt Ion: 75 Resp: 107764
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 53.8 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 54.231 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

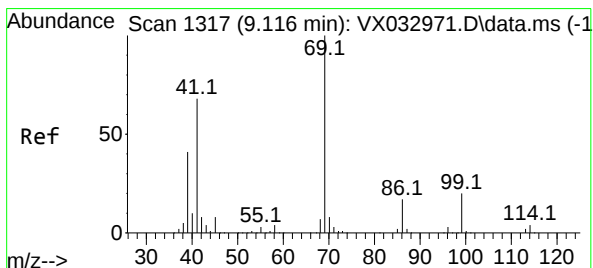
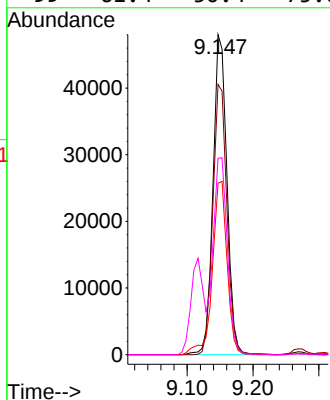
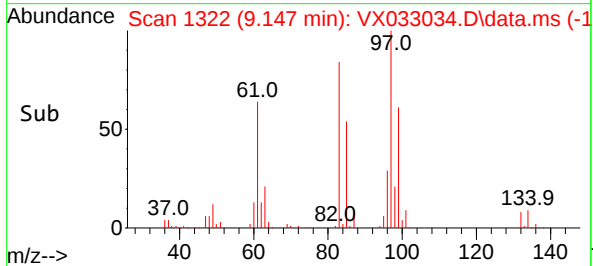


Tgt Ion: 97 Resp: 7076

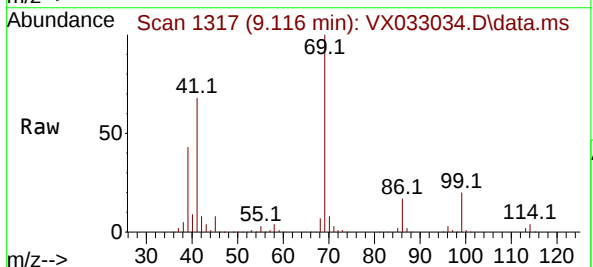
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	53.6	43.3	64.9
99	61.4	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

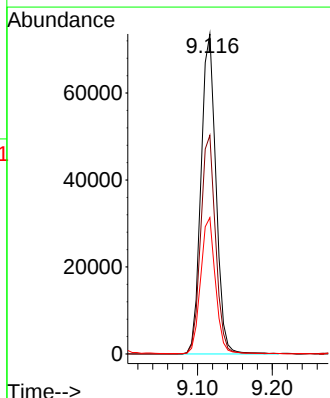
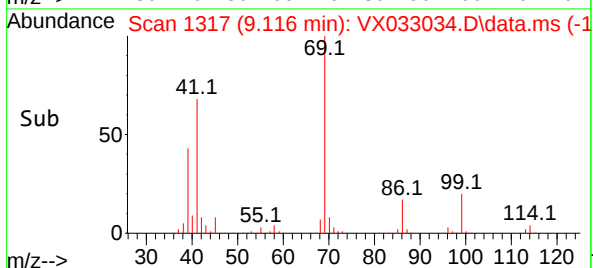


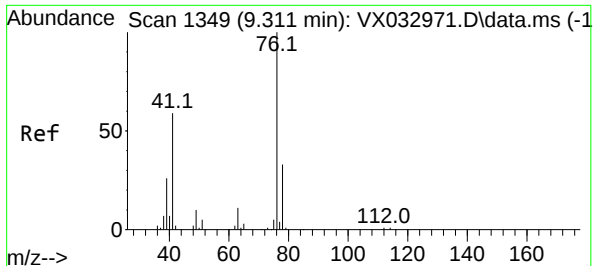
#56
Ethyl methacrylate
Concen: 56.898 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 69 Resp: 102293

Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.3	81.5
39	42.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.540 ug/l

RT: 9.305 min Scan# 11488

Delta R.T. -0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11488

Ion Ratio Lower Upper

76 100

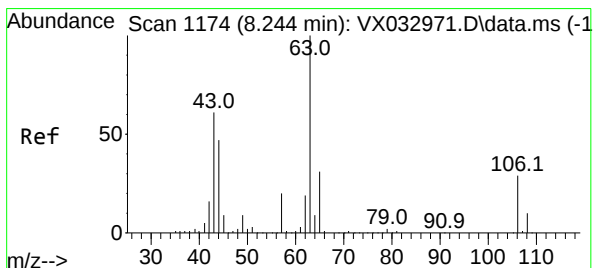
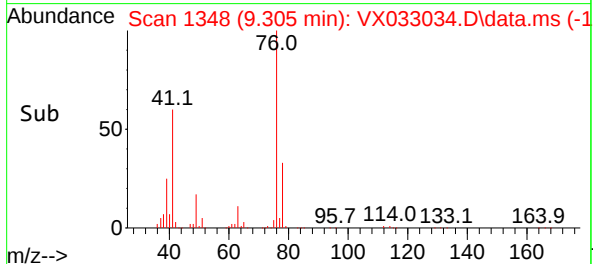
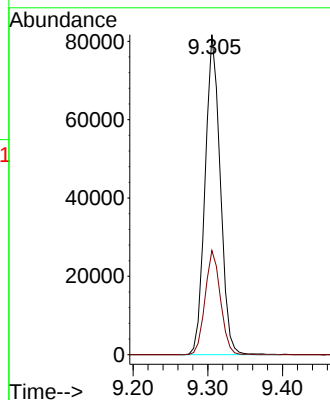
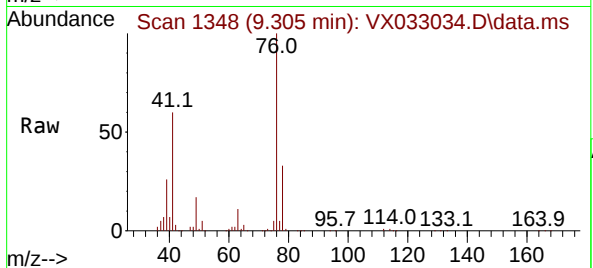
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 269.381 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033034.D

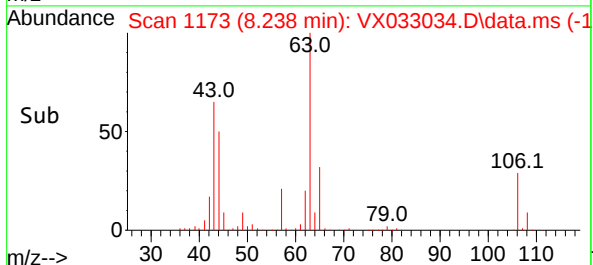
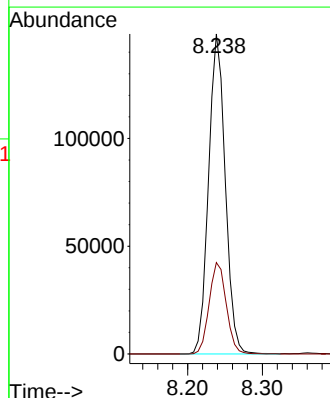
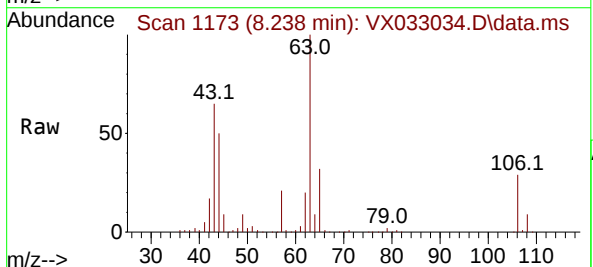
Acq: 24 Nov 2022 02:38

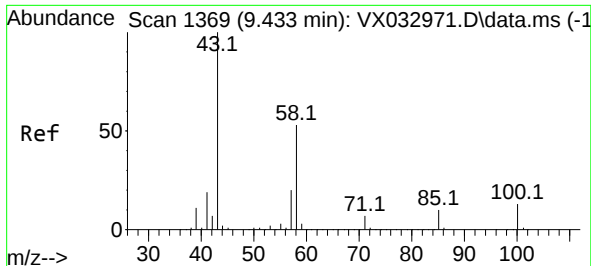
Tgt Ion: 63 Resp: 229974

Ion Ratio Lower Upper

63 100

106 29.2 23.3 34.9





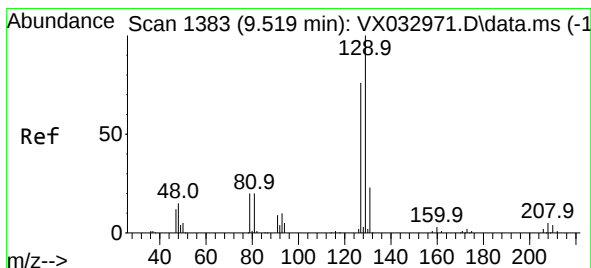
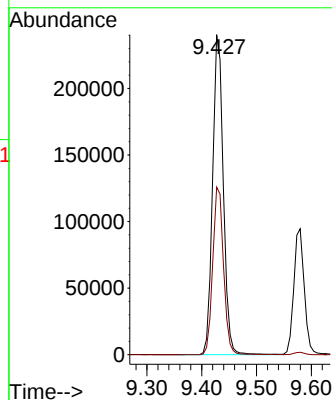
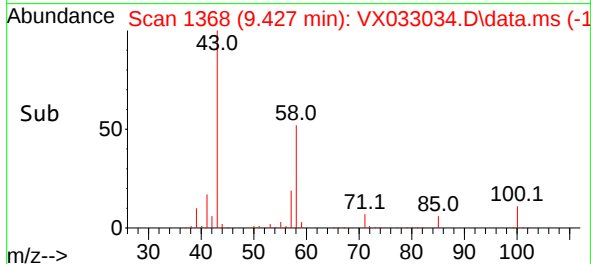
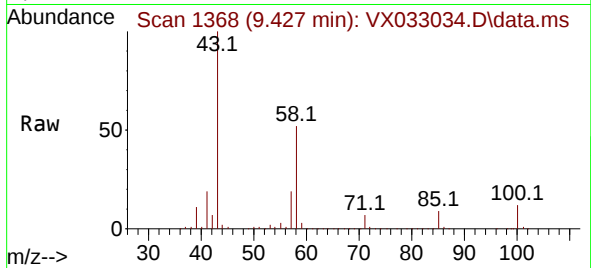
#59
2-Hexanone
Concen: 284.384 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 324975
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

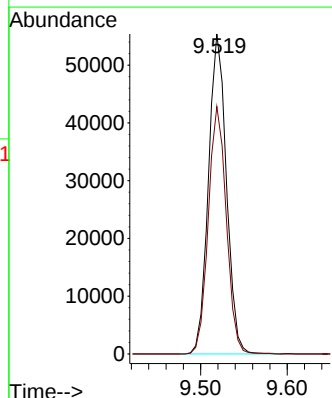
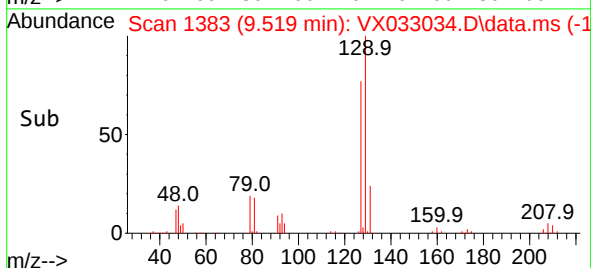
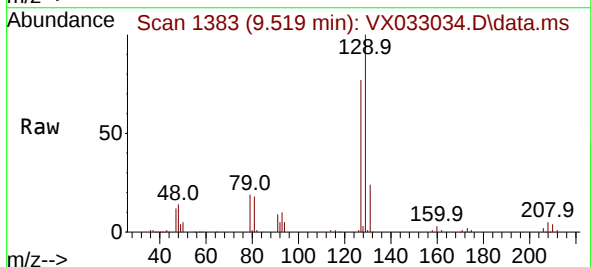
Manual Integrations
APPROVED

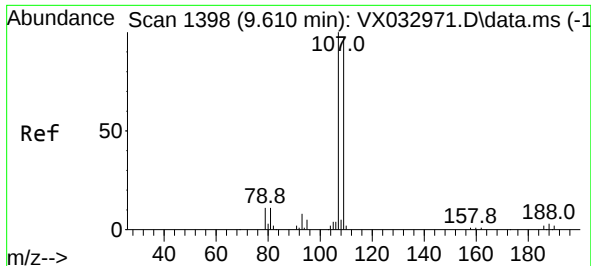
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 56.759 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion:129 Resp: 79737
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





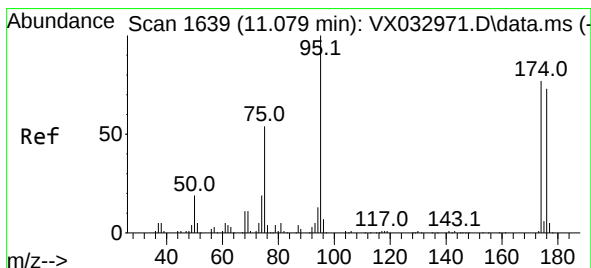
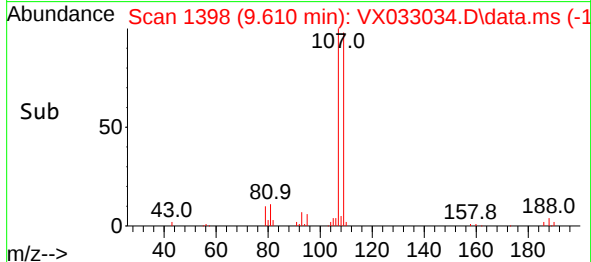
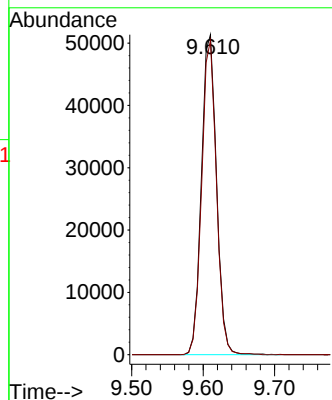
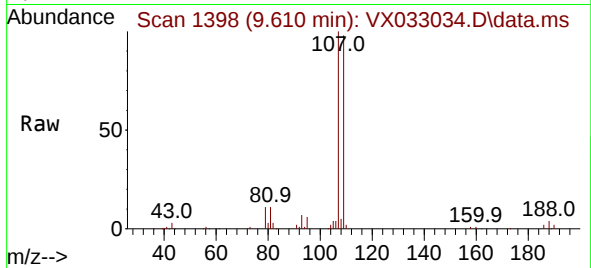
#61
1,2-Dibromoethane
Concen: 54.676 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 7530
Ion Ratio Lower Upper
107 100
109 96.0 76.0 114.0

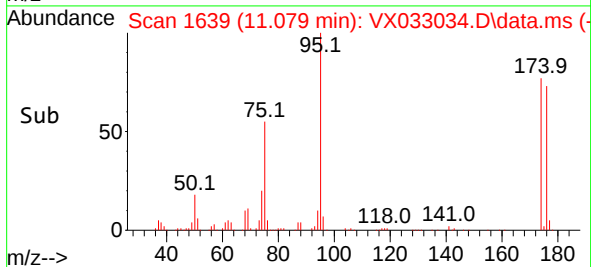
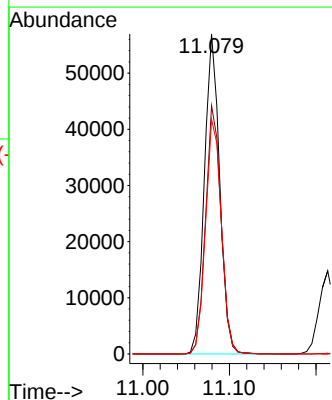
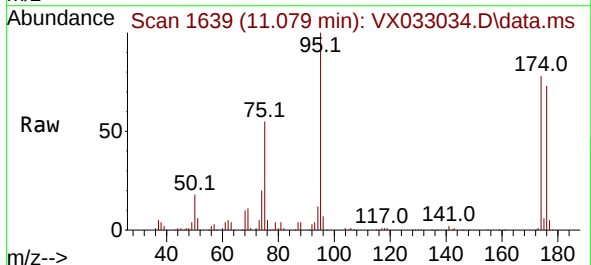
Manual Integrations
APPROVED

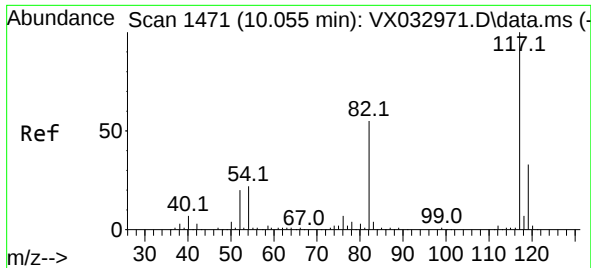
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 48.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

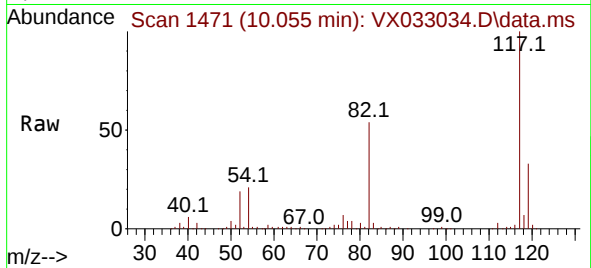
Tgt Ion: 95 Resp: 69670
Ion Ratio Lower Upper
95 100
174 78.9 0.0 164.0
176 76.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

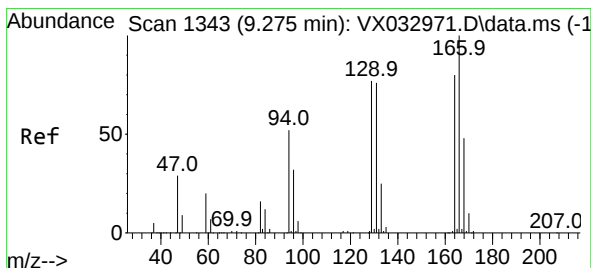
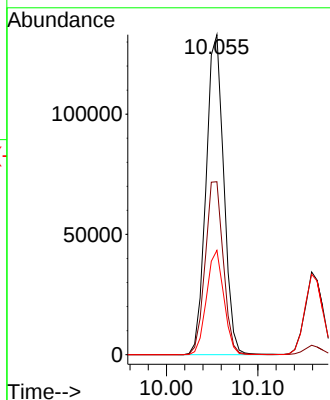
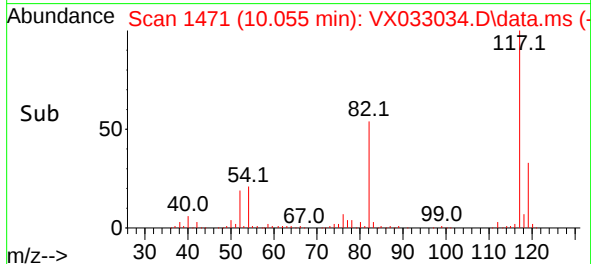
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 178520
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.6 25.7 38.5

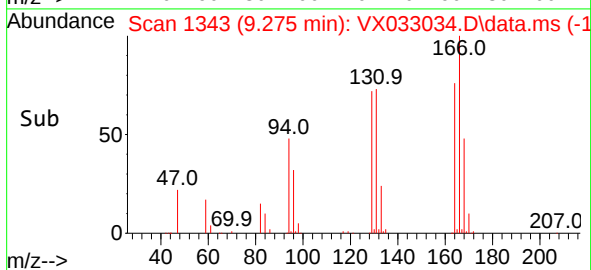
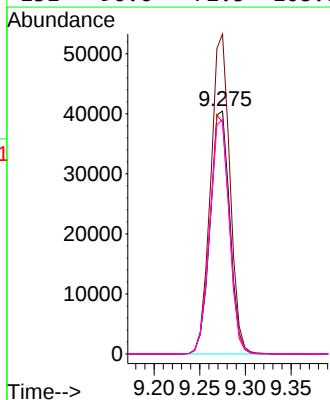
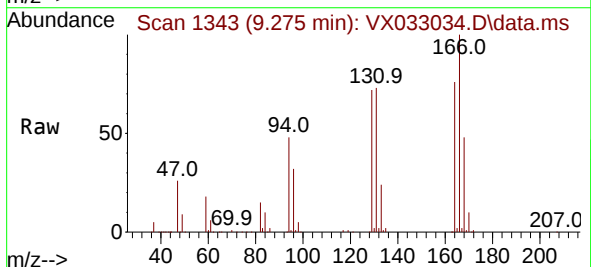
Manual Integrations
APPROVED

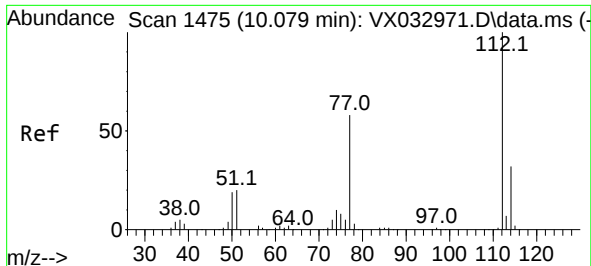
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 47.448 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion:164 Resp: 59959
Ion Ratio Lower Upper
164 100
166 131.8 105.4 158.2
129 95.3 78.2 117.2
131 96.6 72.5 108.7





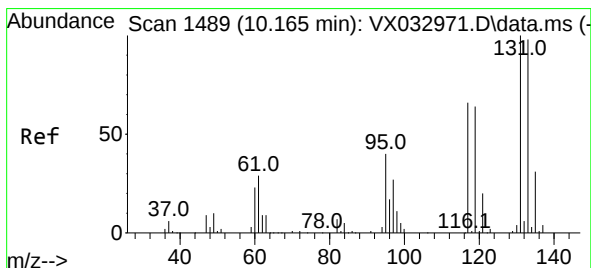
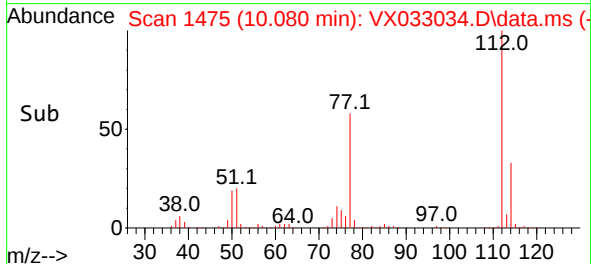
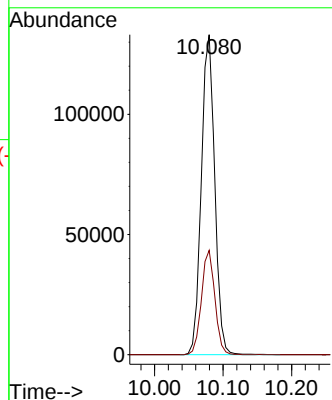
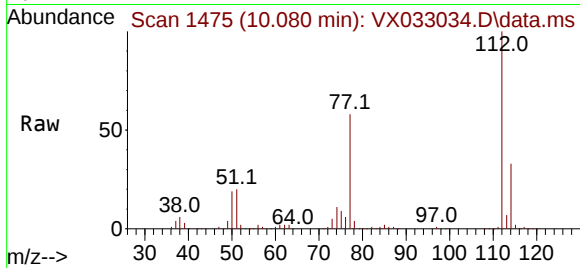
#65
Chlorobenzene
Concen: 50.905 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 181180
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

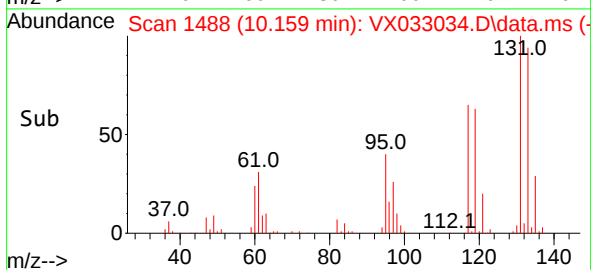
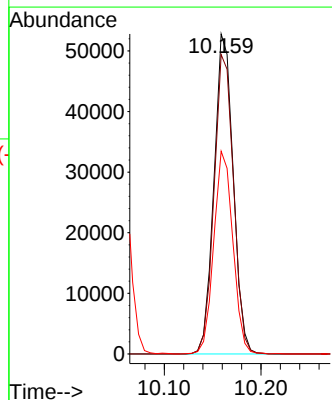
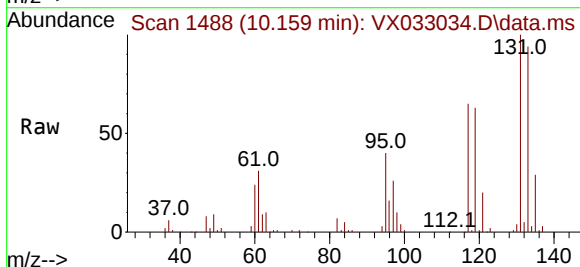
Manual Integrations
APPROVED

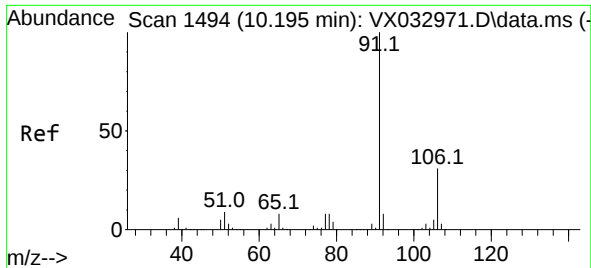
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.772 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

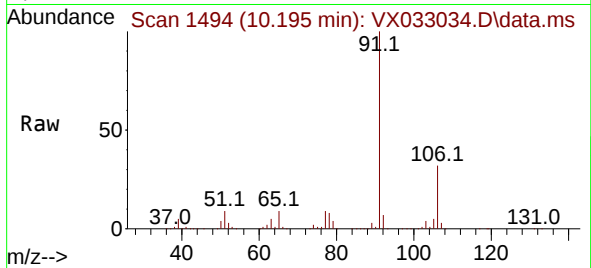
Tgt Ion:131 Resp: 72736
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 63.1 32.4 97.0





#67
Ethyl Benzene
Concen: 52.644 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

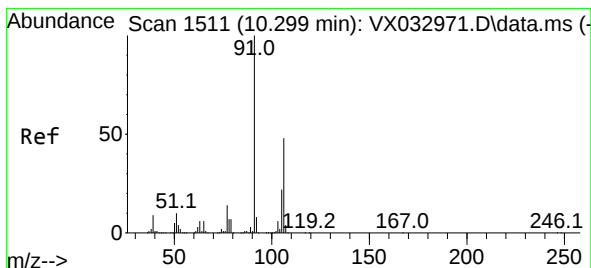
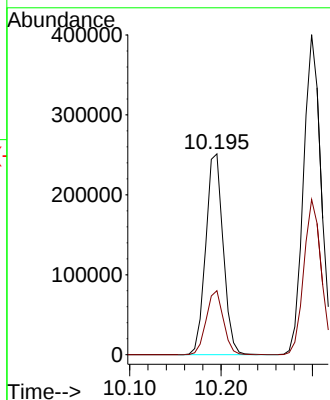
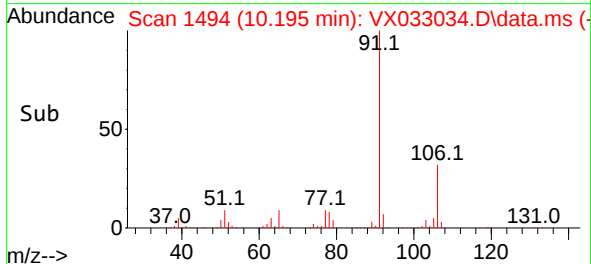
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



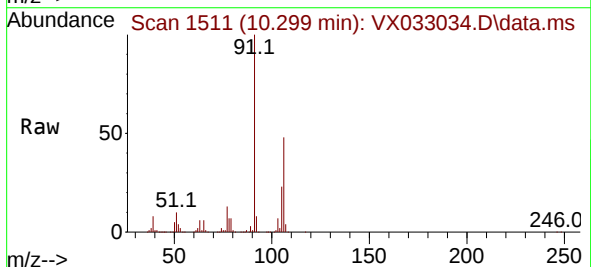
Tgt Ion: 91 Resp: 332380
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

Manual Integrations
APPROVED

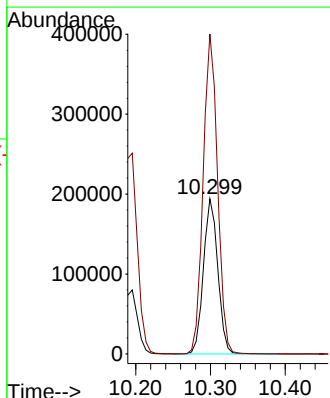
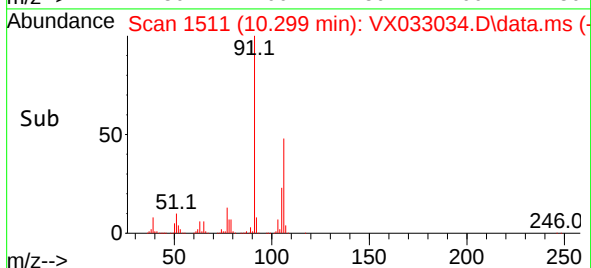
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

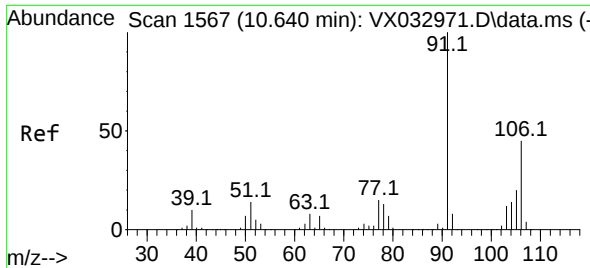


#68
m/p-Xylenes
Concen: 104.779 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion:106 Resp: 259057
Ion Ratio Lower Upper
106 100
91 206.2 164.5 246.7





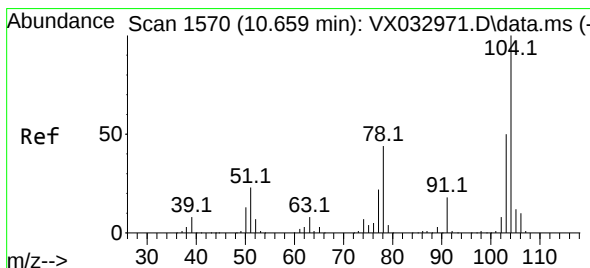
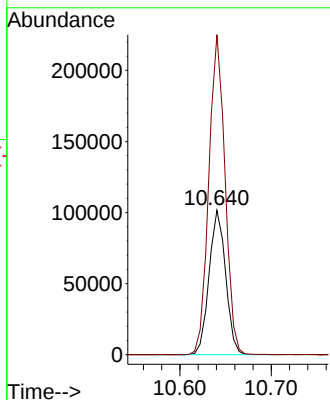
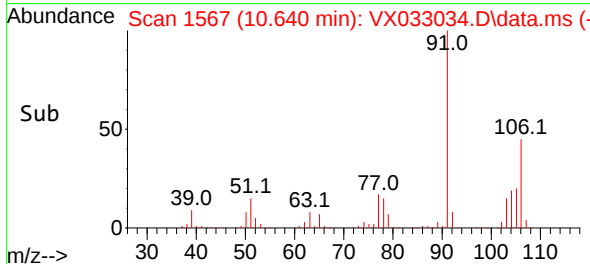
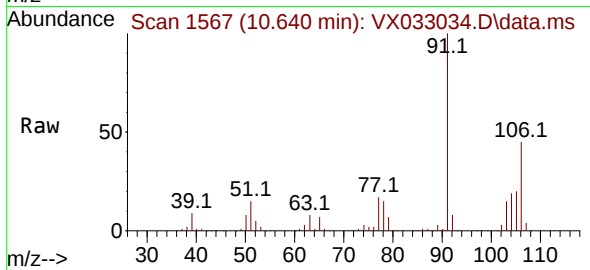
#69
o-Xylene
Concen: 53.283 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12746
Ion Ratio Lower Upper
106 100
91 217.4 109.2 327.6

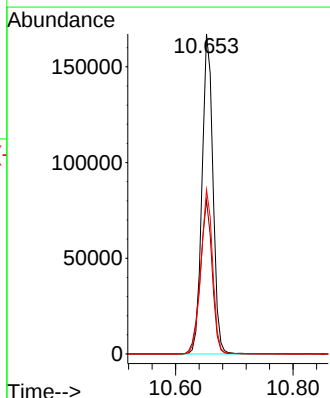
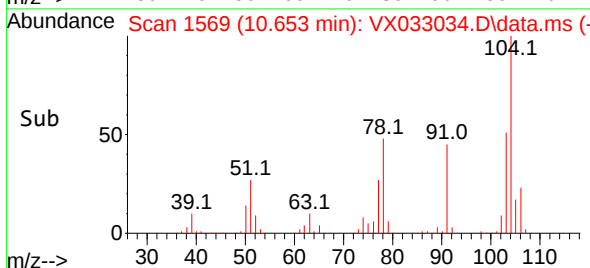
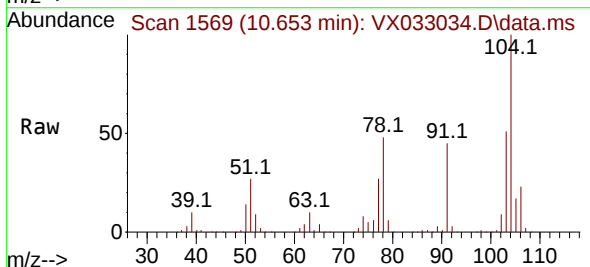
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 55.134 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion:104 Resp: 215778
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 55.2 44.5 66.7





#71

Bromoform

Concen: 56.331 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

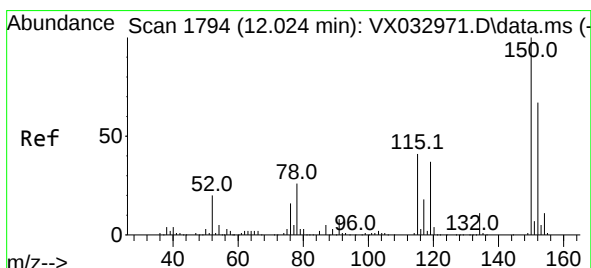
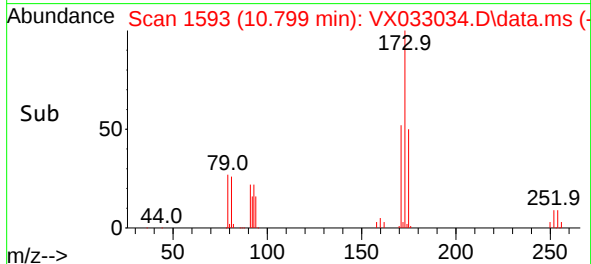
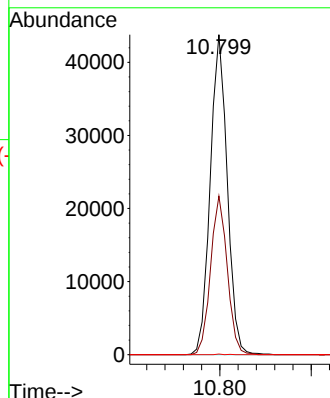
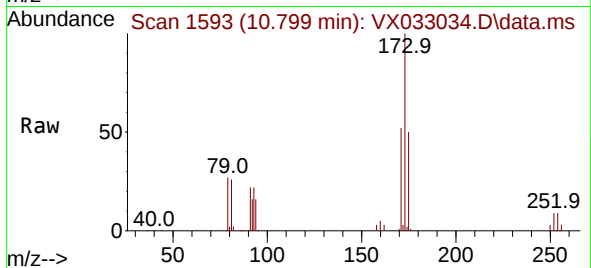
Tgt Ion:173 Resp: 56327
 Ion Ratio Lower Upper
 173 100
 175 48.6 23.9 71.8
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

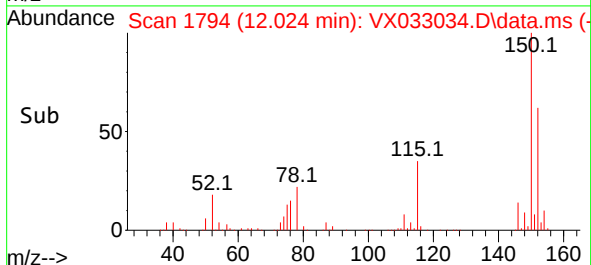
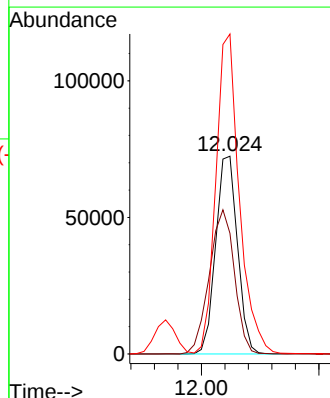
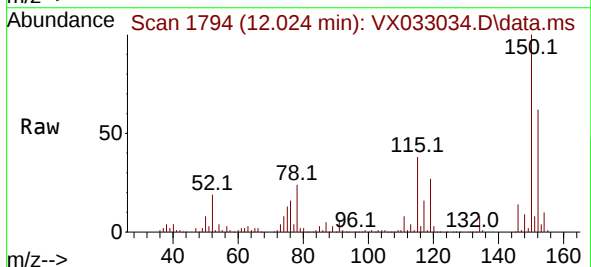
RT: 12.024 min Scan# 1794

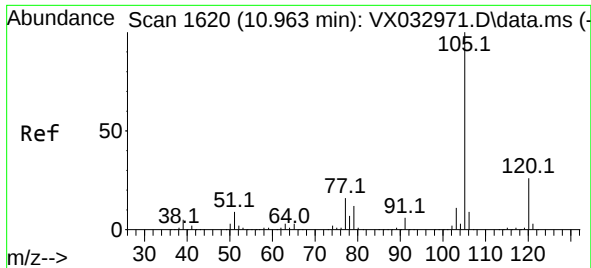
Delta R.T. 0.000 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Tgt Ion:152 Resp: 93335
 Ion Ratio Lower Upper
 152 100
 115 84.3 44.0 132.0
 150 174.4 0.0 351.8





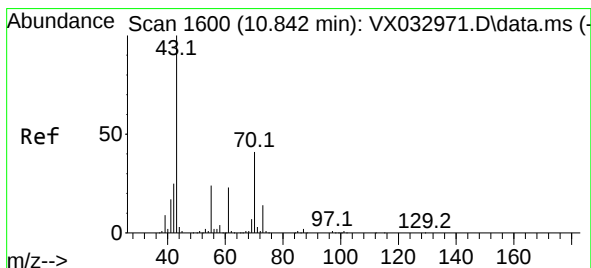
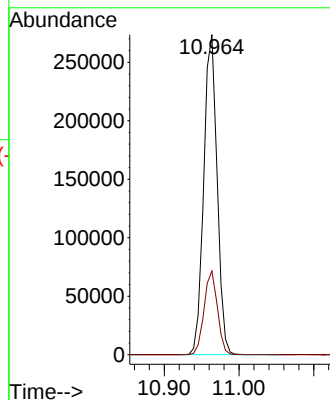
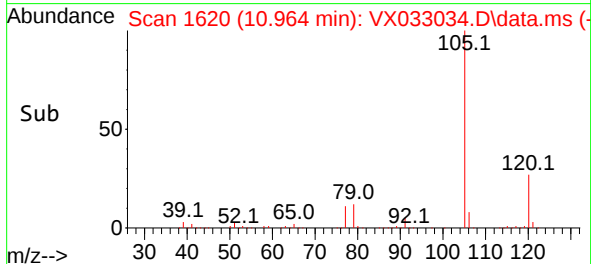
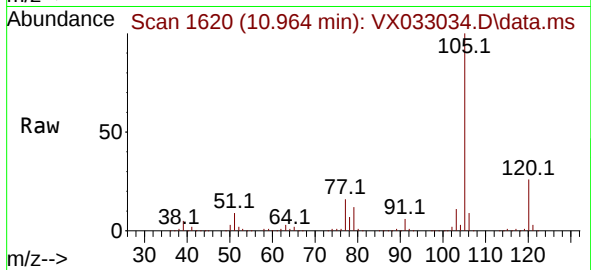
#73
Isopropylbenzene
Concen: 50.978 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 340004
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

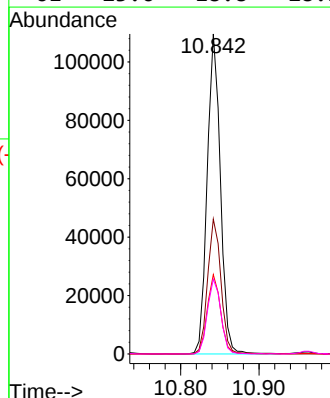
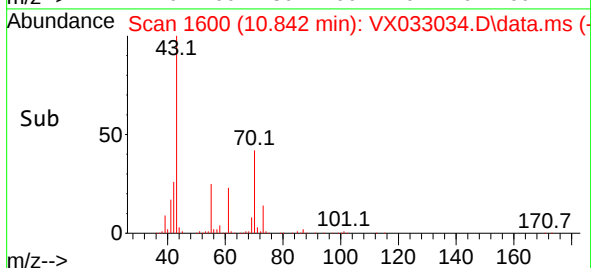
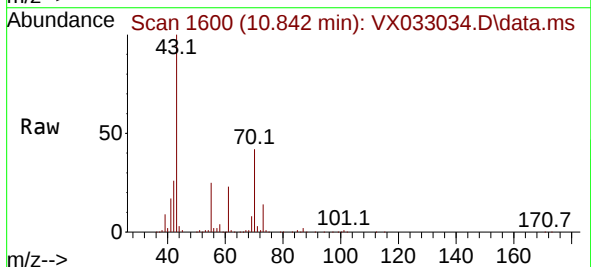
Manual Integrations
APPROVED

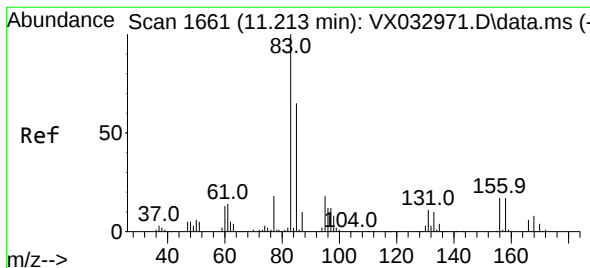
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 56.431 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

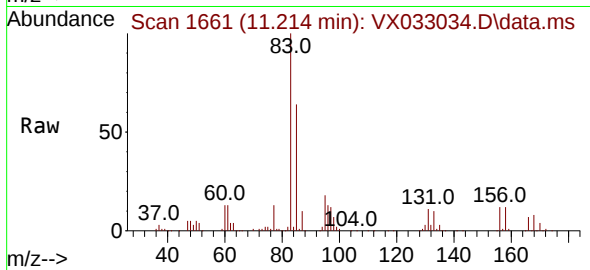
Tgt Ion: 43 Resp: 128033
Ion Ratio Lower Upper
43 100
70 42.4 33.6 50.4
55 25.2 19.4 29.2
61 23.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.377 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

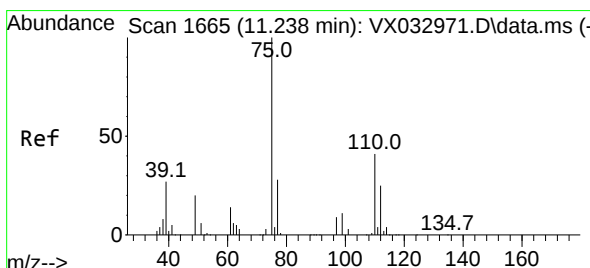
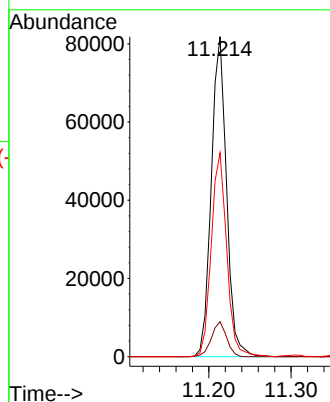
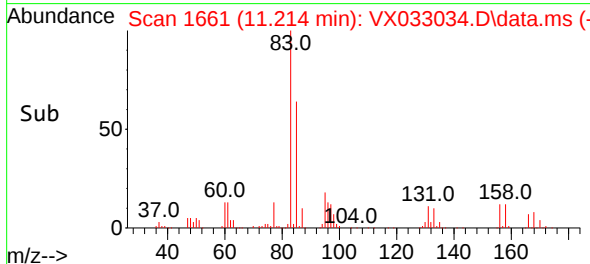
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



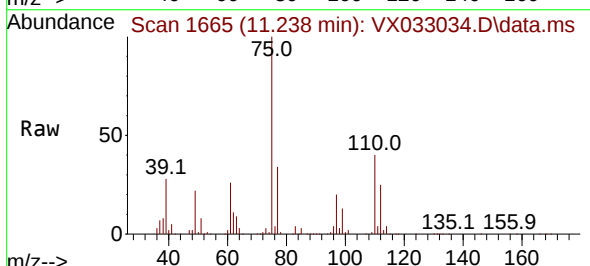
Tgt Ion: 83 Resp: 105430
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.5 31.9 95.9

Manual Integrations
APPROVED

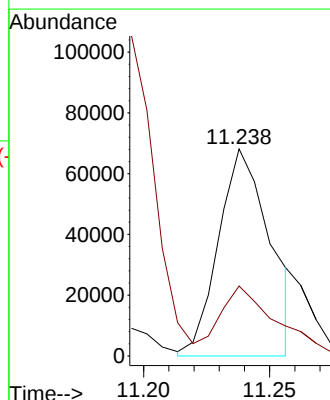
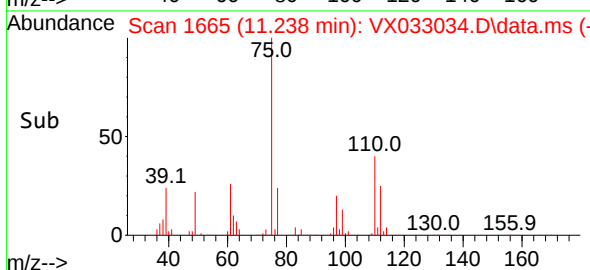
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

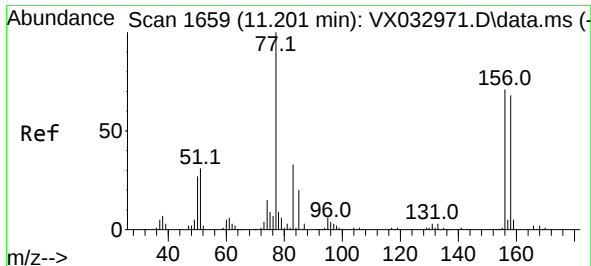


#76
1,2,3-Trichloropropane
Concen: 54.759 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



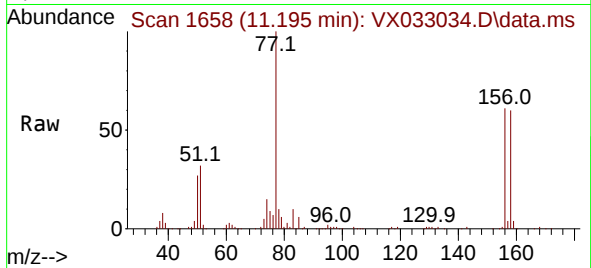
Tgt Ion: 75 Resp: 96792
Ion Ratio Lower Upper
75 100
77 37.5 20.0 60.0





#77
Bromobenzene
Concen: 50.890 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

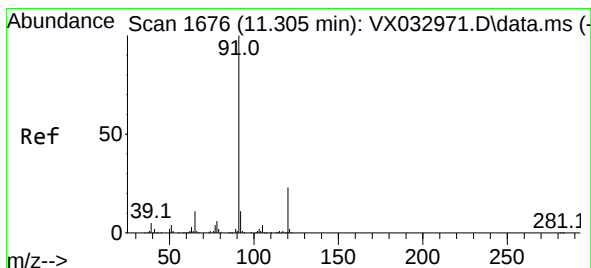
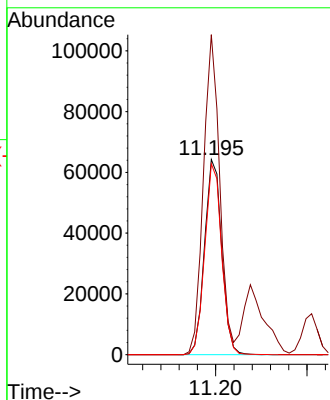
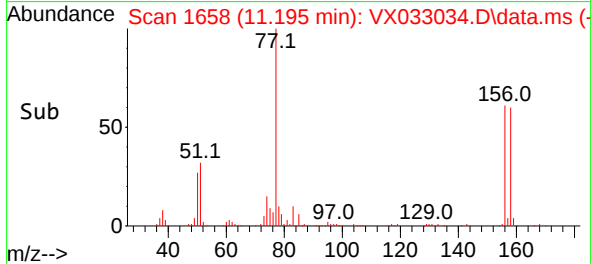
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



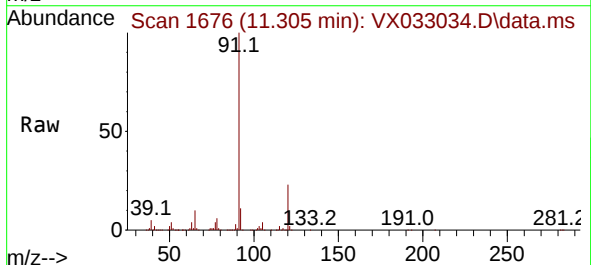
Tgt Ion:156 Resp: 83474
Ion Ratio Lower Upper
156 100
77 155.7 76.1 228.4
158 96.4 48.8 146.3

Manual Integrations
APPROVED

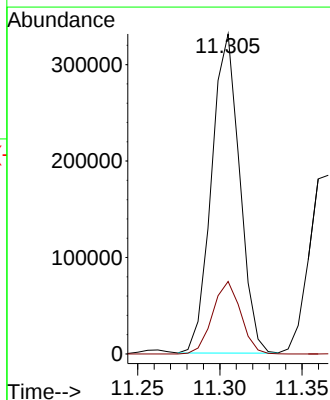
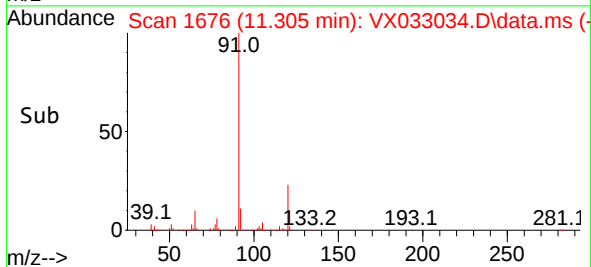
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

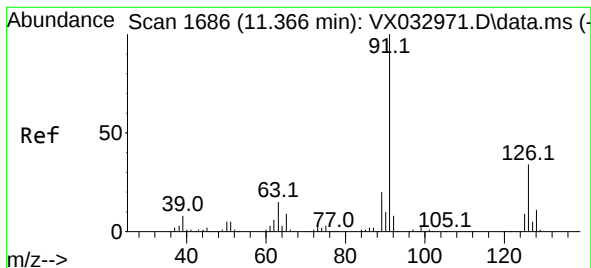


#78
n-propylbenzene
Concen: 51.656 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 91 Resp: 393911
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





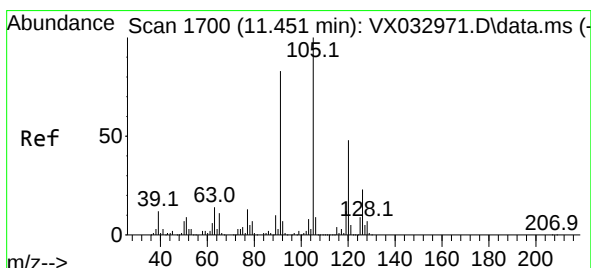
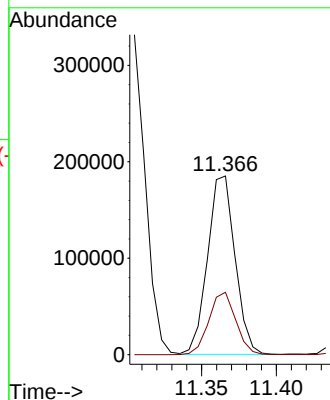
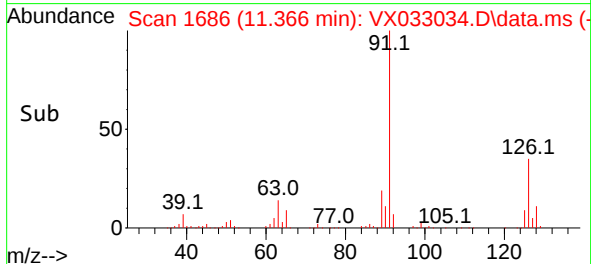
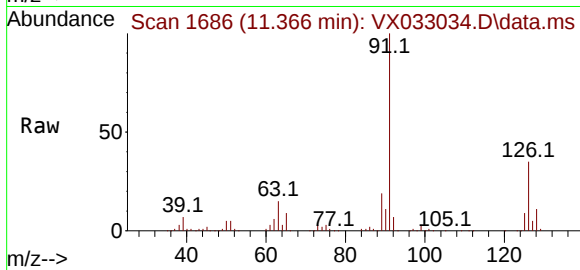
#79
2-Chlorotoluene
Concen: 51.099 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 236660
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

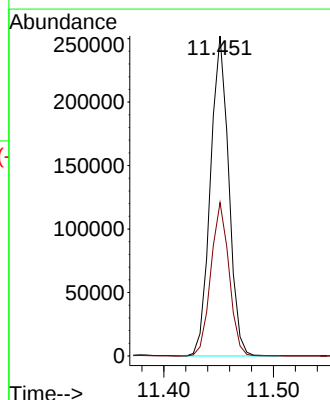
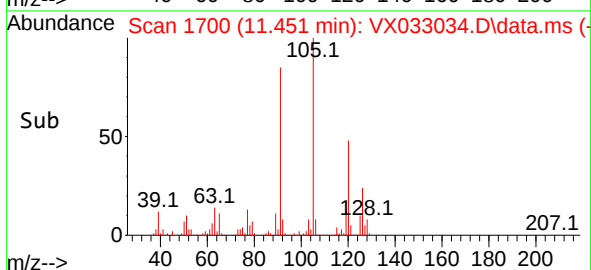
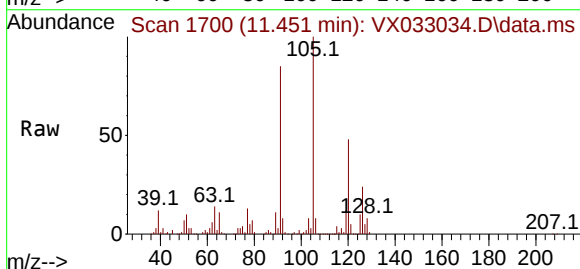
Manual Integrations
APPROVED

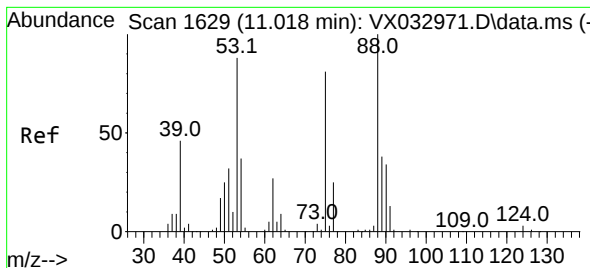
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.155 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Tgt Ion:105 Resp: 292224
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





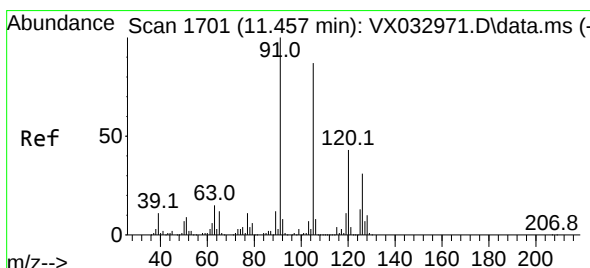
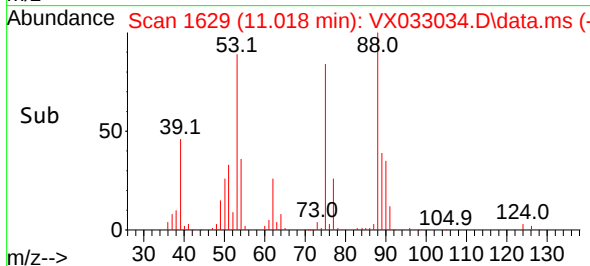
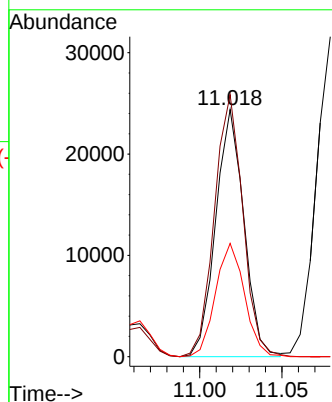
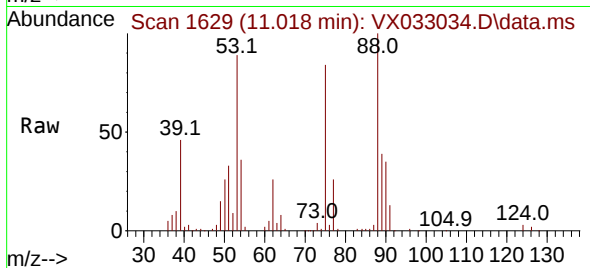
#81
trans-1,4-Dichloro-2-butene
Concen: 53.576 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2913
Ion Ratio Lower Upper
75 100
53 106.6 86.9 130.3
89 47.0 38.3 57.5

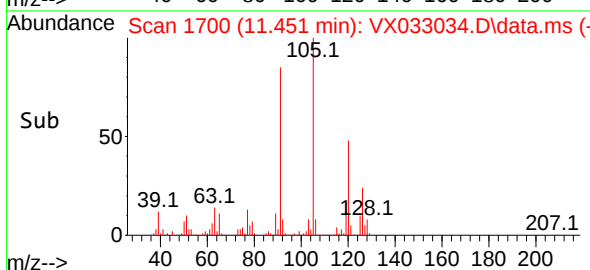
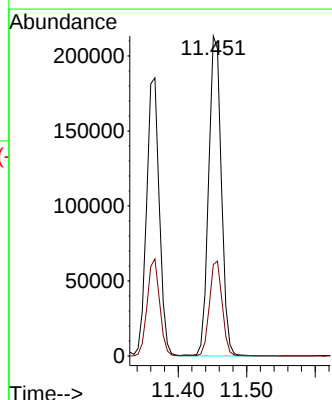
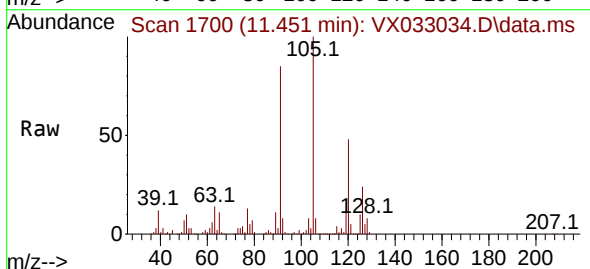
Manual Integrations
APPROVED

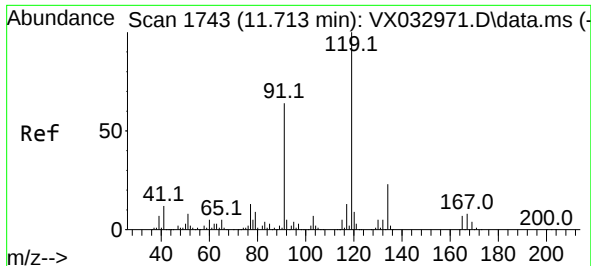
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 50.926 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

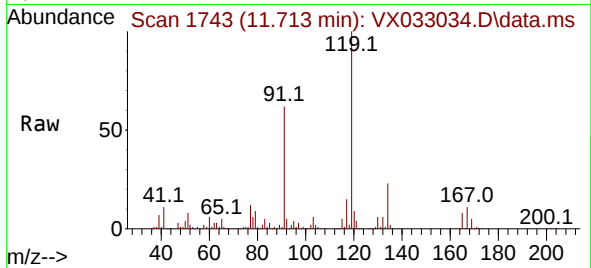
Tgt Ion: 91 Resp: 276401
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 50.664 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

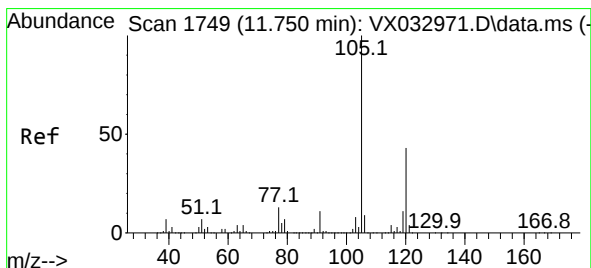
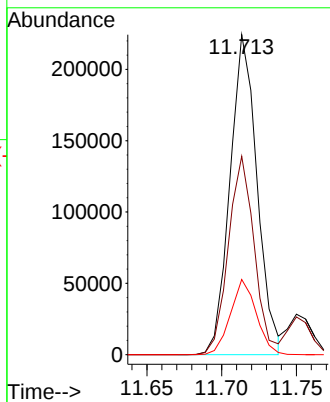
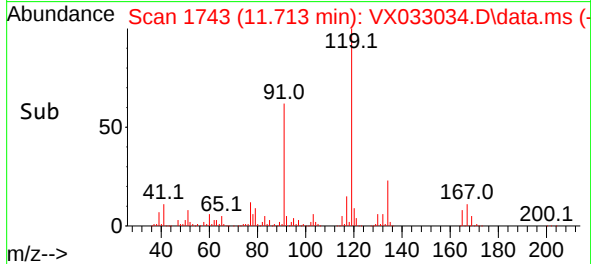
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



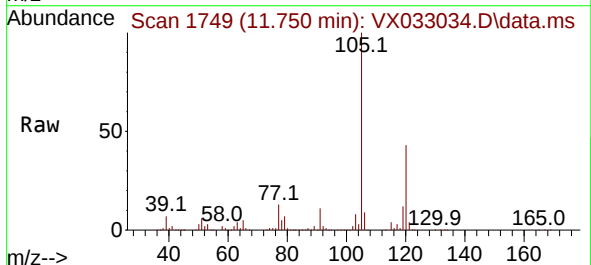
Tgt Ion:119 Resp: 282560
Ion Ratio Lower Upper
119 100
91 59.4 29.4 88.2
134 22.5 11.0 33.0

Manual Integrations
APPROVED

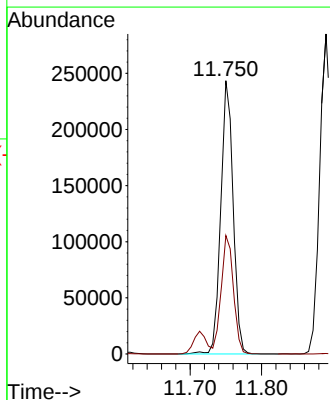
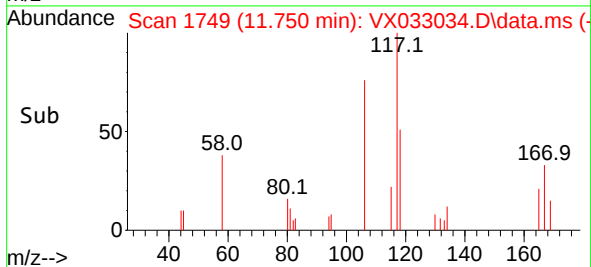
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

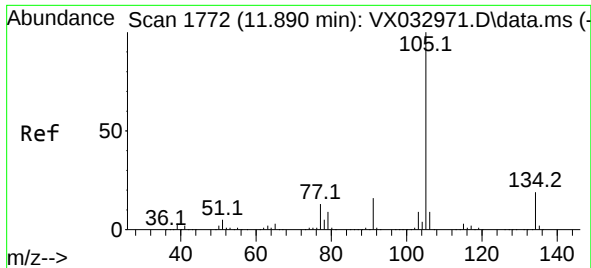


#84
1,2,4-Trimethylbenzene
Concen: 52.437 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



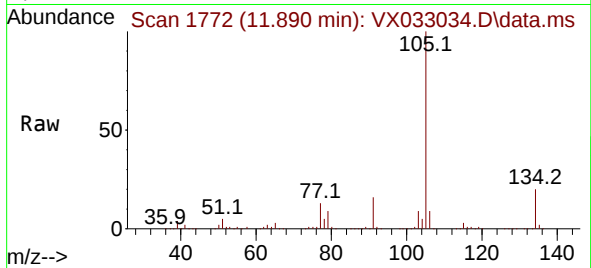
Tgt Ion:105 Resp: 292953
Ion Ratio Lower Upper
105 100
120 42.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 51.697 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033034.D
 Acq: 24 Nov 2022 02:38

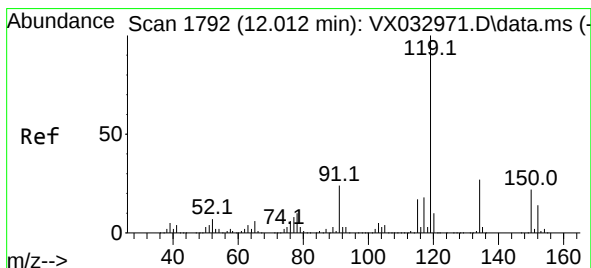
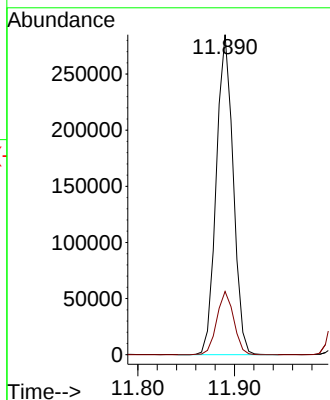
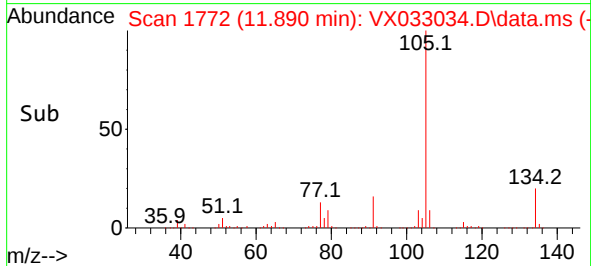
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



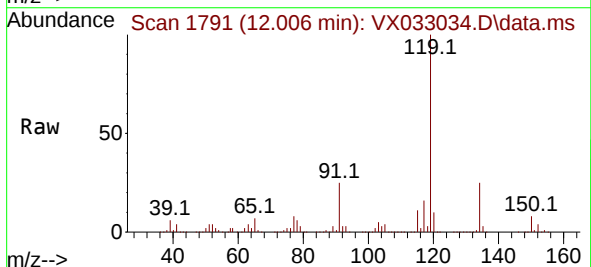
Tgt Ion:105 Resp: 344944
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

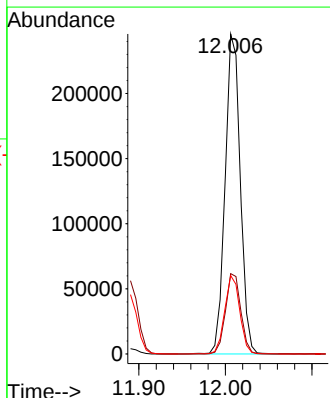
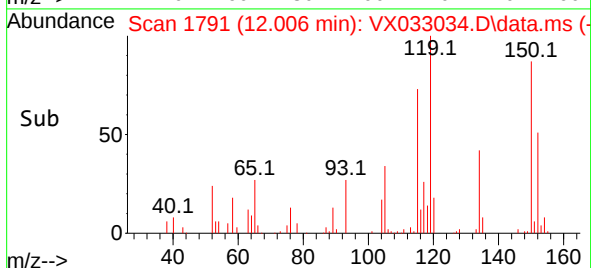
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

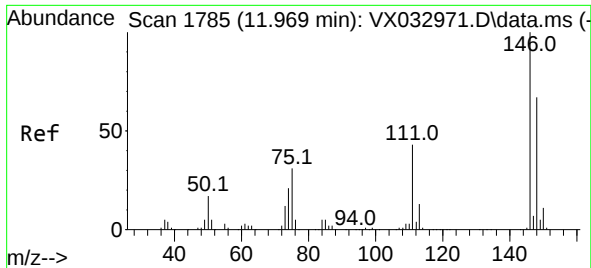


#86
 p-Isopropyltoluene
 Concen: 52.811 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033034.D
 Acq: 24 Nov 2022 02:38



Tgt Ion:119 Resp: 298550
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 24.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 50.535 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 15547

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

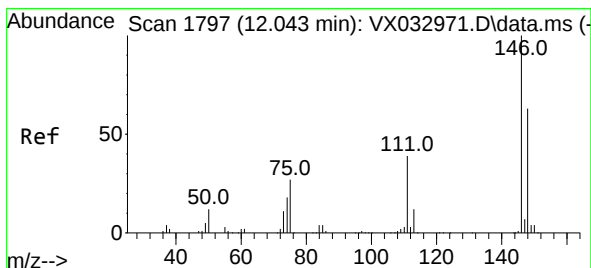
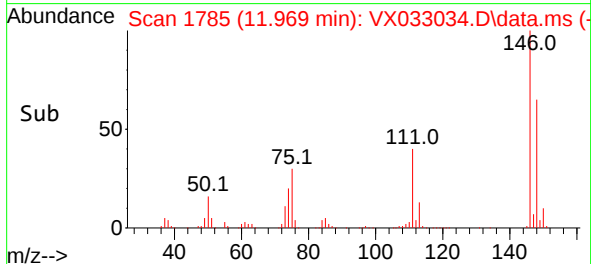
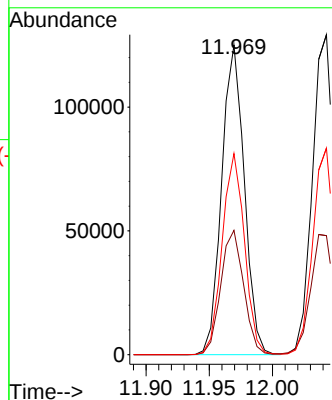
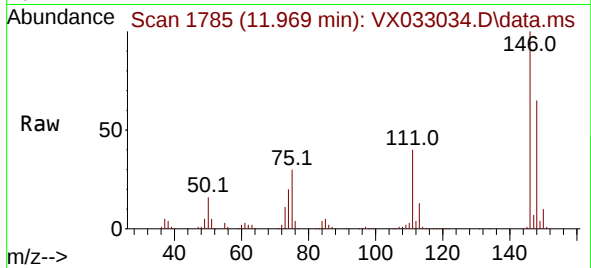
148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 50.880 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

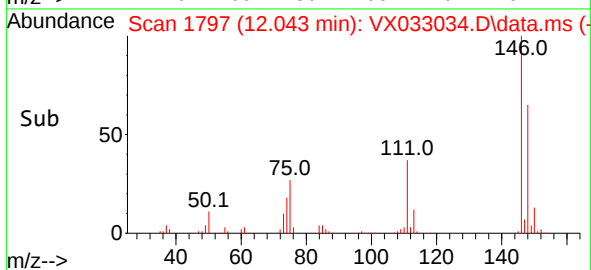
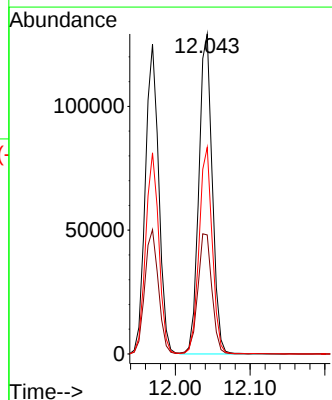
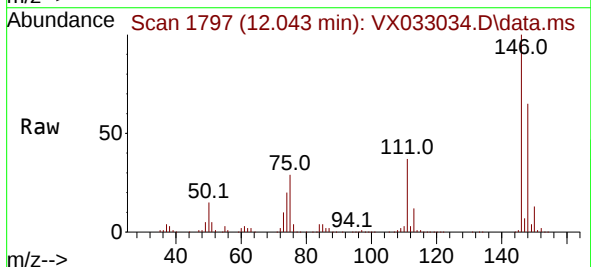
Tgt Ion:146 Resp: 160317

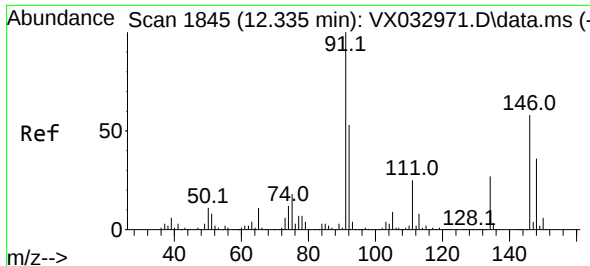
Ion Ratio Lower Upper

146 100

111 39.6 20.5 61.6

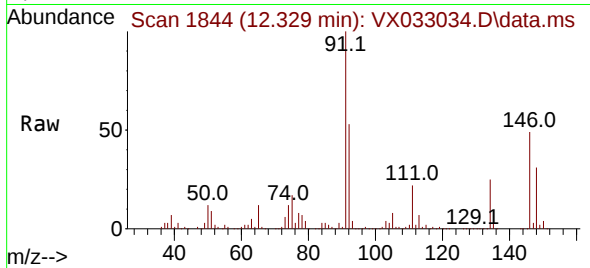
148 63.3 32.2 96.6





#89
n-Butylbenzene
Concen: 51.408 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

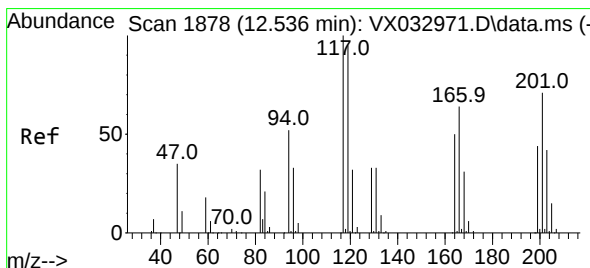
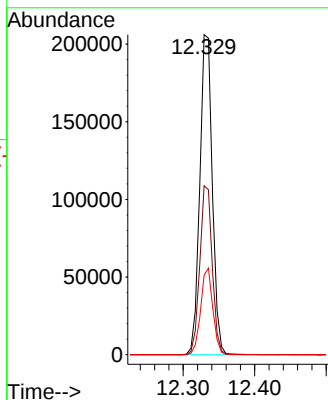
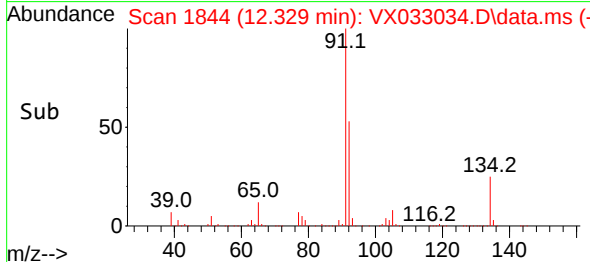
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25036
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 26.1 12.9 38.6

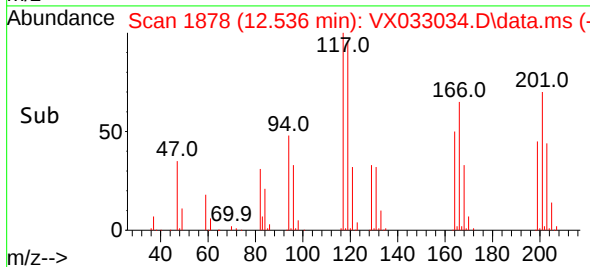
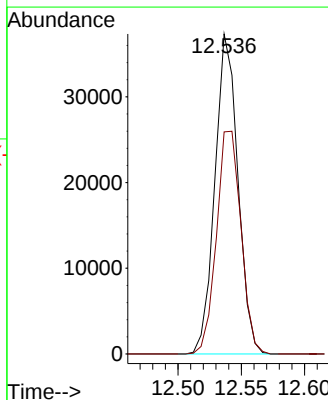
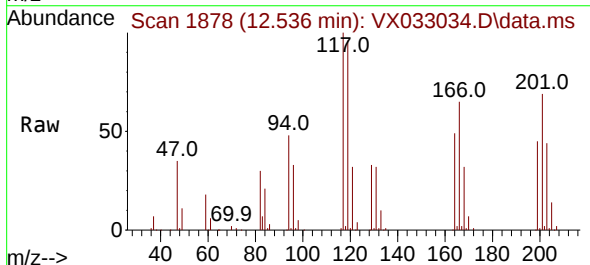
Manual Integrations
APPROVED

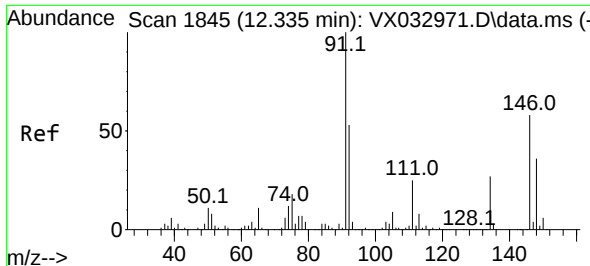
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 50.699 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

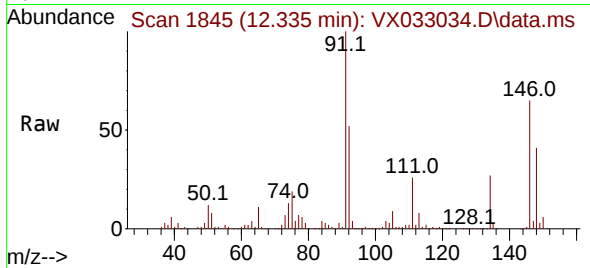
Tgt Ion:117 Resp: 47088
Ion Ratio Lower Upper
117 100
201 74.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 52.223 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38

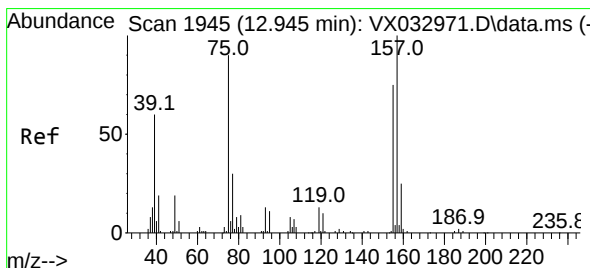
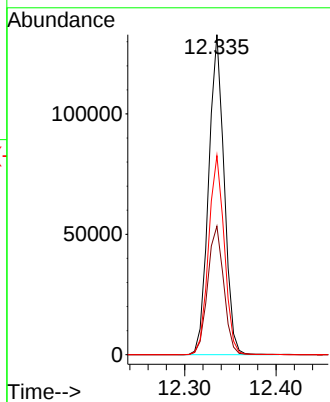
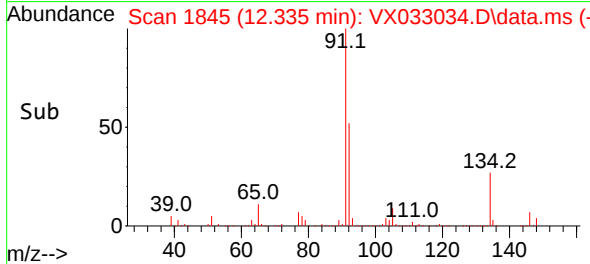
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



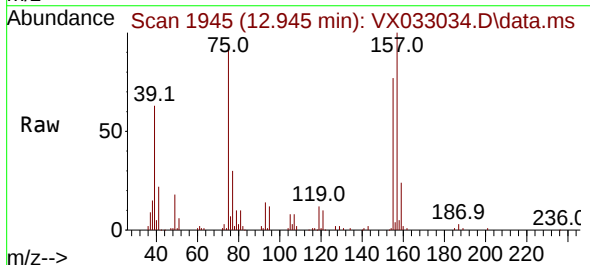
Tgt Ion:146 Resp: 15629
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 62.9 32.0 96.2

Manual Integrations
APPROVED

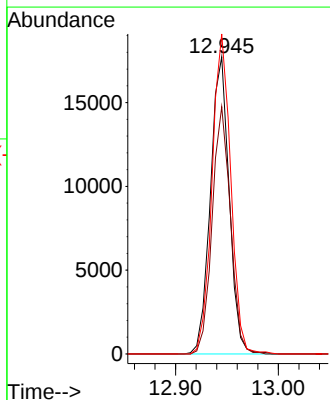
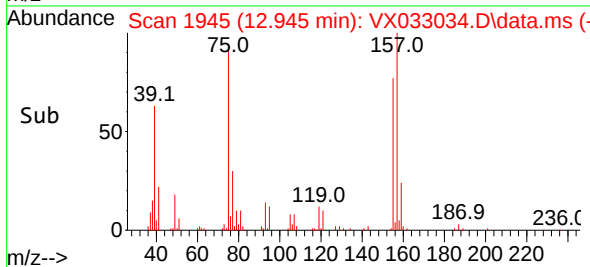
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

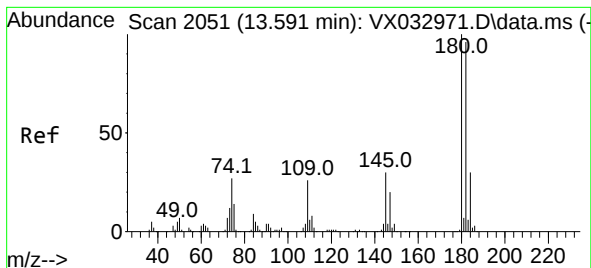


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.764 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033034.D
Acq: 24 Nov 2022 02:38



Tgt Ion: 75 Resp: 22397
Ion Ratio Lower Upper
75 100
155 81.2 41.6 124.8
157 107.6 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 51.196 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

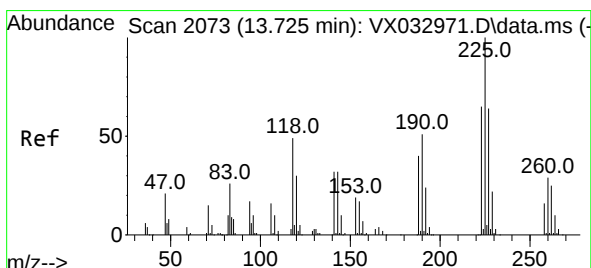
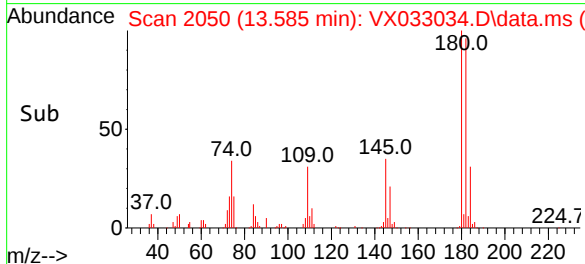
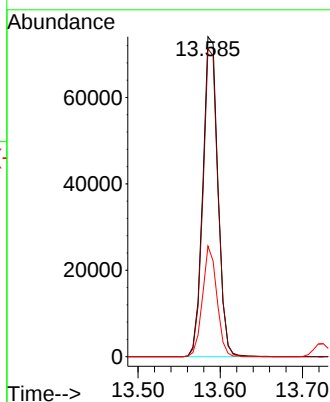
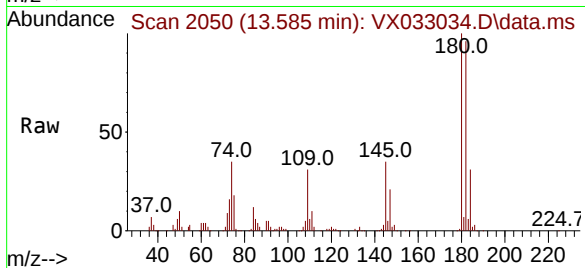
Tgt Ion:180	Resp:	94449
Ion Ratio	Lower	Upper
180	100	
182	95.9	48.4 145.0
145	32.8	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#94

Hexachlorobutadiene

Concen: 47.129 ug/l

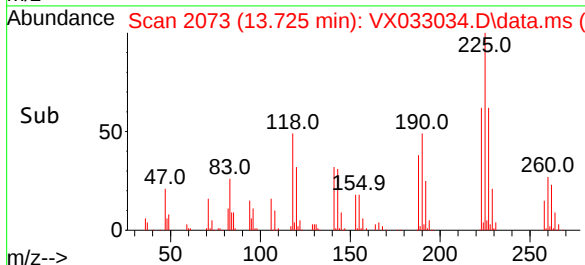
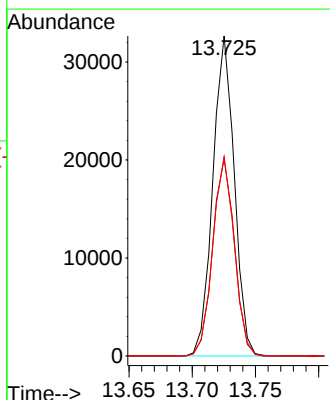
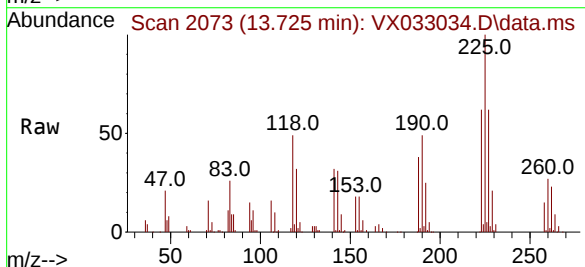
RT: 13.725 min Scan# 2073

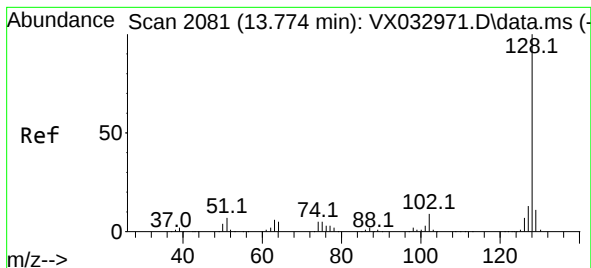
Delta R.T. 0.000 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Tgt Ion:225	Resp:	38359
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.9 95.9
227	62.4	31.9 95.5





#95

Naphthalene

Concen: 53.795 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

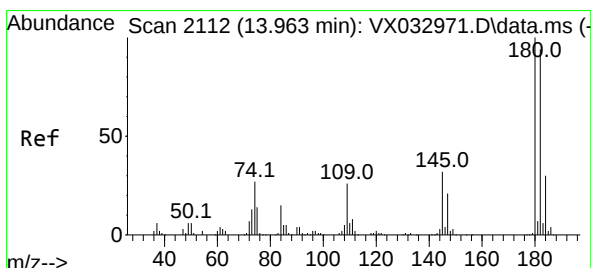
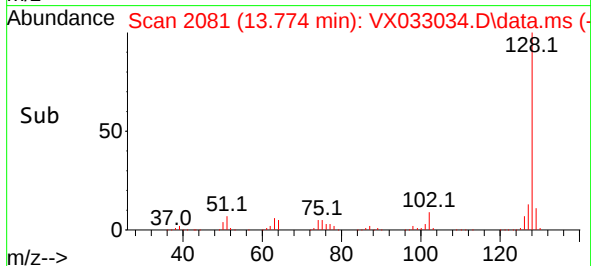
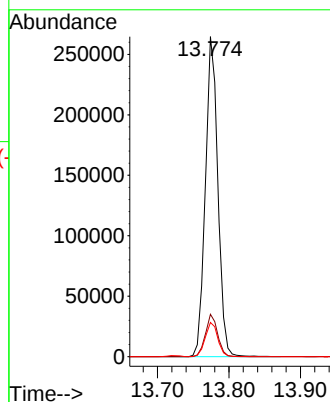
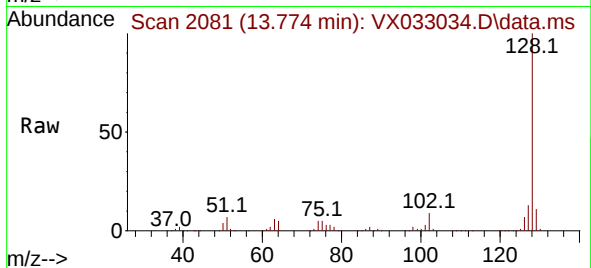
Tgt Ion:128 Resp: 32106
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#96

1,2,3-Trichlorobenzene

Concen: 51.604 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033034.D

Acq: 24 Nov 2022 02:38

Tgt Ion:180 Resp: 95470
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.6
 145 33.7 16.9 50.6

