

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032971.D
 Acq On : 22 Nov 2022 10:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 22 11:29:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	133100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64839	35.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	70.120%#		
35) Dibromofluoromethane	5.385	113	55520	37.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	75.300%		
50) Toluene-d8	8.647	98	173735	33.880	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	67.760%#		
62) 4-Bromofluorobenzene	11.079	95	76032	37.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	75.920%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48861	31.829	ug/l	99
3) Chloromethane	1.294	50	51714	39.834	ug/l	100
4) Vinyl Chloride	1.374	62	59256	41.473	ug/l	99
5) Bromomethane	1.618	94	42235	36.990	ug/l	95
6) Chloroethane	1.691	64	50313	52.490	ug/l	100
7) Trichlorofluoromethane	1.892	101	115384	42.620	ug/l	99
8) Diethyl Ether	2.136	74	36533	41.642	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	61982	43.378	ug/l	99
10) Methyl Iodide	2.453	142	76451	51.476	ug/l	100
11) Tert butyl alcohol	3.014	59	51046m	189.637	ug/l	
12) 1,1-Dichloroethene	2.319	96	57869	43.354	ug/l	93
13) Acrolein	2.239	56	56305	209.530	ug/l	100
14) Allyl chloride	2.666	41	94339	44.337	ug/l	99
15) Acrylonitrile	3.069	53	142476	195.032	ug/l	98
16) Acetone	2.392	43	150963	224.591	ug/l	95
17) Carbon Disulfide	2.514	76	153183	48.181	ug/l	99
18) Methyl Acetate	2.709	43	81206	37.151	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	203616	43.401	ug/l	97
20) Methylene Chloride	2.788	84	64782	42.035	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	65083	44.794	ug/l	97
22) Diisopropyl ether	3.757	45	213066	46.294	ug/l #	88
23) Vinyl Acetate	3.721	43	837722	225.292	ug/l	100
24) 1,1-Dichloroethane	3.611	63	115810	43.747	ug/l	99
25) 2-Butanone	4.562	43	209518	201.193	ug/l	97
26) 2,2-Dichloropropane	4.477	77	96658	45.932	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	77357	46.061	ug/l	99
28) Bromochloromethane	4.897	49	52395	55.565	ug/l	100
29) Tetrahydrofuran	5.013	42	130430	196.417	ug/l	100
30) Chloroform	5.093	83	133548	45.974	ug/l	98
31) Cyclohexane	5.471	56	106832	47.643	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	120918	46.387	ug/l	100
36) 1,1-Dichloropropene	5.690	75	95432	46.470	ug/l	99
37) Ethyl Acetate	4.715	43	83698	39.155	ug/l	98
38) Carbon Tetrachloride	5.678	117	106555	46.781	ug/l	98
39) Methylcyclohexane	7.379	83	109697	45.148	ug/l	98
40) Benzene	6.037	78	268907	46.273	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47196	43.341	ug/l	97
42) 1,2-Dichloroethane	6.086	62	109263	45.995	ug/l	100
43) Isopropyl Acetate	6.342	43	139506	42.505	ug/l	100
44) Trichloroethene	7.123	130	76400	46.701	ug/l	99
45) 1,2-Dichloropropane	7.434	63	67774	45.432	ug/l	99
46) Dibromomethane	7.580	93	51559	45.067	ug/l	99
47) Bromodichloromethane	7.824	83	102740	47.383	ug/l	100
48) Methyl methacrylate	7.690	41	71701	42.299	ug/l	98
49) 1,4-Dioxane	7.714	88	26136	809.063	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	433975	209.921	ug/l	100
52) Toluene	8.720	92	179857	47.437	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107459	48.573	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	113472	47.954	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	71577	44.826	ug/l	100
56) Ethyl methacrylate	9.116	69	106263	46.245	ug/l	99
57) 1,3-Dichloropropane	9.311	76	117503	45.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238799	215.827	ug/l	100
59) 2-Hexanone	9.433	43	328828	214.363	ug/l	99
60) Dibromochloromethane	9.519	129	82317	47.198	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78145	46.188	ug/l	99
64) Tetrachloroethene	9.275	164	67197	47.891	ug/l	96
65) Chlorobenzene	10.079	112	194271	45.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73581	45.528	ug/l	99
67) Ethyl Benzene	10.195	91	359211	46.778	ug/l	100
68) m/p-Xylenes	10.299	106	279128	93.609	ug/l	99
69) o-Xylene	10.640	106	136239	46.993	ug/l	98
70) Styrene	10.659	104	230498	47.839	ug/l	99
71) Bromoform	10.799	173	58086	45.457	ug/l #	99
73) Isopropylbenzene	10.963	105	365224	44.889	ug/l	100
74) N-amyl acetate	10.842	43	131007	42.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107734	41.252	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95736m	41.911	ug/l	
77) Bromobenzene	11.201	156	88547	44.392	ug/l	99
78) n-propylbenzene	11.305	91	426353	45.482	ug/l	100
79) 2-Chlorotoluene	11.366	91	251365	44.775	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	315154	45.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30672	42.726	ug/l	99
82) 4-Chlorotoluene	11.457	91	298598	45.455	ug/l	100
83) tert-Butylbenzene	11.713	119	310574	44.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	314604	45.488	ug/l	100
85) sec-Butylbenzene	11.890	105	376710	45.096	ug/l	100
86) p-Isopropyltoluene	12.012	119	321832	45.403	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	165892	44.089	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	170957	43.796	ug/l	99
89) n-Butylbenzene	12.335	91	277747	45.040	ug/l	100
90) Hexachloroethane	12.536	117	51418	44.410	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	164239	44.268	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22885	39.966	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	101145	41.811	ug/l	99
94) Hexachlorobutadiene	13.725	225	42193	41.762	ug/l	100
95) Naphthalene	13.774	128	331760	41.158	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101739	41.373	ug/l	99

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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

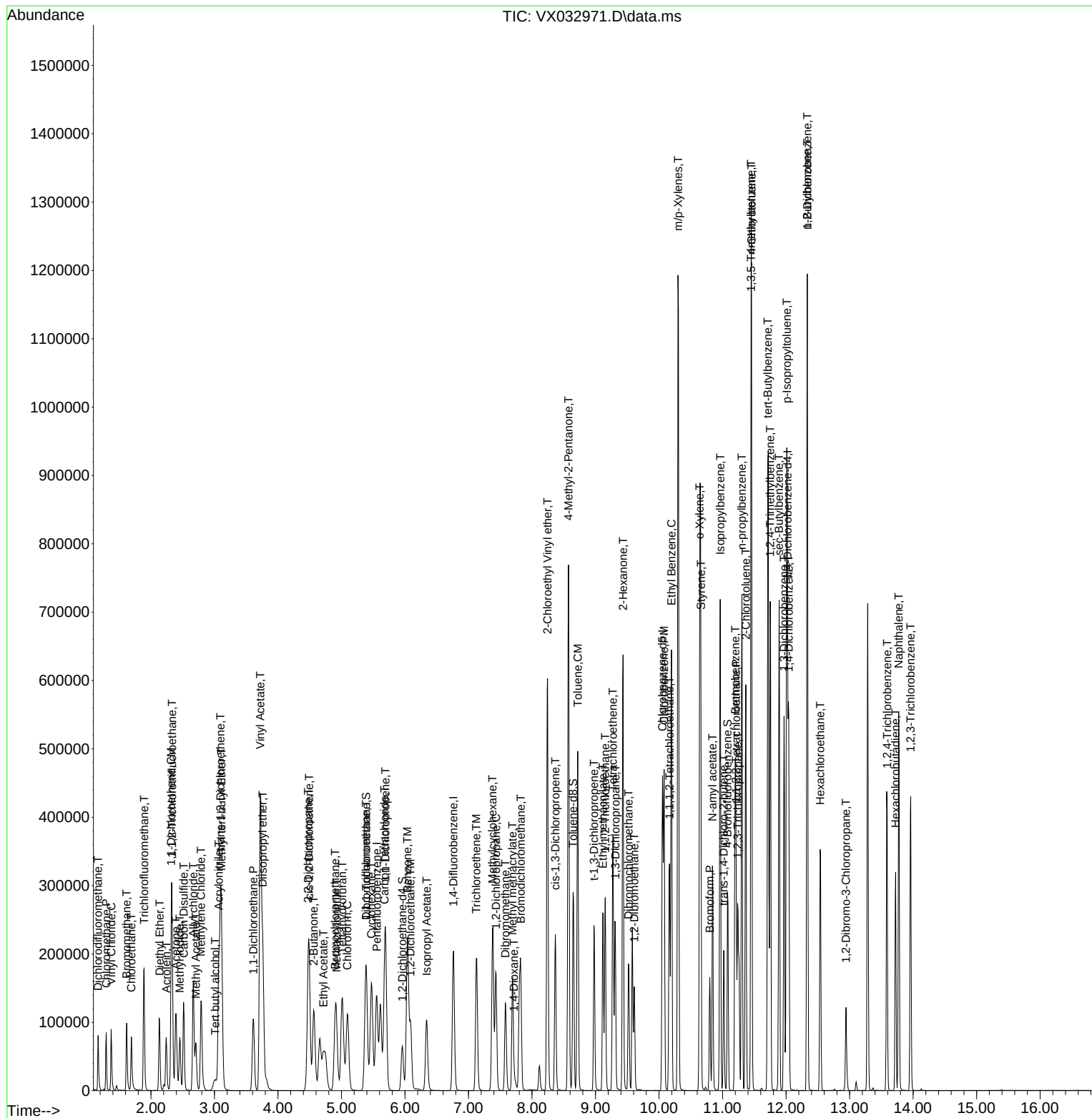
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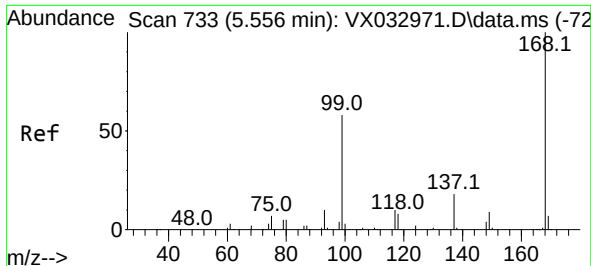
Instrument :
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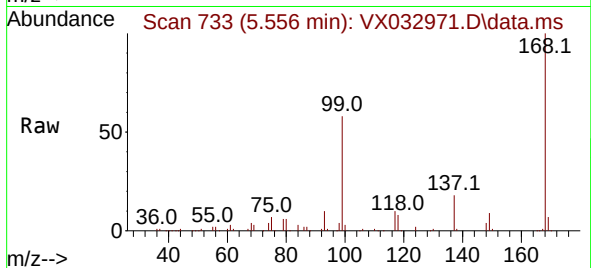
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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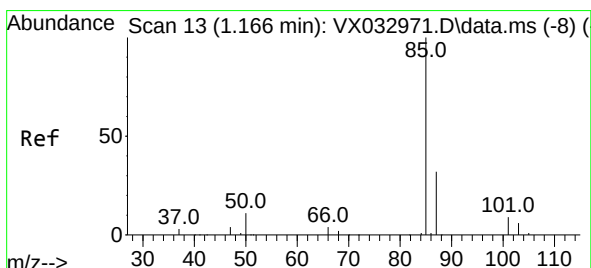
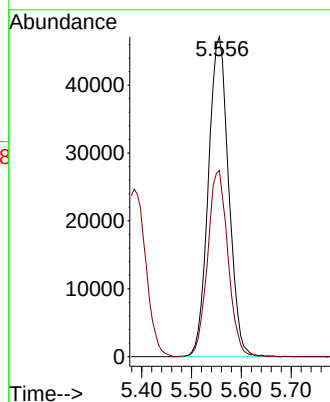
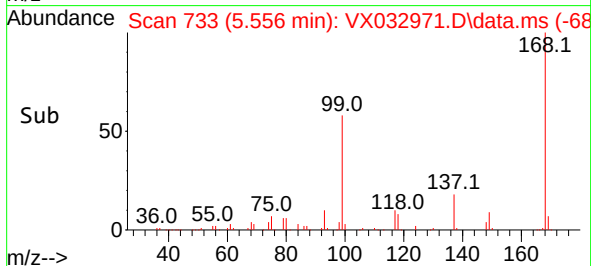
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 133100
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1

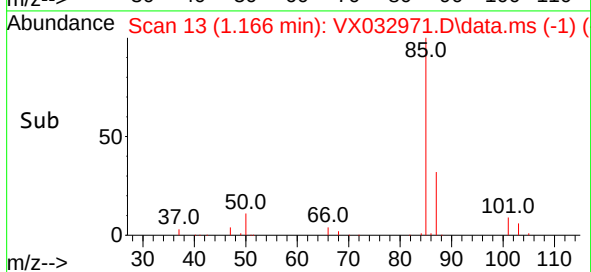
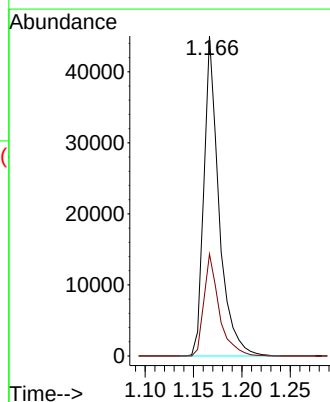
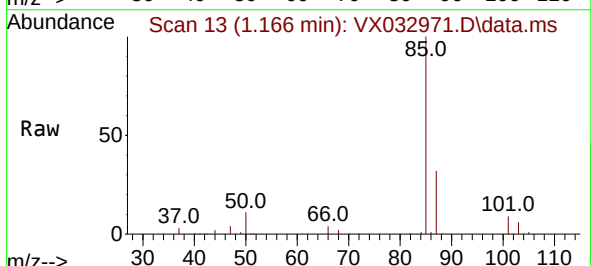
Manual Integrations
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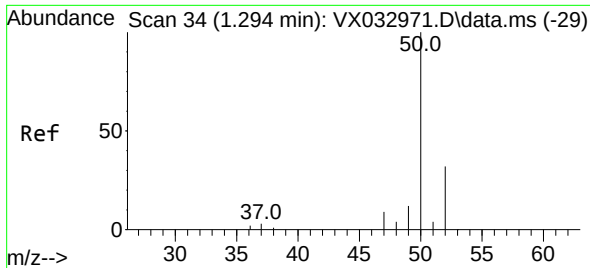
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#2
Dichlorodifluoromethane
Concen: 31.829 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 85 Resp: 48861
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.7





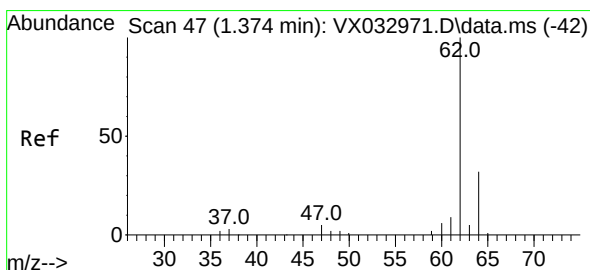
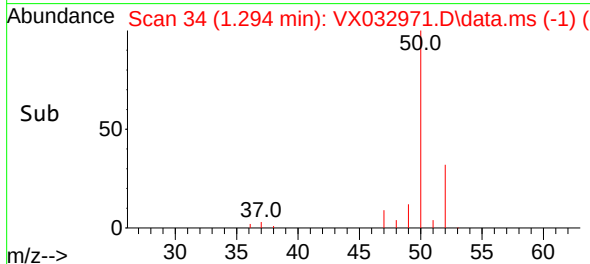
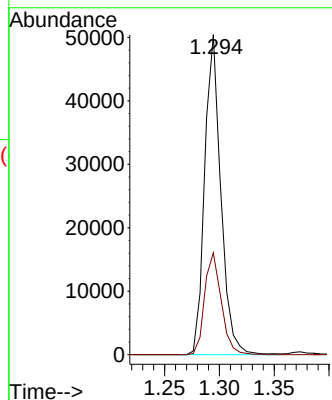
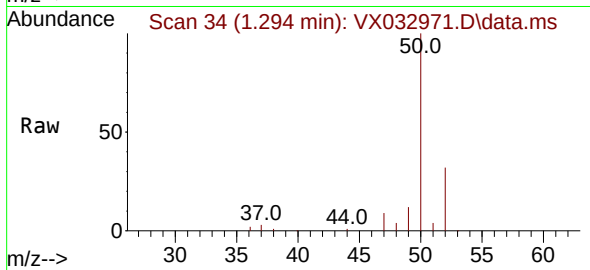
#3
Chloromethane
Concen: 39.834 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 51714
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2

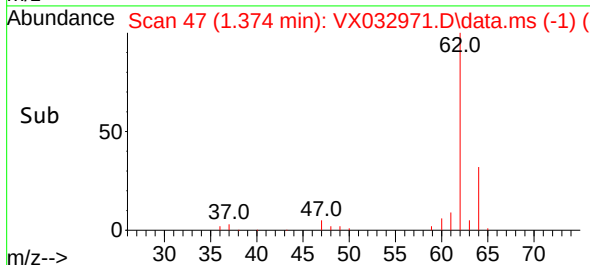
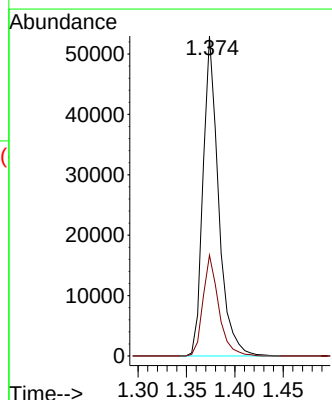
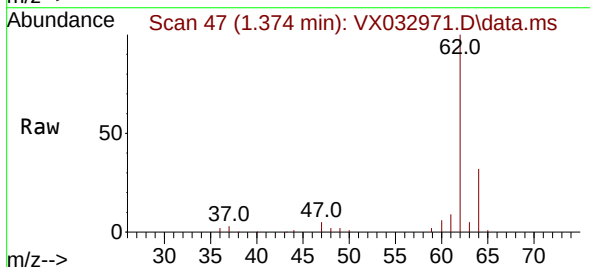
Manual Integrations
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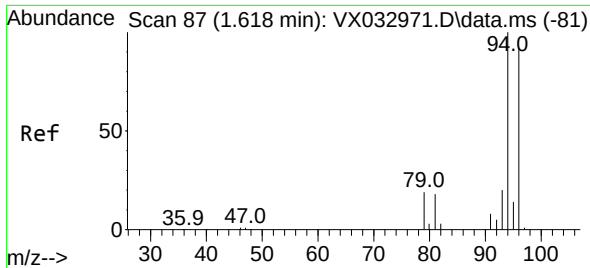
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#4
Vinyl Chloride
Concen: 41.473 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

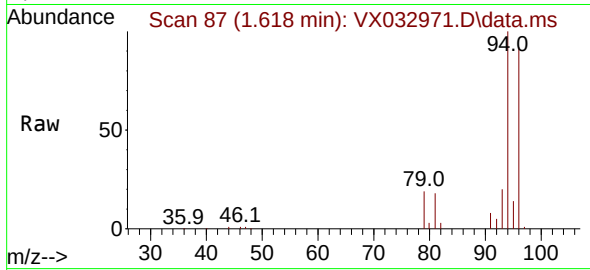
Tgt Ion: 62 Resp: 59256
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 36.990 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

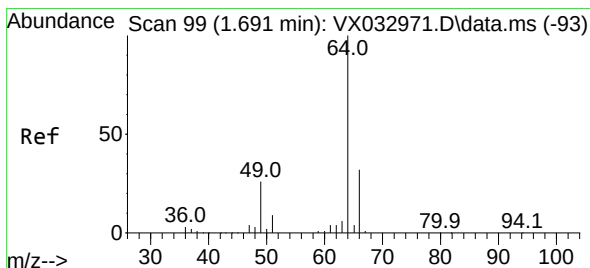
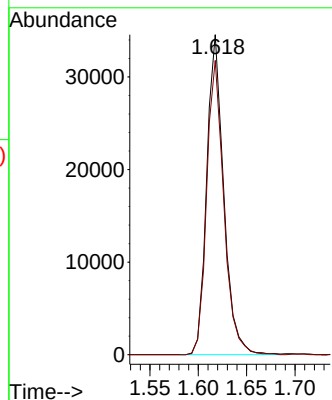
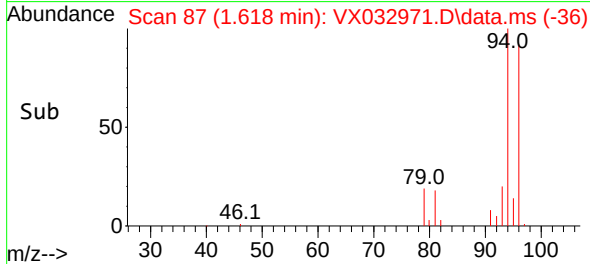
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Tgt Ion: 94 Resp: 42235
Ion Ratio Lower Upper
94 100
96 92.0 77.6 116.4

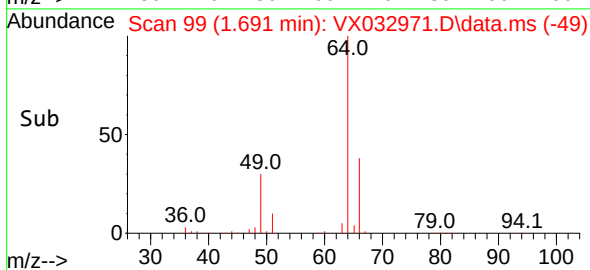
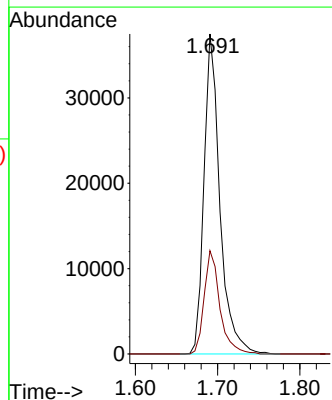
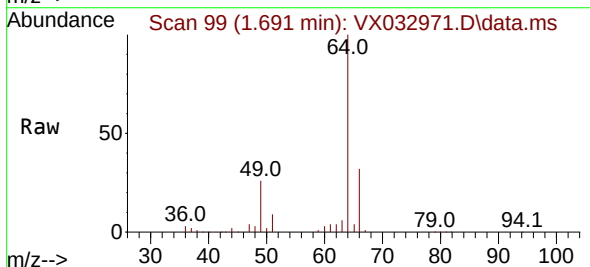
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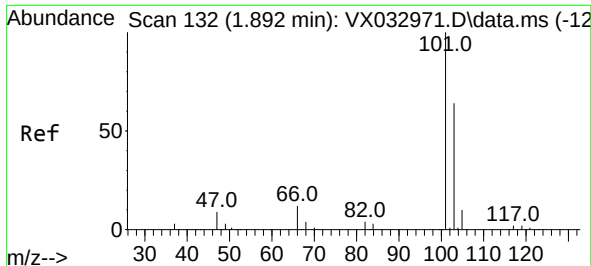
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#6
Chloroethane
Concen: 52.490 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032971.D
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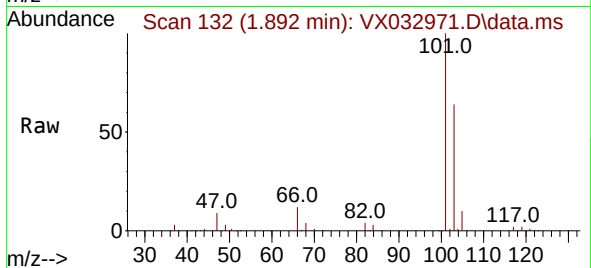
Tgt Ion: 64 Resp: 50313
Ion Ratio Lower Upper
64 100
66 32.3 26.0 39.0





#7
Trichlorofluoromethane
Concen: 42.620 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032971.D
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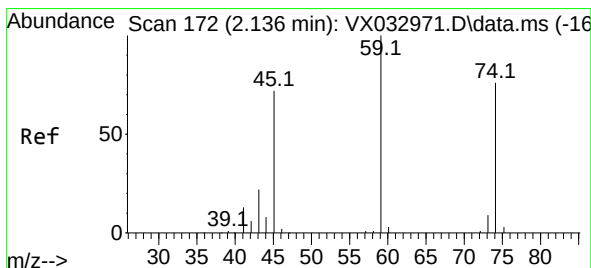
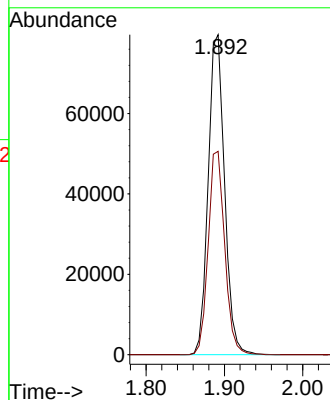
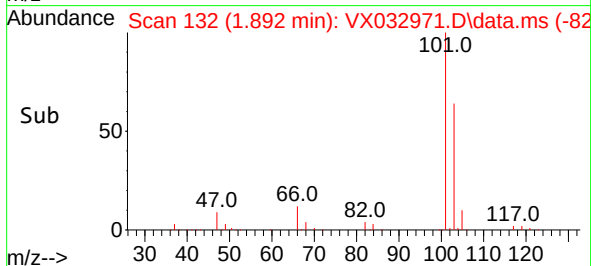
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 115384
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

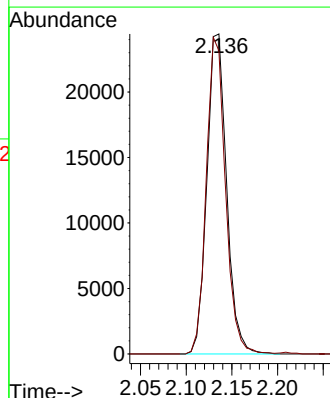
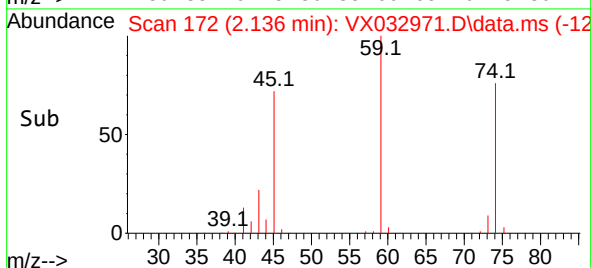
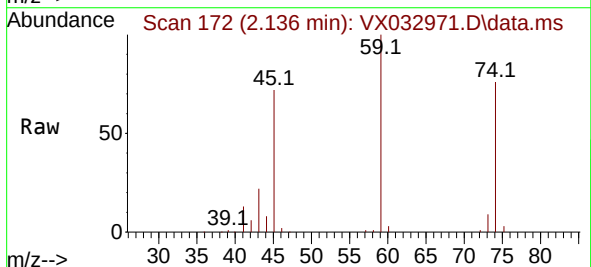
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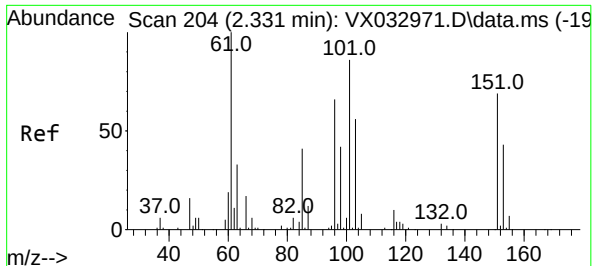
Reviewed By :John Carlone 11/23/2022
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#8
Diethyl Ether
Concen: 41.642 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 74 Resp: 36533
Ion Ratio Lower Upper
74 100
45 96.3 46.6 139.7





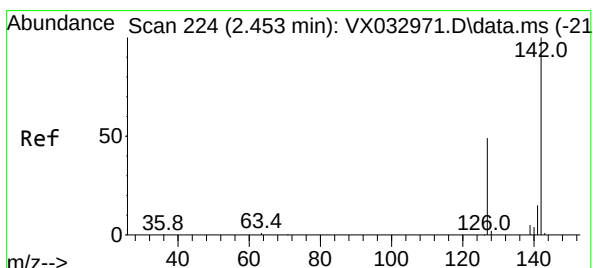
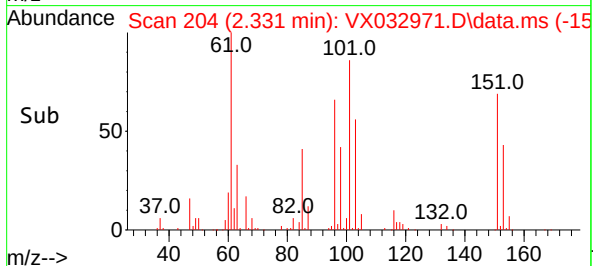
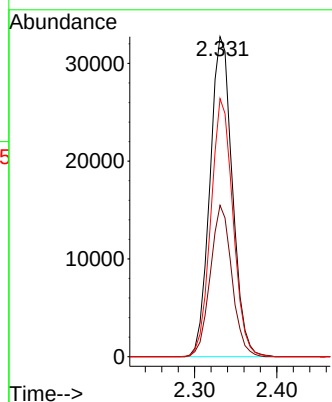
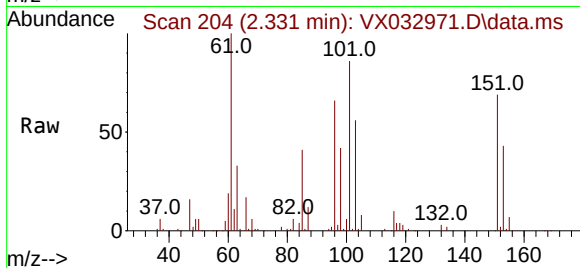
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.378 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 6198
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 79.5 64.4 96.6

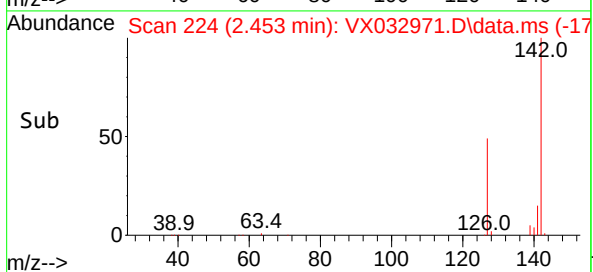
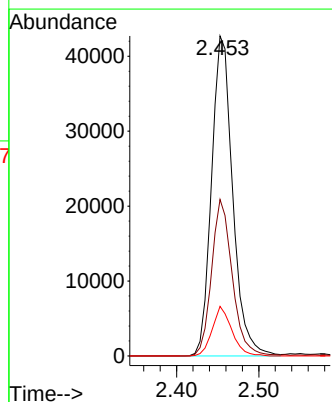
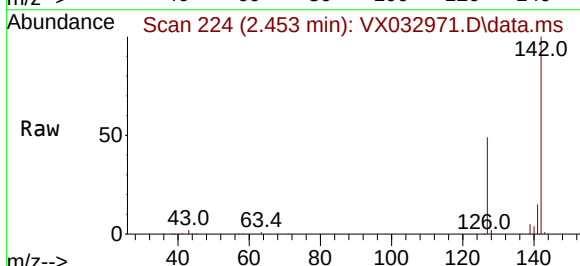
Manual Integrations
APPROVED

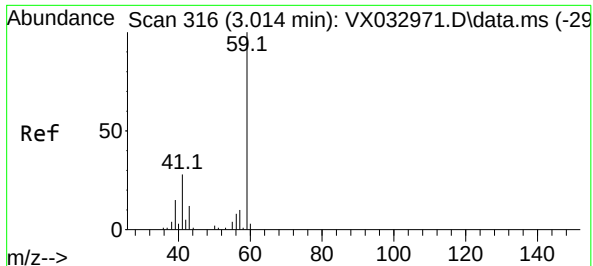
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 51.476 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

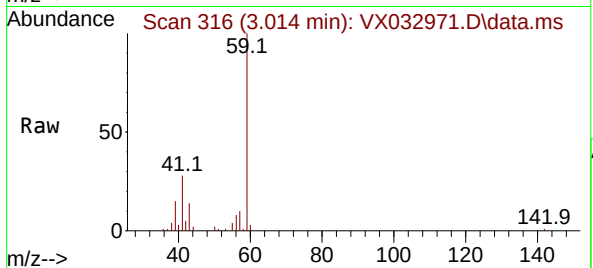
Tgt Ion:142 Resp: 76451
Ion Ratio Lower Upper
142 100
127 47.9 38.6 57.8
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 189.637 ug/l m
RT: 3.014 min Scan# 316
Delta R.T. 0.049 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

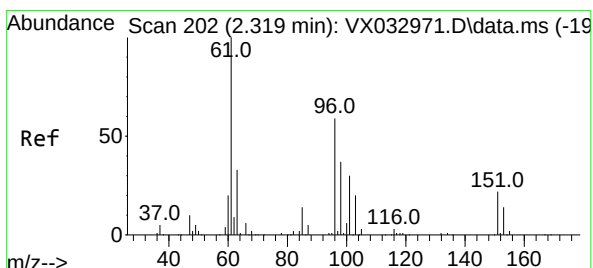
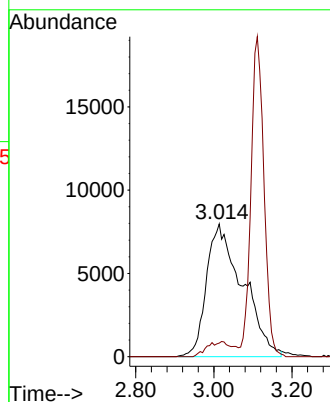
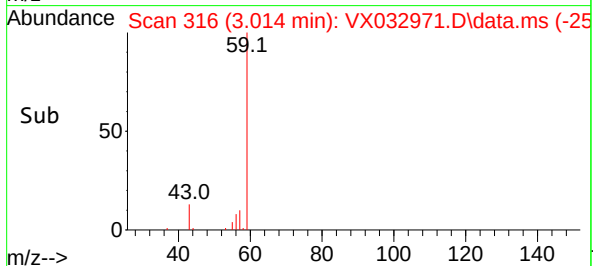
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 51040
Ion Ratio Lower Upper
59 100
57 3.0 8.2 12.4

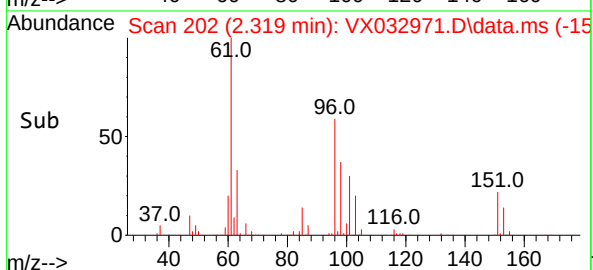
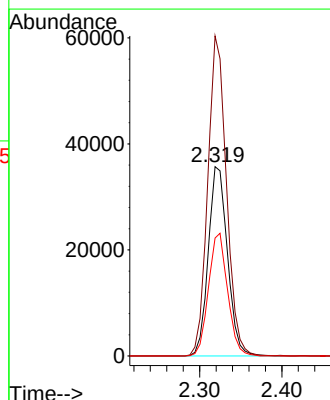
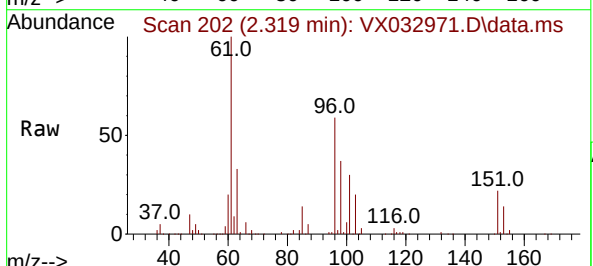
Manual Integrations
APPROVED

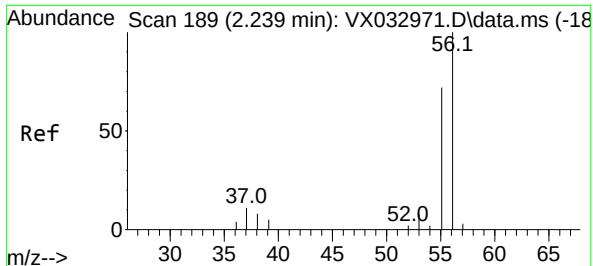
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 43.354 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

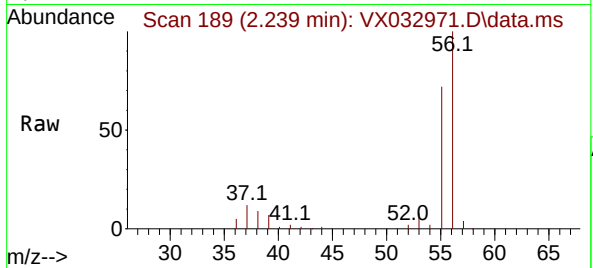
Tgt Ion: 96 Resp: 57869
Ion Ratio Lower Upper
96 100
61 169.0 125.1 187.7
98 62.3 50.6 76.0





#13
Acrolein
Concen: 209.530 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

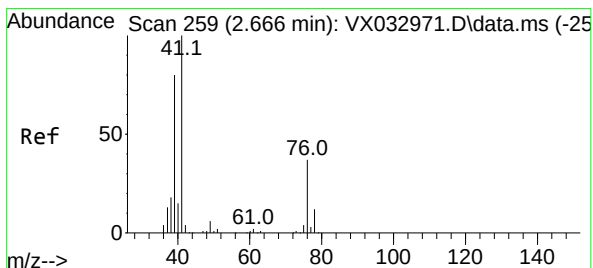
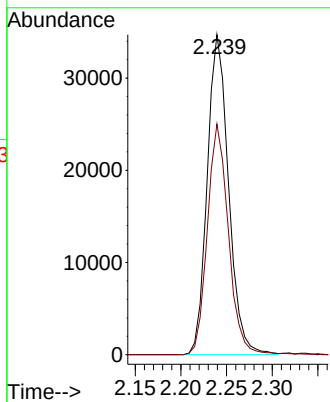
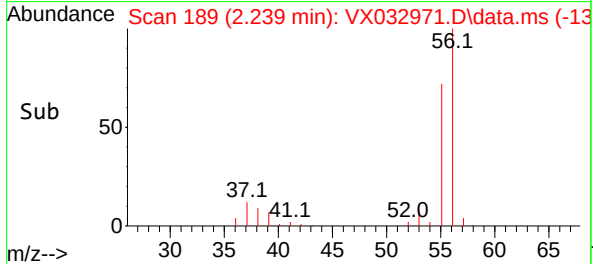
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 56309
Ion Ratio Lower Upper
56 100
55 71.3 56.9 85.3

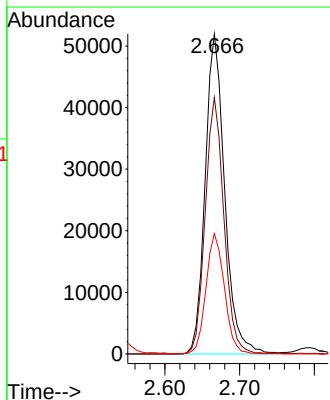
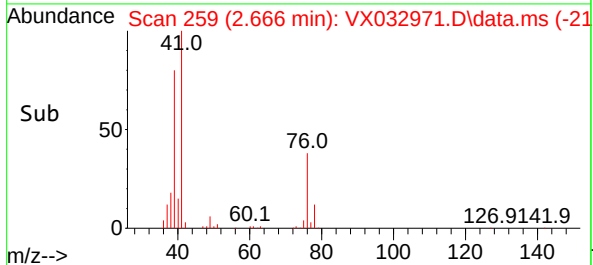
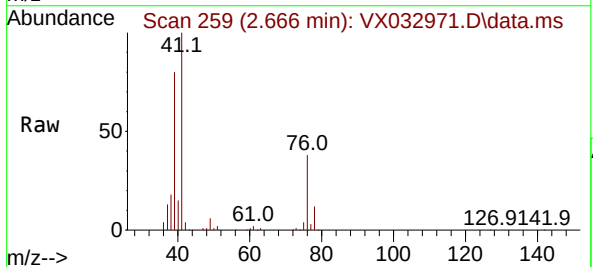
Manual Integrations
APPROVED

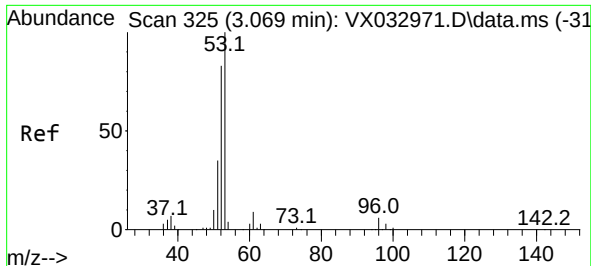
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 44.337 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

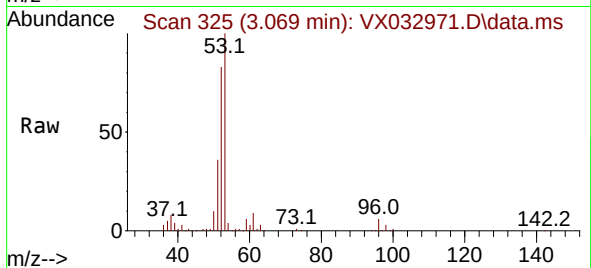
Tgt Ion: 41 Resp: 94339
Ion Ratio Lower Upper
41 100
39 76.6 61.4 92.2
76 35.2 29.2 43.8





#15
Acrylonitrile
Concen: 195.032 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

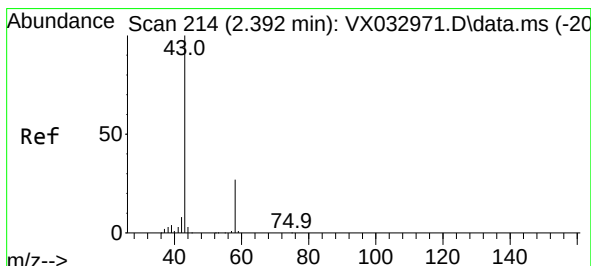
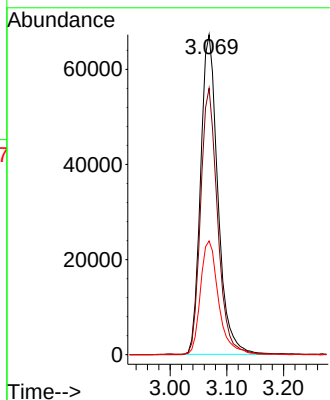
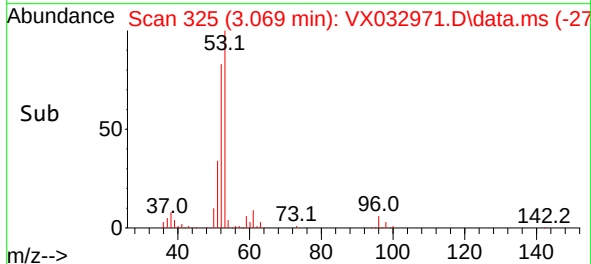
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



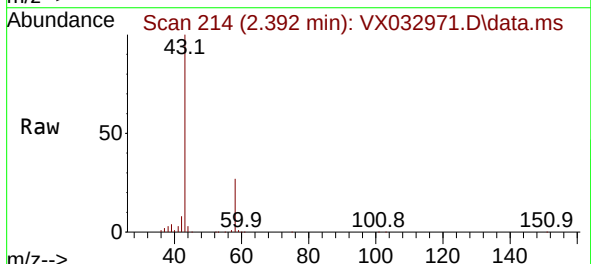
Tgt Ion: 53 Resp: 142470
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.0
51 37.0 30.3 45.5

Manual Integrations
APPROVED

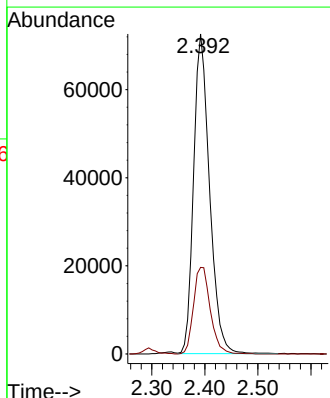
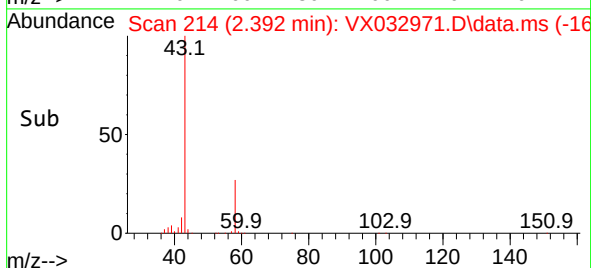
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

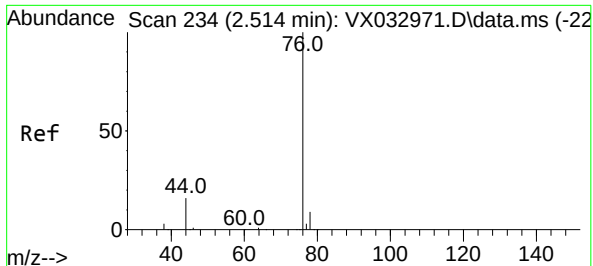


#16
Acetone
Concen: 224.591 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38



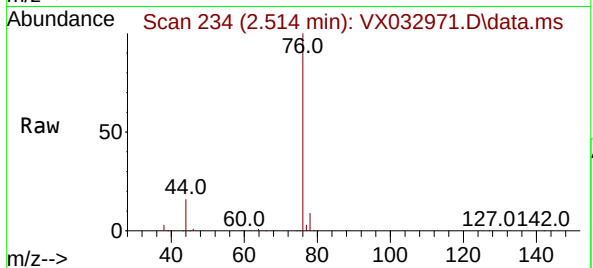
Tgt Ion: 43 Resp: 150963
Ion Ratio Lower Upper
43 100
58 27.1 23.8 35.8





#17
Carbon Disulfide
Concen: 48.181 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

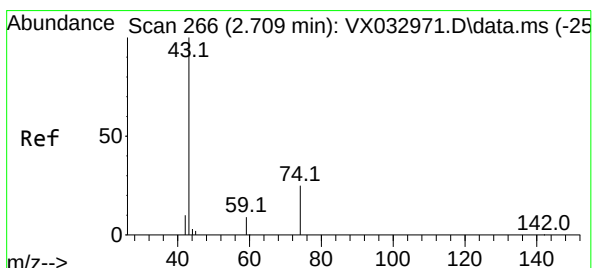
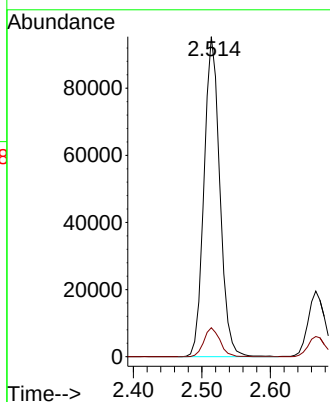
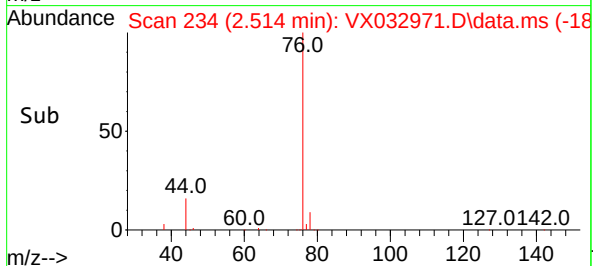
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 15318
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

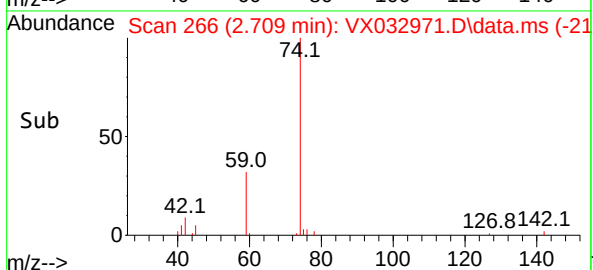
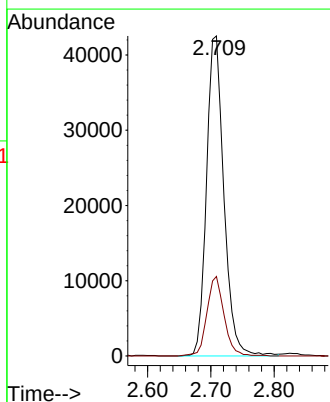
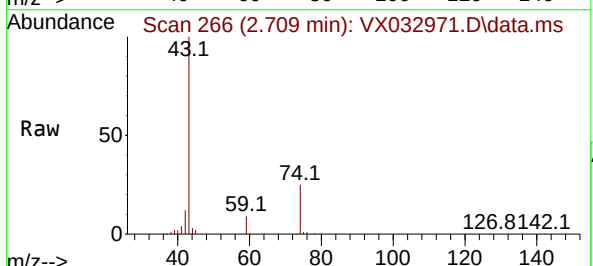
Manual Integrations
APPROVED

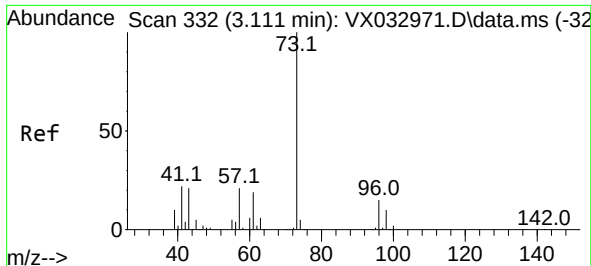
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 37.151 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 43 Resp: 81206
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.0





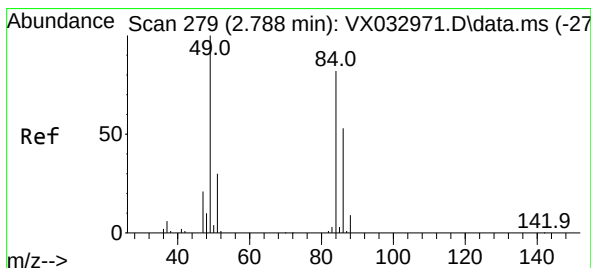
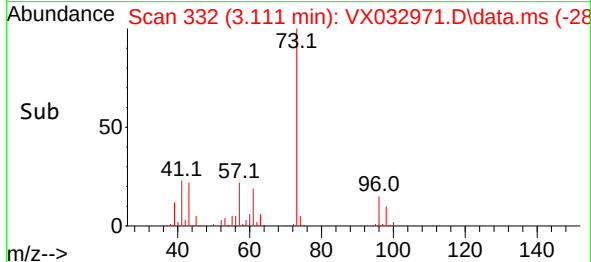
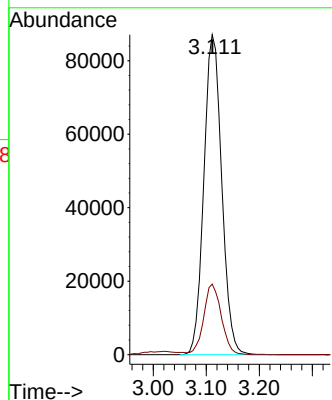
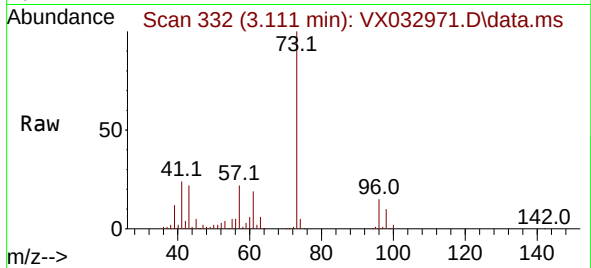
#19
Methyl tert-butyl Ether
Concen: 43.401 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 203610
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0

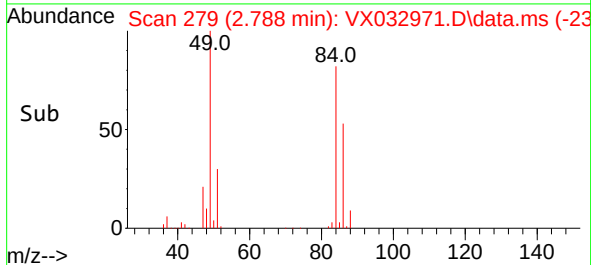
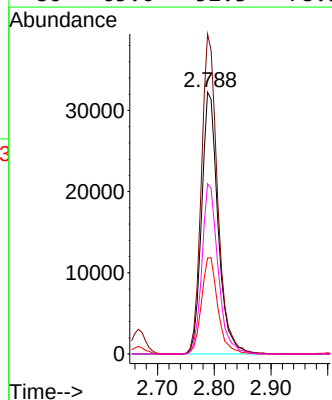
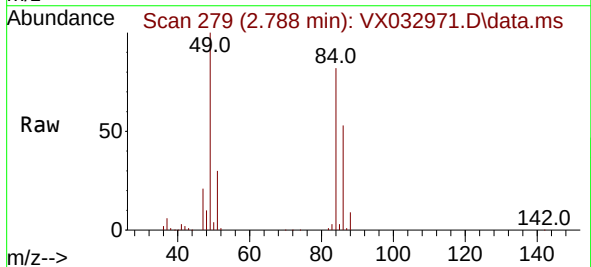
Manual Integrations
APPROVED

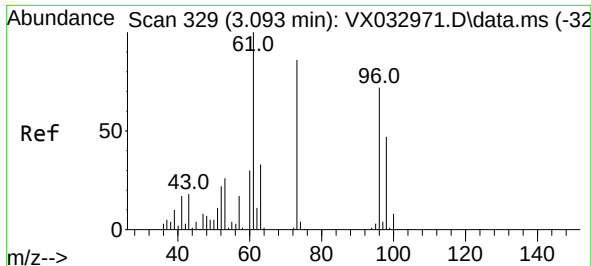
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 42.035 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

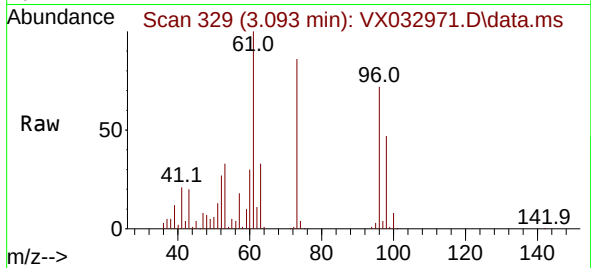
Tgt Ion: 84 Resp: 64782
Ion Ratio Lower Upper
84 100
49 122.3 101.0 151.6
51 36.6 31.1 46.7
86 65.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 44.794 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

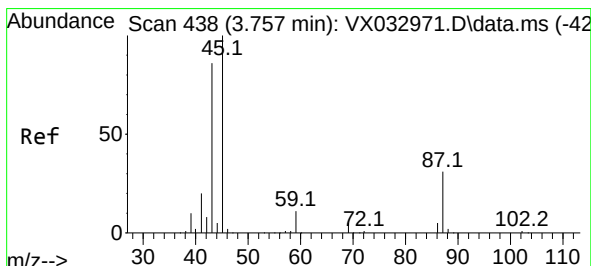
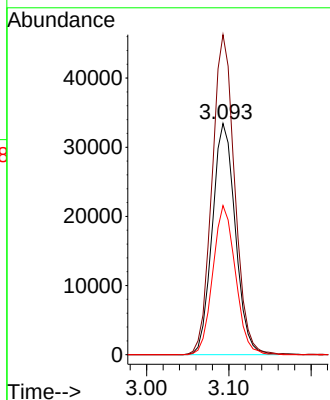
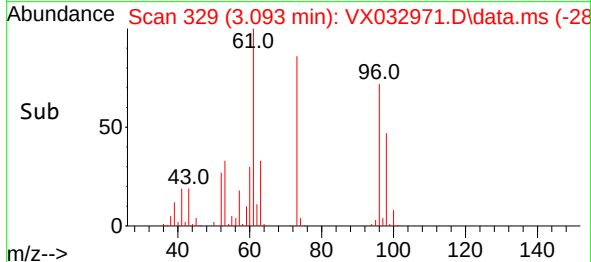
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 65083
Ion Ratio Lower Upper
96 100
61 138.4 106.6 160.0
98 64.5 51.0 76.6

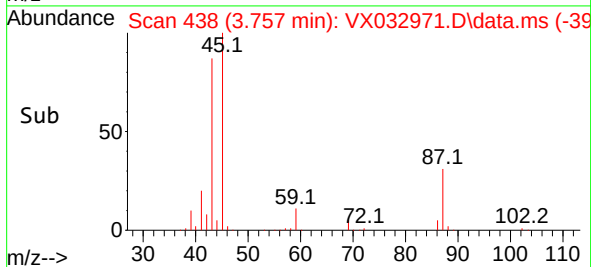
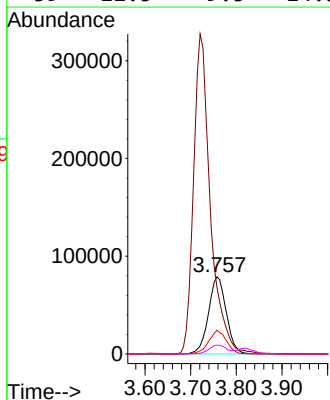
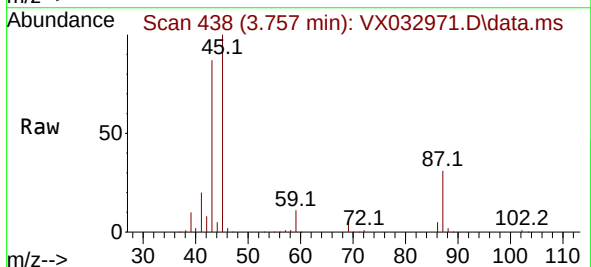
Manual Integrations
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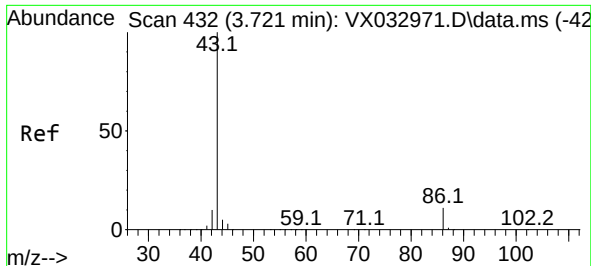
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 46.294 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 45 Resp: 213066
Ion Ratio Lower Upper
45 100
43 86.4 56.4 84.6#
87 30.6 24.4 36.6
59 11.5 9.5 14.3





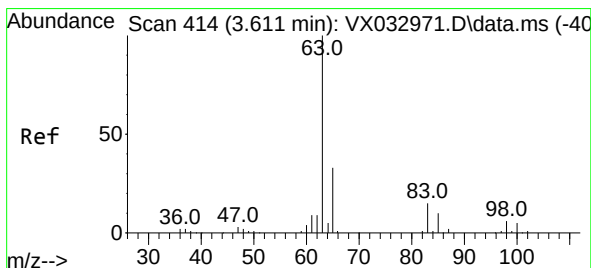
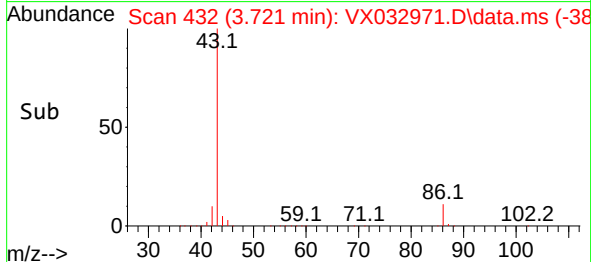
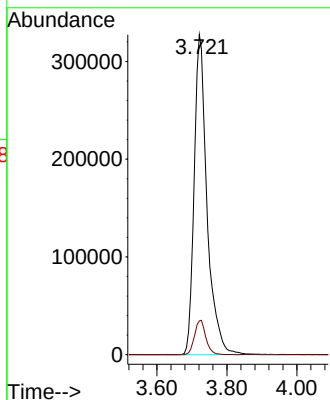
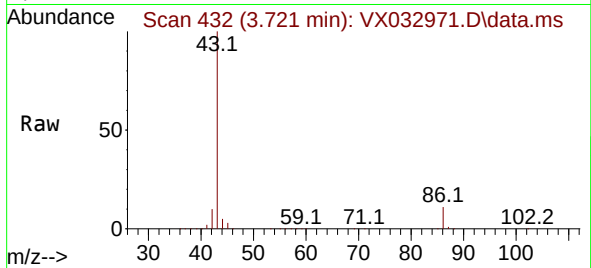
#23
 Vinyl Acetate
 Concen: 225.292 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032971.D
 Acq: 22 Nov 2022 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 83772
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

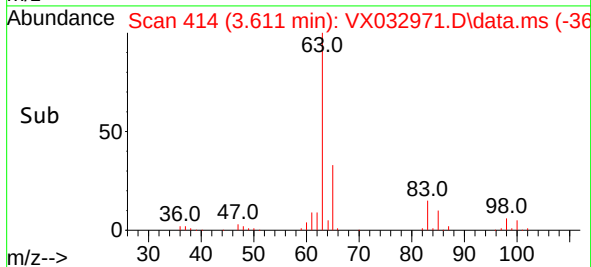
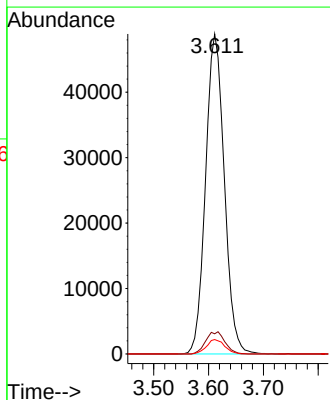
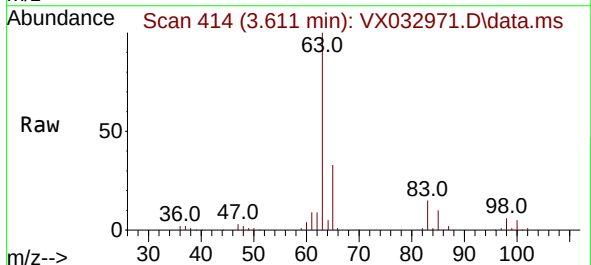
Manual Integrations
 APPROVED

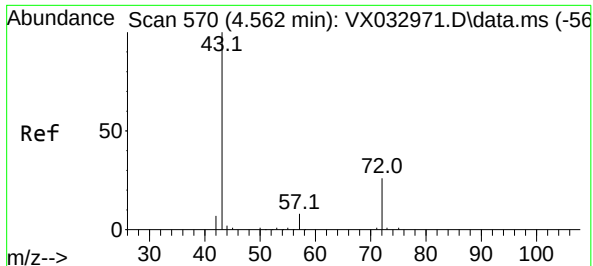
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 43.747 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032971.D
 Acq: 22 Nov 2022 10:38

Tgt Ion: 63 Resp: 115810
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.5 2.3 6.8





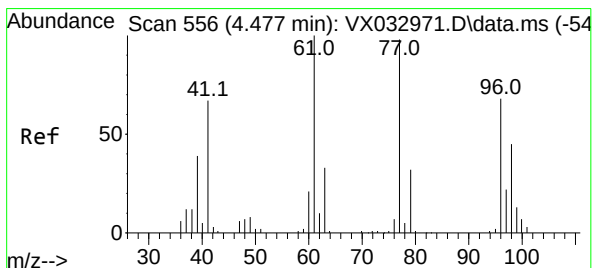
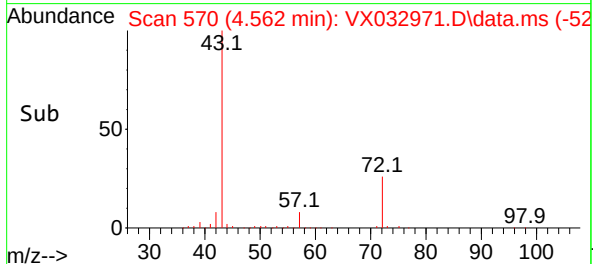
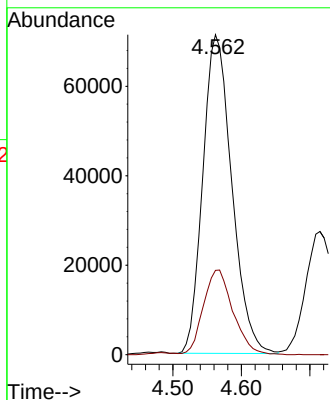
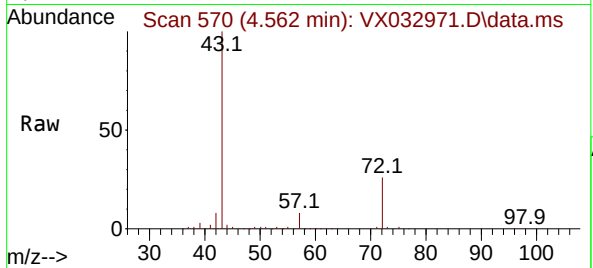
#25
2-Butanone
Concen: 201.193 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 209518
Ion Ratio Lower Upper
43 100
72 26.3 22.2 33.2

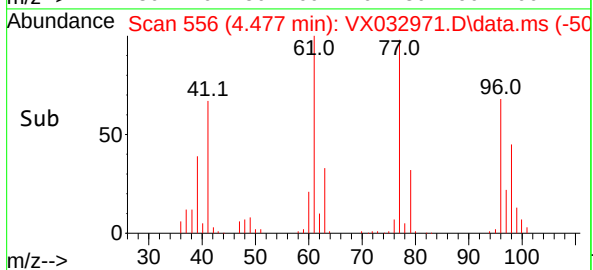
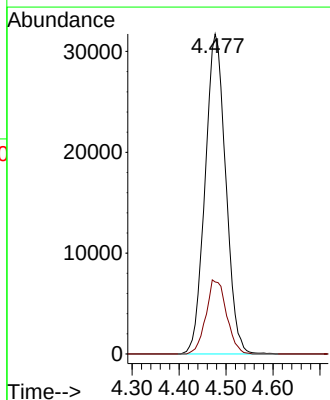
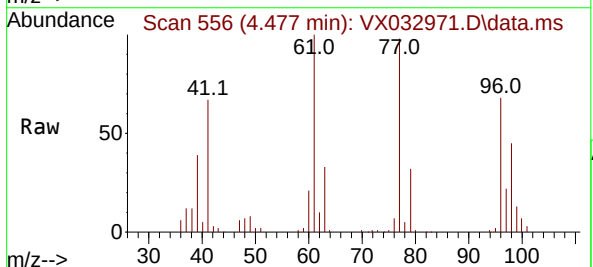
Manual Integrations
APPROVED

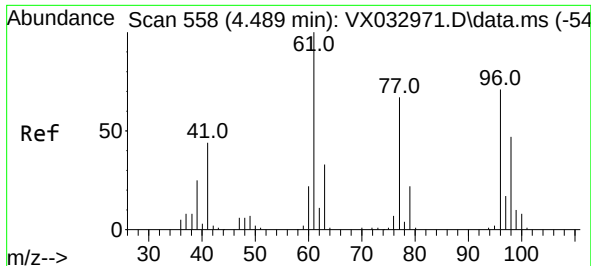
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#26
2,2-Dichloropropane
Concen: 45.932 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 77 Resp: 96658
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





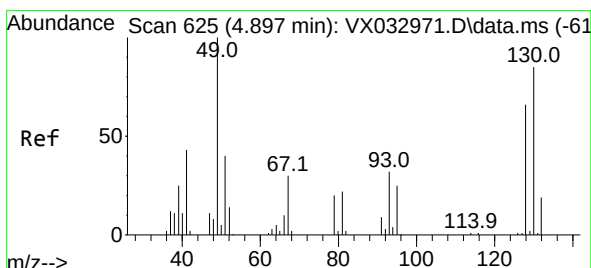
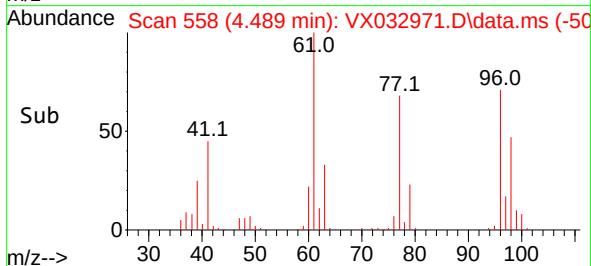
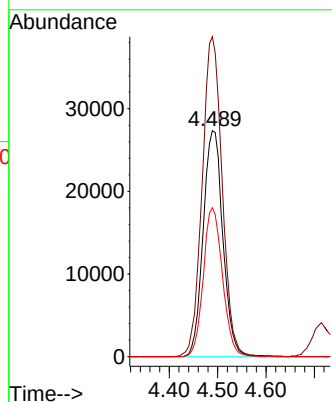
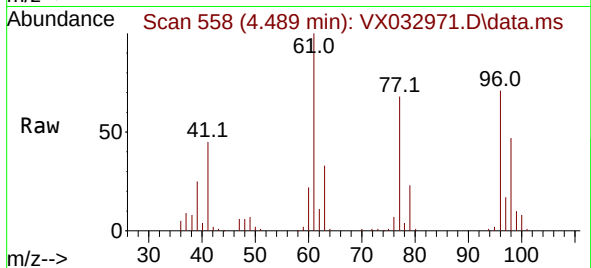
#27
 cis-1,2-Dichloroethene
 Concen: 46.061 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX032971.D
 Acq: 22 Nov 2022 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 7735
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 286.0
 98 64.0 0.0 129.6

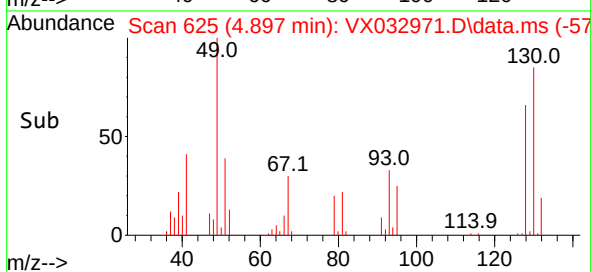
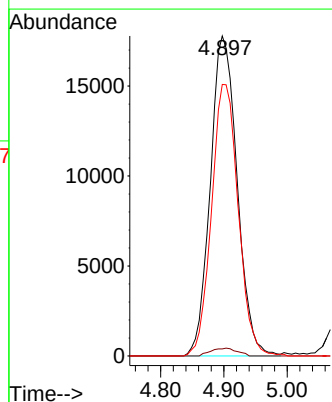
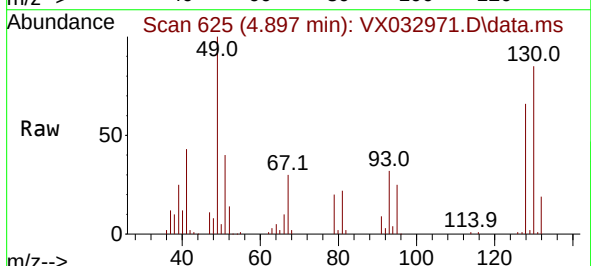
Manual Integrations
 APPROVED

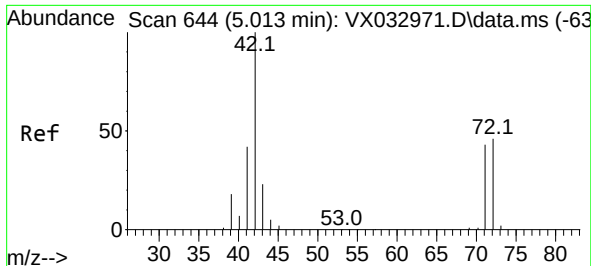
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#28
 Bromochloromethane
 Concen: 55.565 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX032971.D
 Acq: 22 Nov 2022 10:38

Tgt Ion: 49 Resp: 52395
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 84.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 196.417 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 130430

Ion Ratio Lower Upper

42 100

72 47.1 37.6 56.4

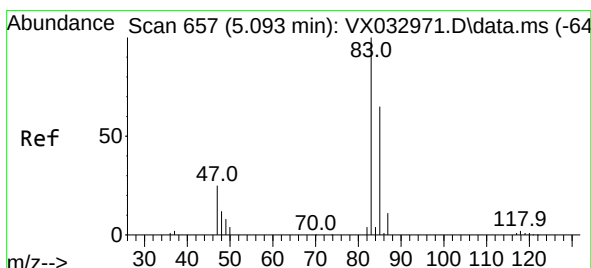
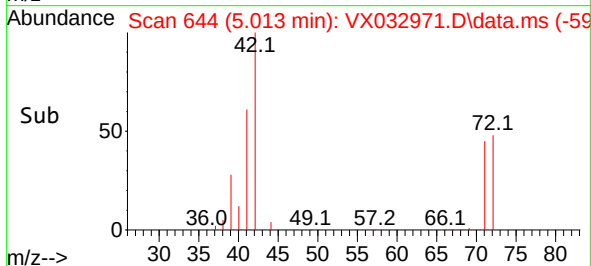
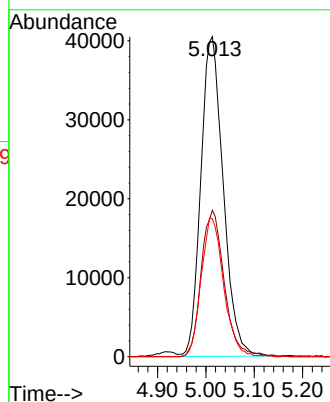
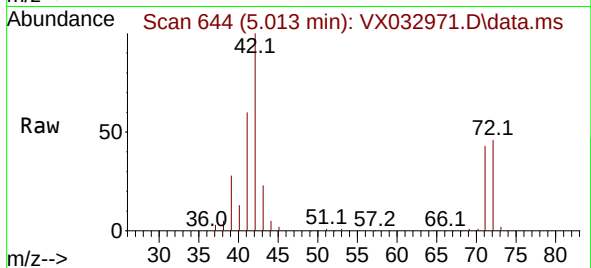
71 43.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 45.974 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032971.D

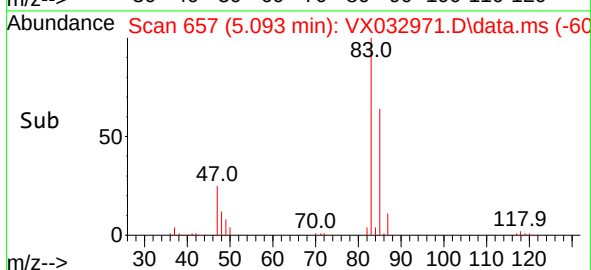
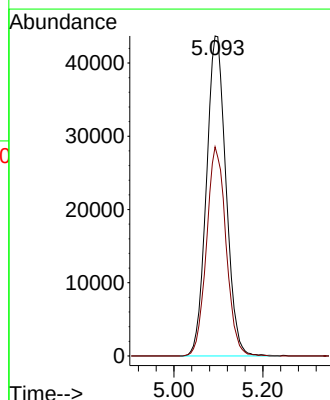
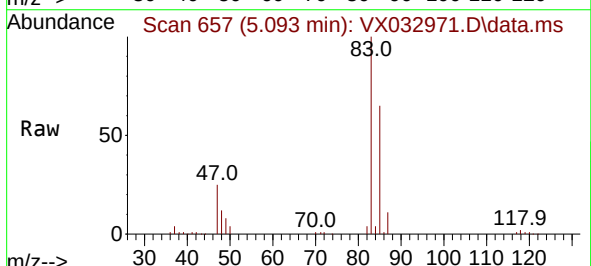
Acq: 22 Nov 2022 10:38

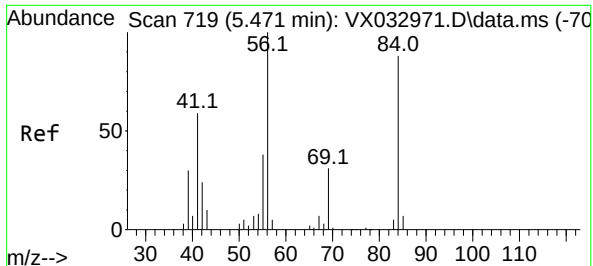
Tgt Ion: 83 Resp: 133548

Ion Ratio Lower Upper

83 100

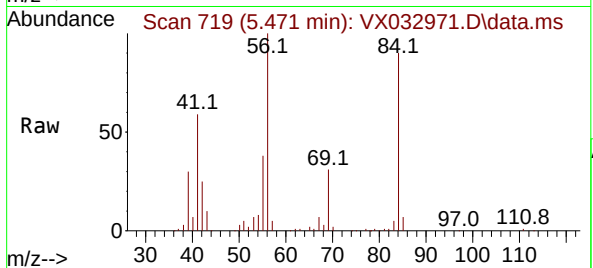
85 65.4 51.1 76.7





#31
Cyclohexane
Concen: 47.643 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

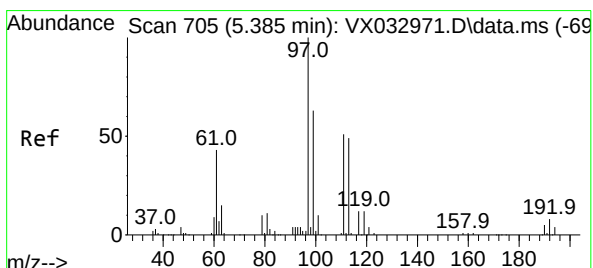
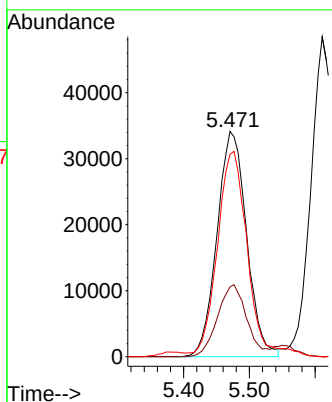
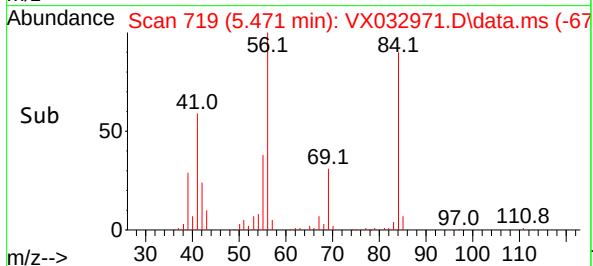
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 10683
Ion Ratio Lower Upper
56 100
69 31.0 24.1 36.1
84 87.9 66.9 100.3

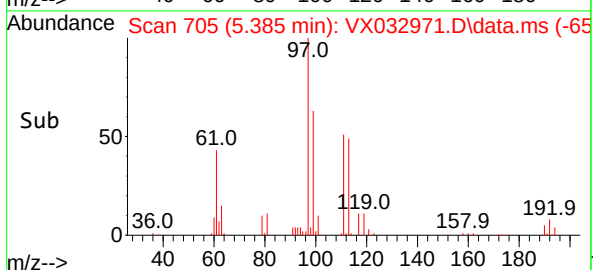
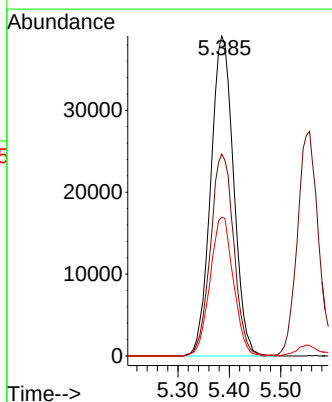
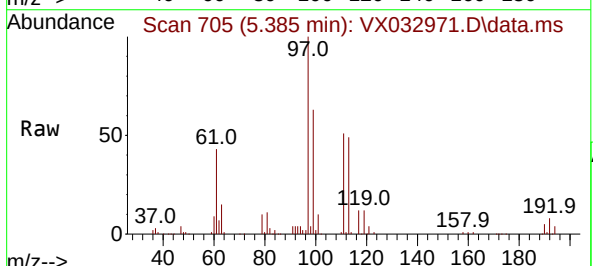
Manual Integrations
APPROVED

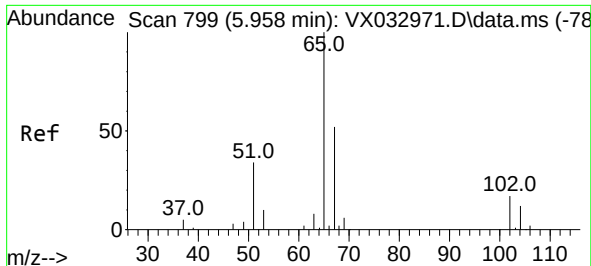
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#32
1,1,1-Trichloroethane
Concen: 46.387 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 97 Resp: 120918
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 44.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 35.060 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 64839

Ion Ratio Lower Upper

65 100

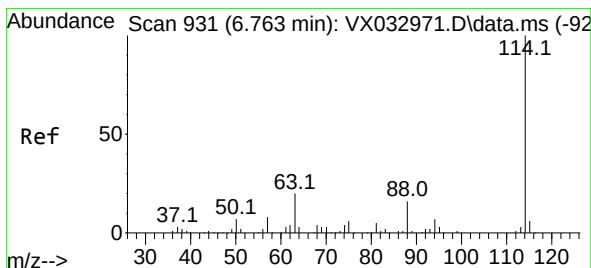
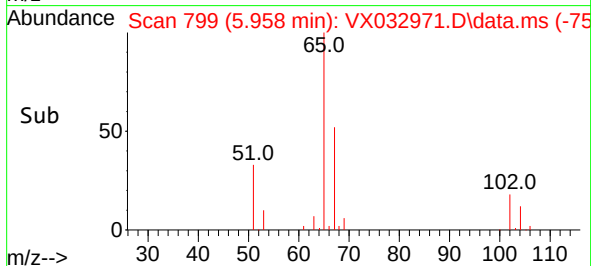
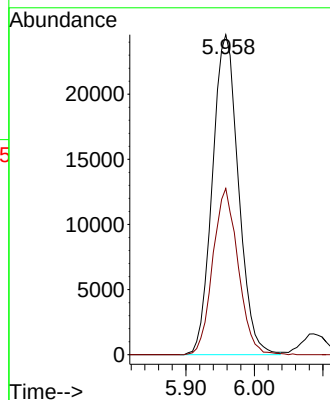
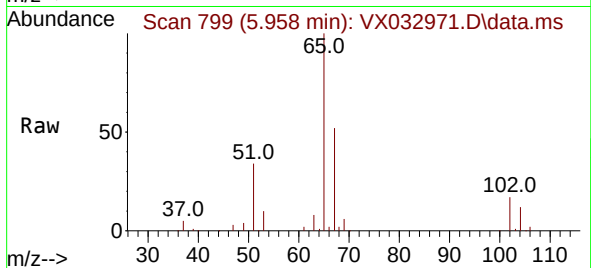
67 50.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

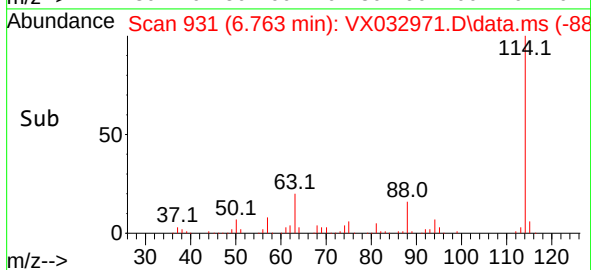
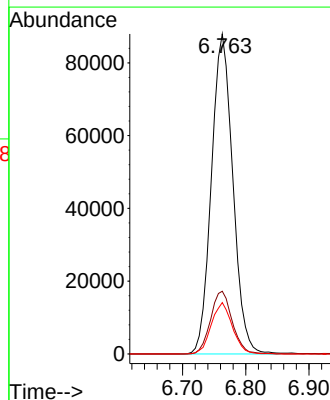
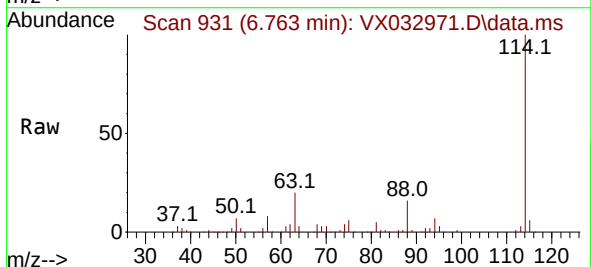
Tgt Ion:114 Resp: 206742

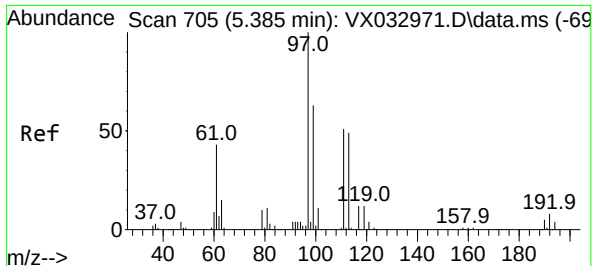
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 37.648 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 55520

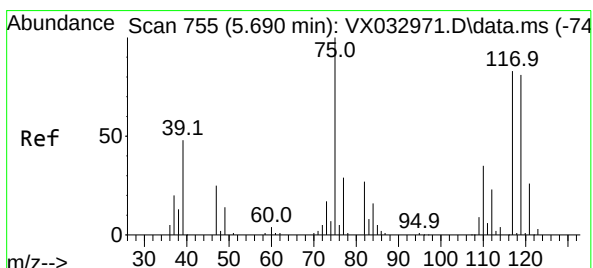
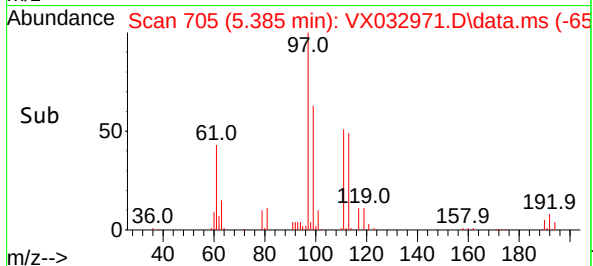
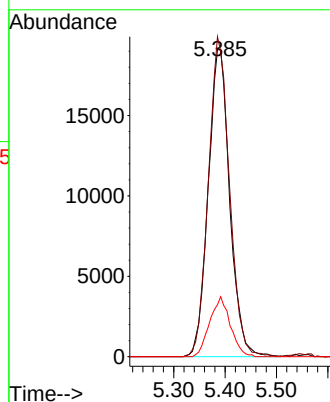
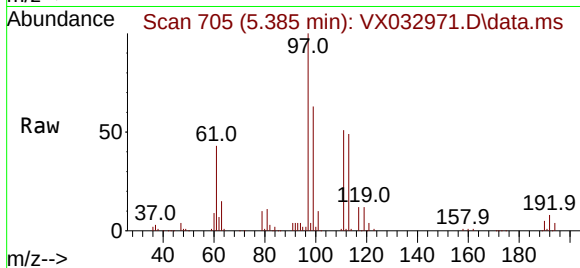
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	18.7	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 46.470 ug/l

RT: 5.690 min Scan# 755

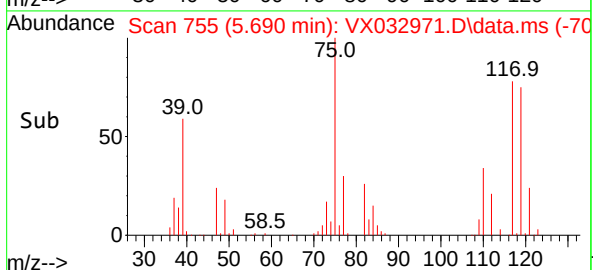
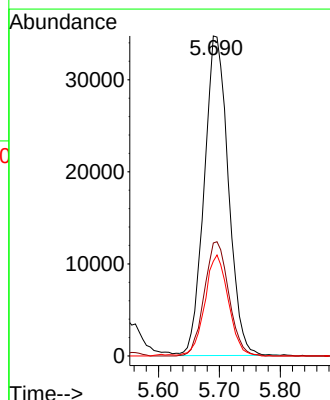
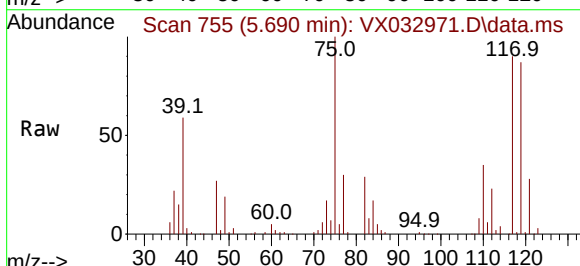
Delta R.T. -0.006 min

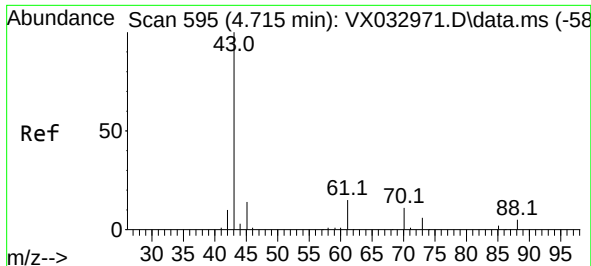
Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Tgt Ion: 75 Resp: 95432

Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.4	55.2
77	30.8	24.5	36.7





#37

Ethyl Acetate

Concen: 39.155 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 83698

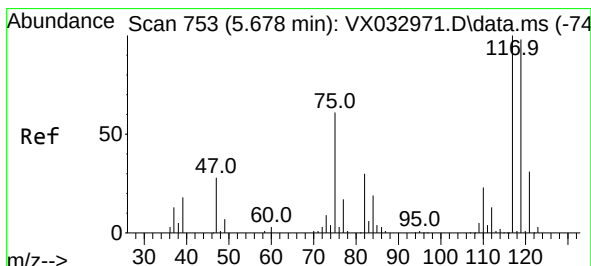
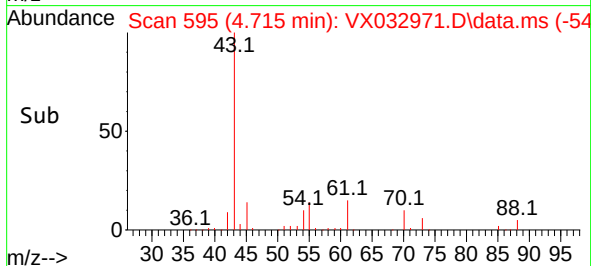
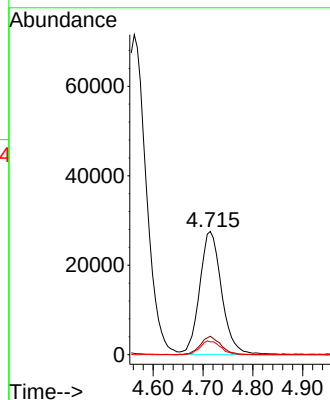
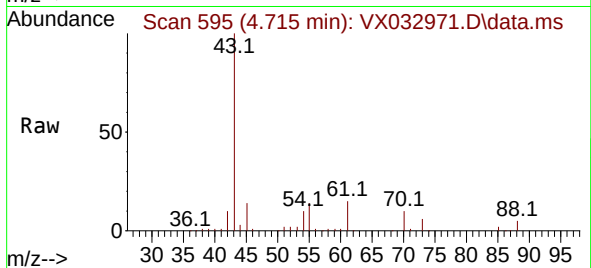
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.5	17.3
70	10.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 46.781 ug/l

RT: 5.678 min Scan# 753

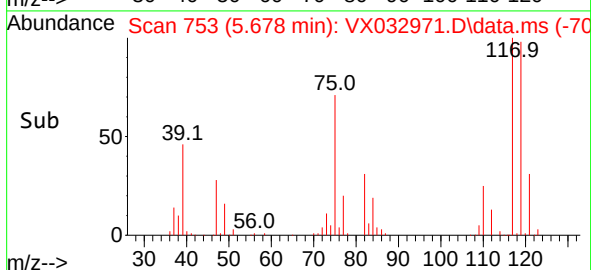
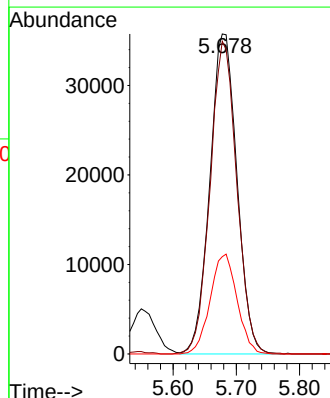
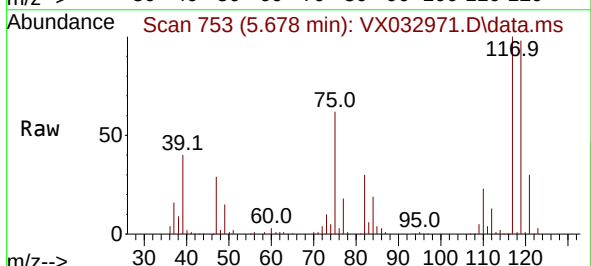
Delta R.T. -0.006 min

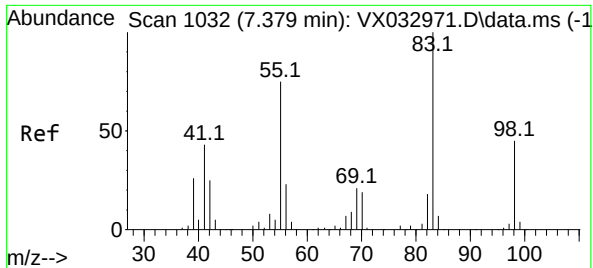
Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Tgt Ion:117 Resp: 106555

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.2	115.8
121	30.4	25.8	38.6





#39

Methylcyclohexane

Concen: 45.148 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 10969

Ion Ratio Lower Upper

83 100

55 75.1 58.4 87.6

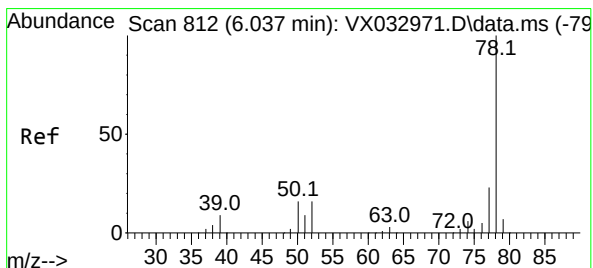
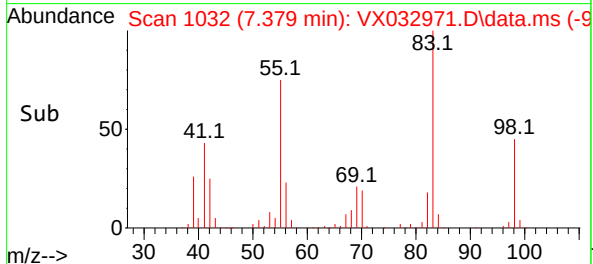
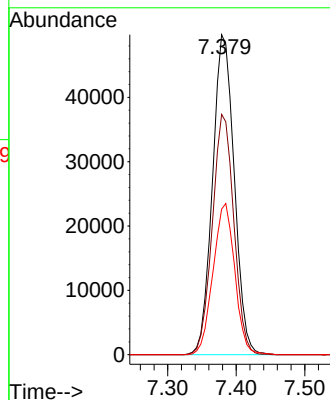
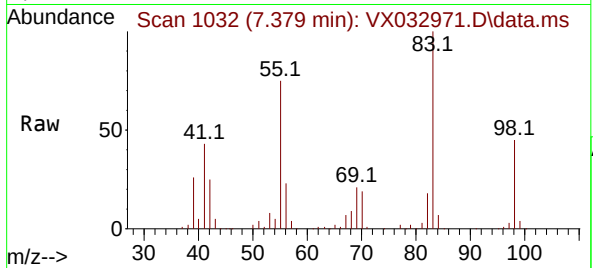
98 45.5 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 46.273 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032971.D

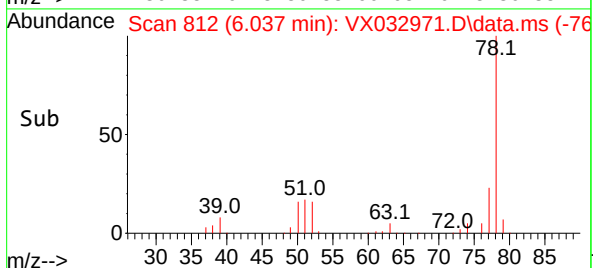
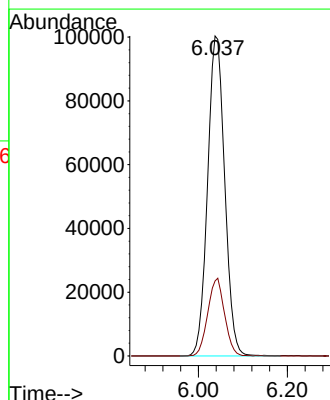
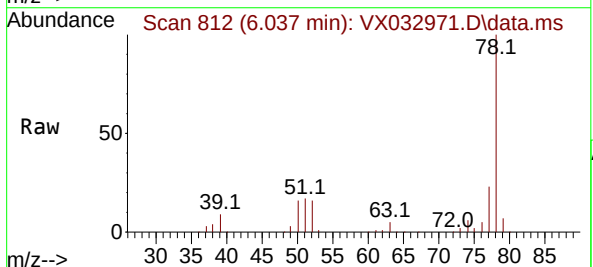
Acq: 22 Nov 2022 10:38

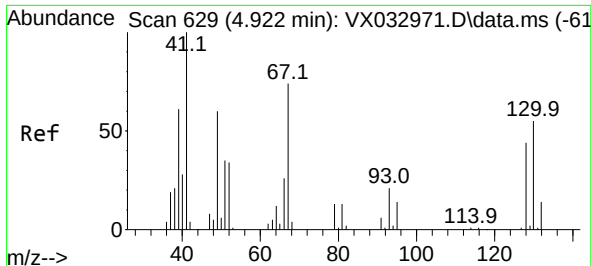
Tgt Ion: 78 Resp: 268907

Ion Ratio Lower Upper

78 100

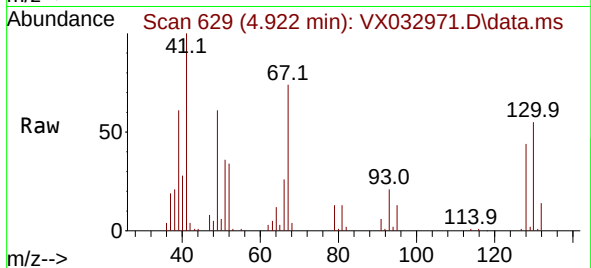
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 43.341 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

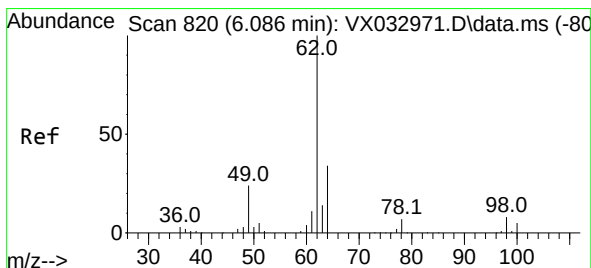
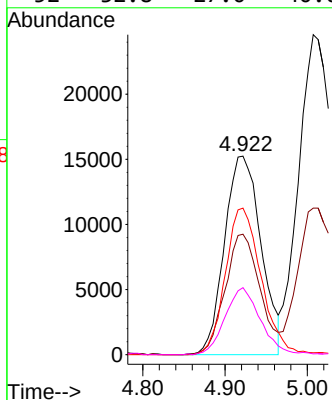
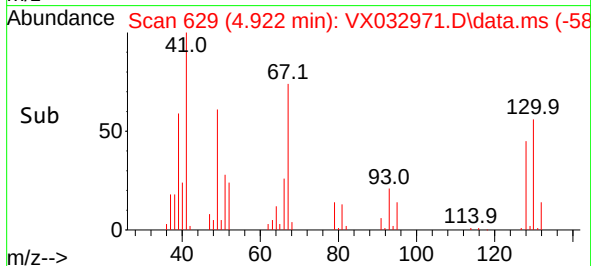
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 47190
Ion Ratio Lower Upper
41 100
39 57.8 47.5 71.3
67 72.2 60.5 90.7
52 32.8 27.0 40.6

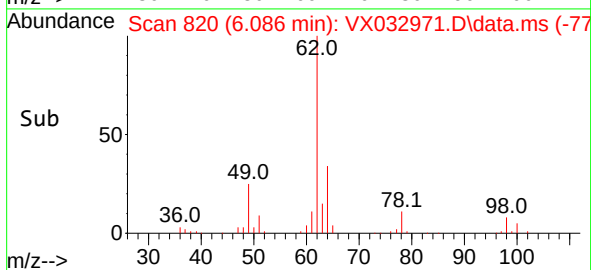
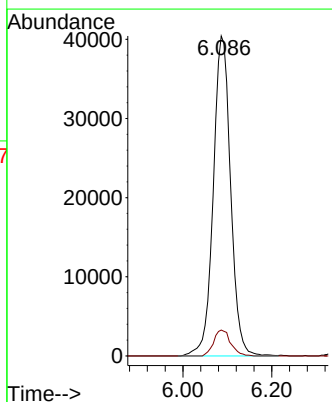
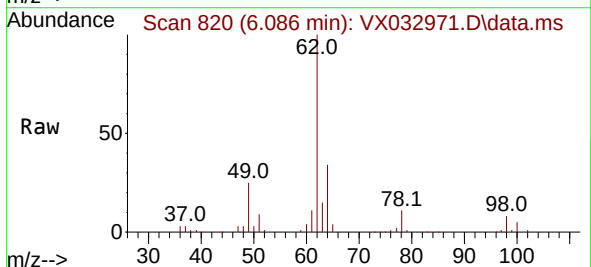
Manual Integrations
APPROVED

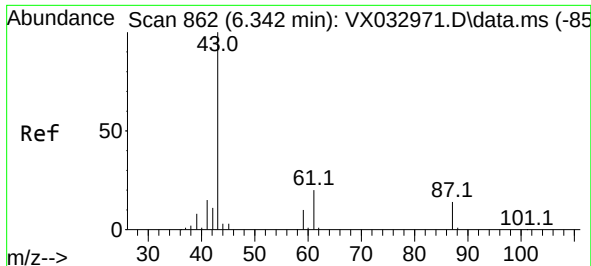
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 45.995 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

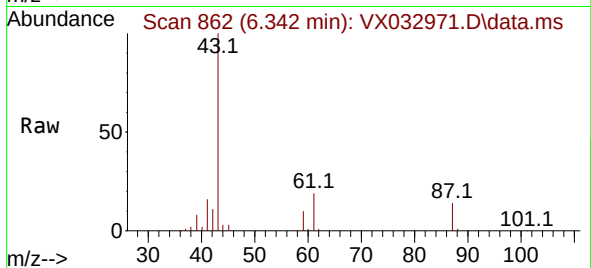
Tgt Ion: 62 Resp: 109263
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 42.505 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

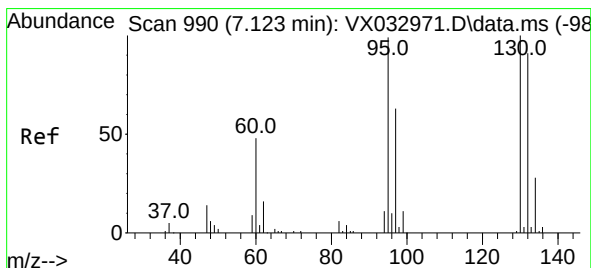
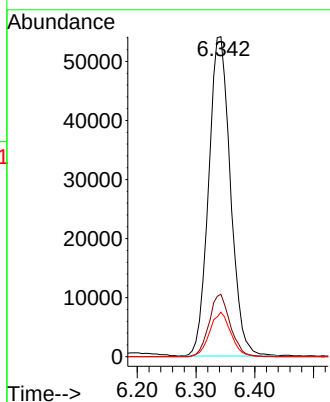
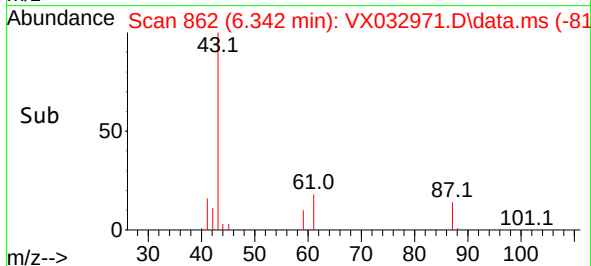
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 139500
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 13.5 10.8 16.2

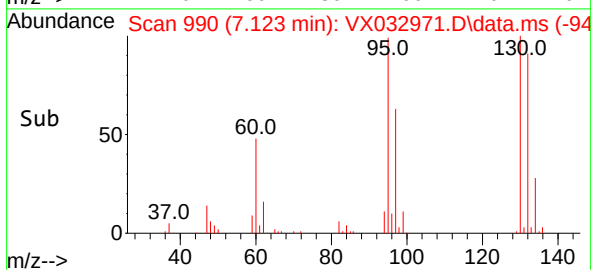
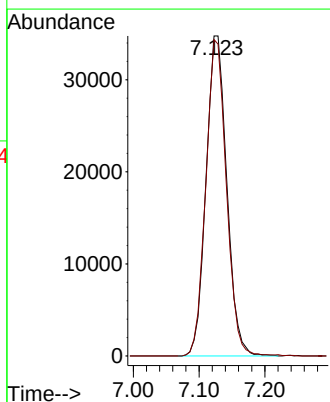
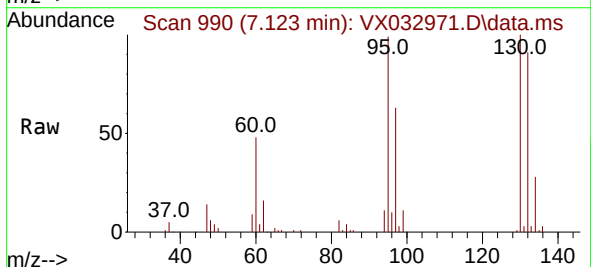
Manual Integrations
APPROVED

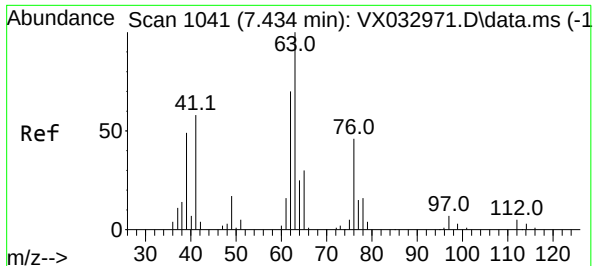
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#44
Trichloroethene
Concen: 46.701 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:130 Resp: 76400
Ion Ratio Lower Upper
130 100
95 98.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 45.432 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 67774

Ion Ratio Lower Upper

63 100

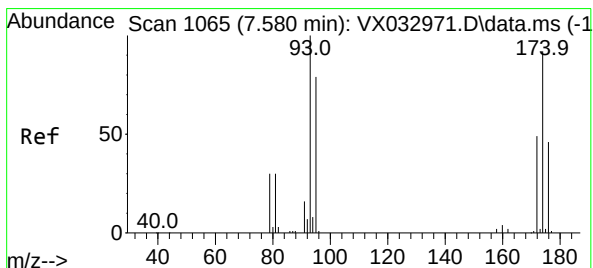
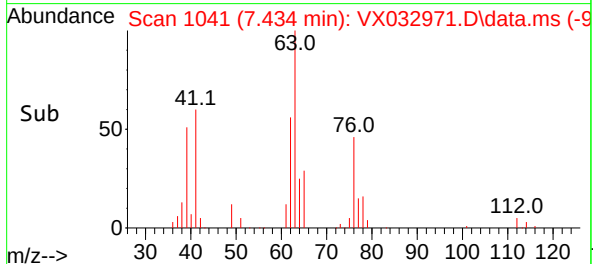
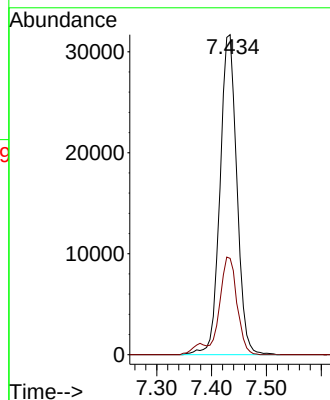
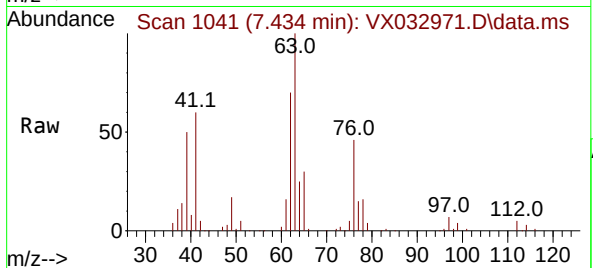
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 45.067 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

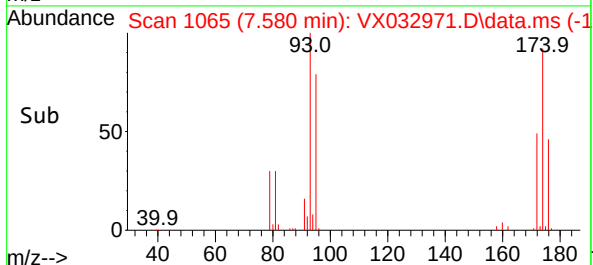
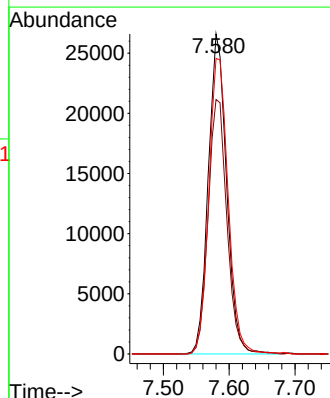
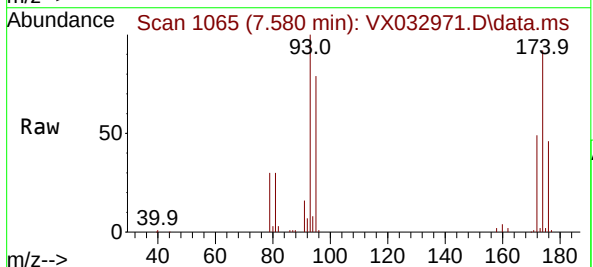
Tgt Ion: 93 Resp: 51559

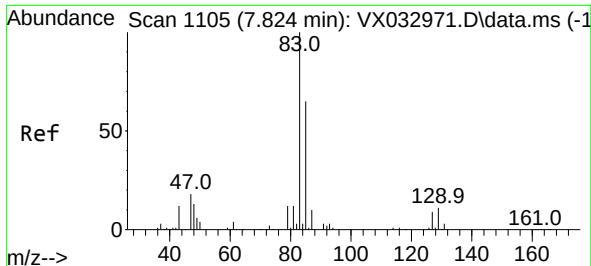
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.8

174 97.7 79.8 119.6





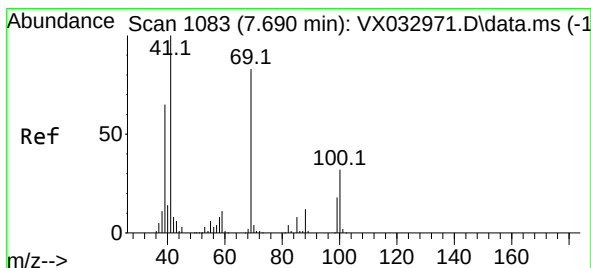
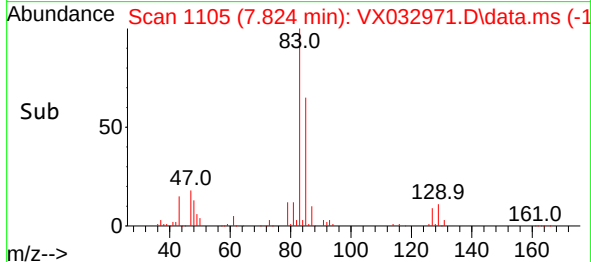
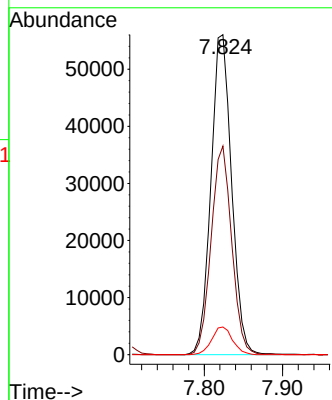
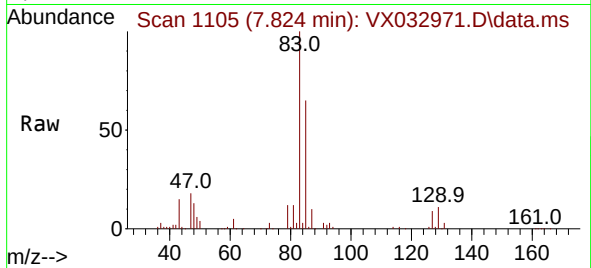
#47
Bromodichloromethane
Concen: 47.383 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 102740
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4
127 8.6 7.4 11.2

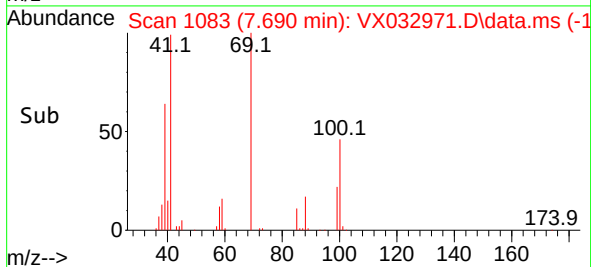
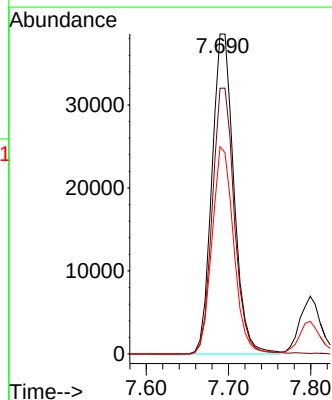
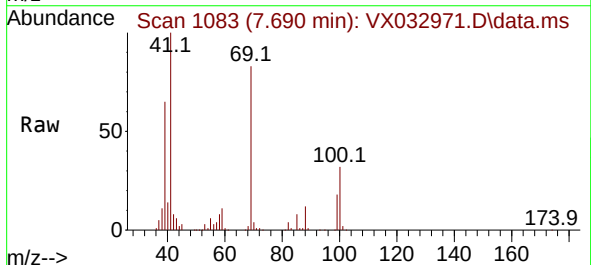
Manual Integrations
APPROVED

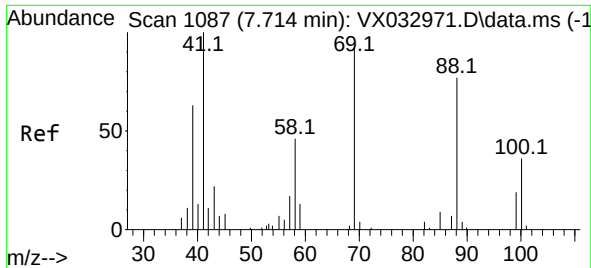
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 42.299 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 41 Resp: 71701
Ion Ratio Lower Upper
41 100
69 83.2 65.1 97.7
39 63.9 51.9 77.9





#49

1,4-Dioxane

Concen: 809.063 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.043 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 26130

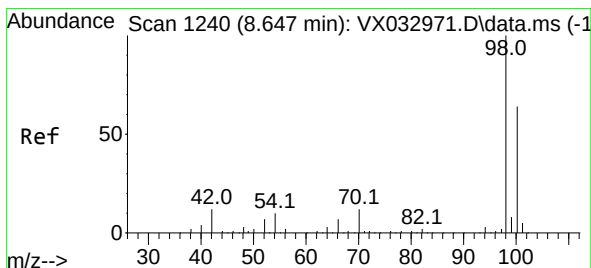
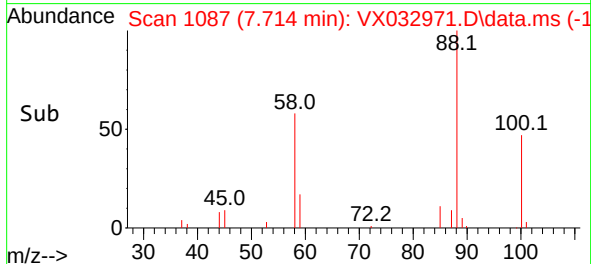
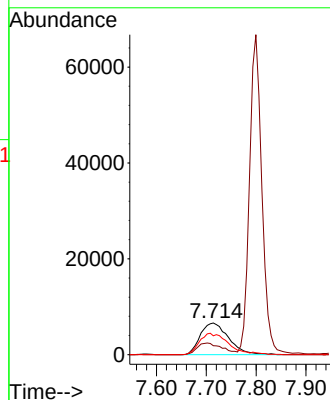
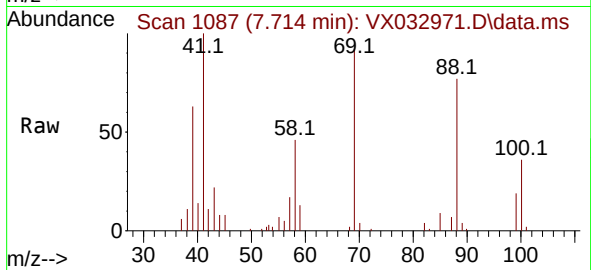
Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.6	39.8
58	67.0	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 33.880 ug/l

RT: 8.647 min Scan# 1240

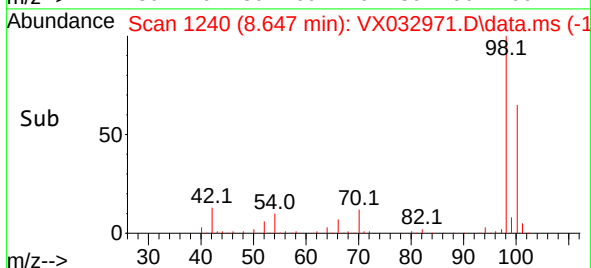
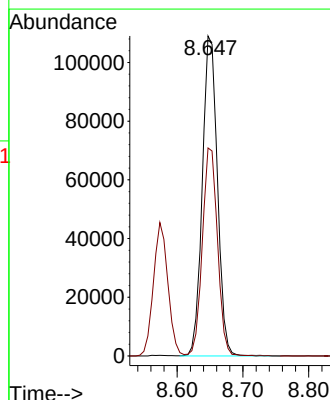
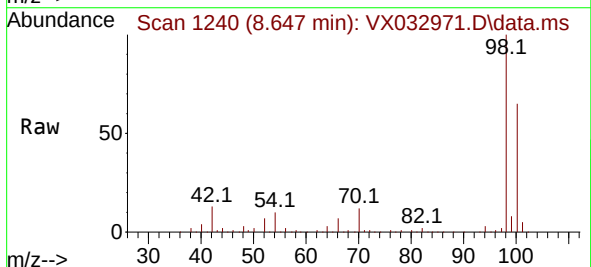
Delta R.T. -0.006 min

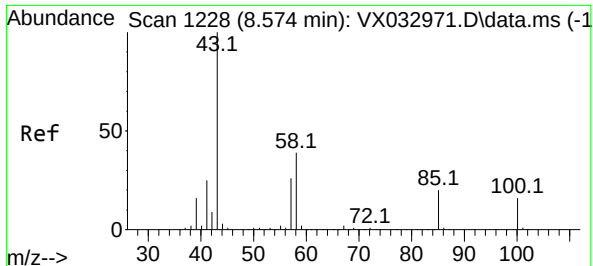
Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Tgt Ion: 98 Resp: 173735

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.9	76.3





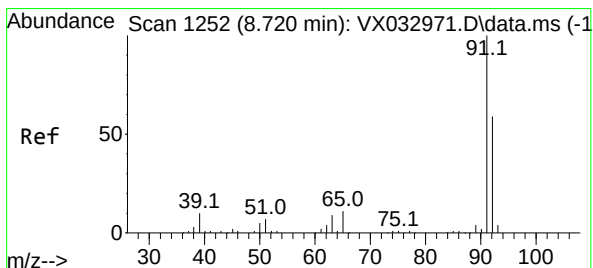
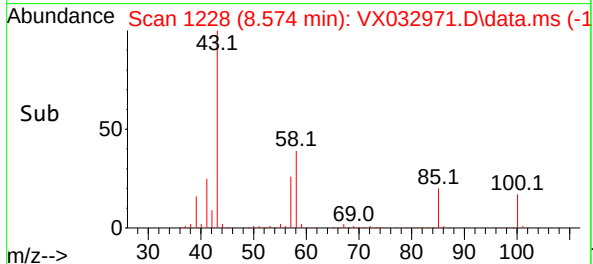
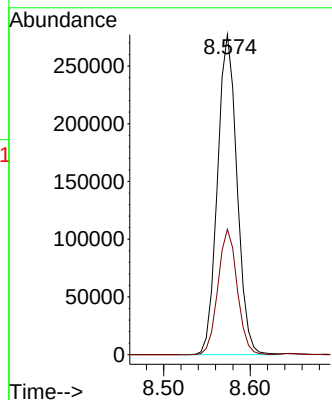
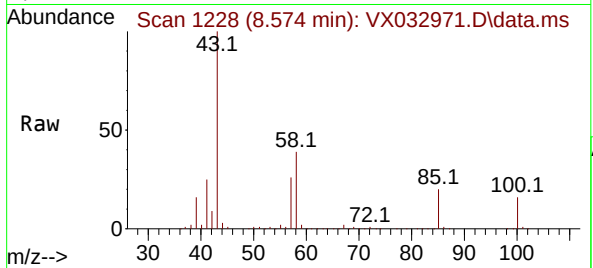
#51
4-Methyl-2-Pentanone
Concen: 209.921 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 433979
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3

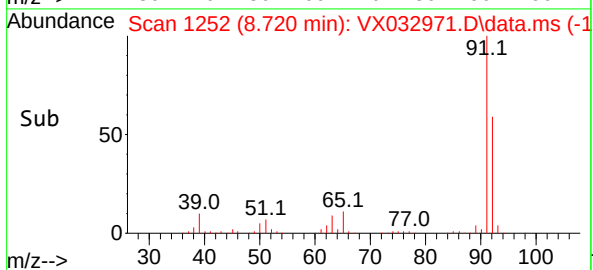
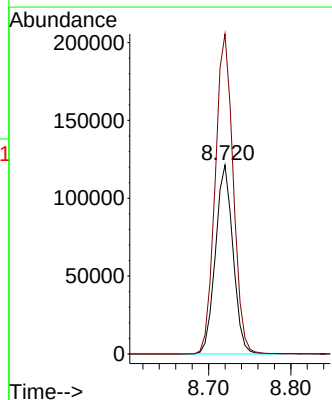
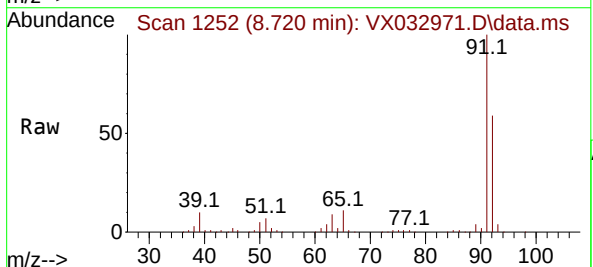
Manual Integrations
APPROVED

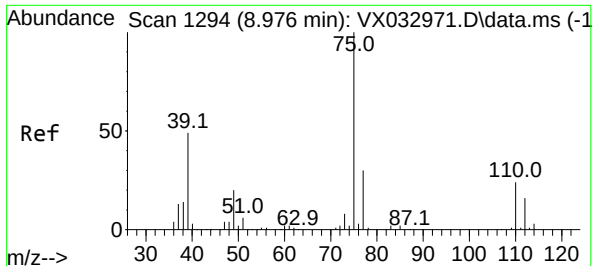
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 47.437 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 92 Resp: 179857
Ion Ratio Lower Upper
92 100
91 173.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 48.573 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 107459

Ion Ratio Lower Upper

75 100

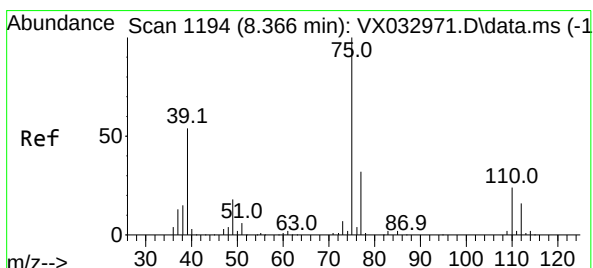
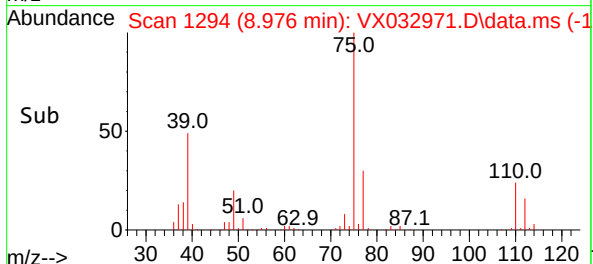
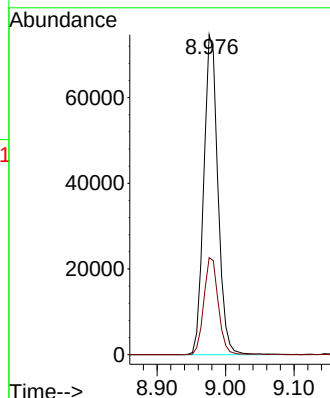
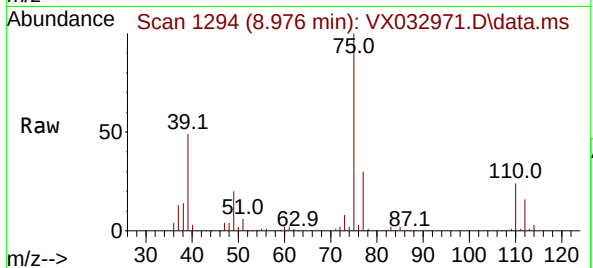
77 30.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#54

cis-1,3-Dichloropropene

Concen: 47.954 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

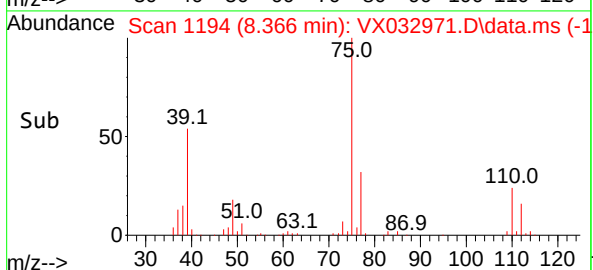
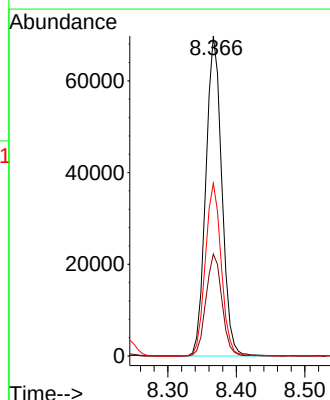
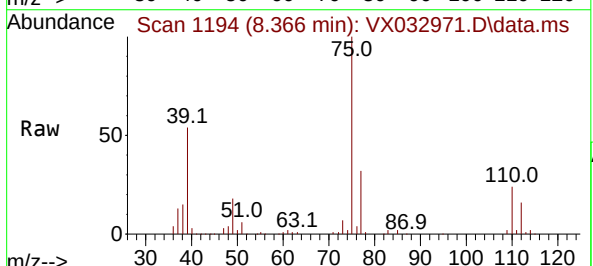
Tgt Ion: 75 Resp: 113472

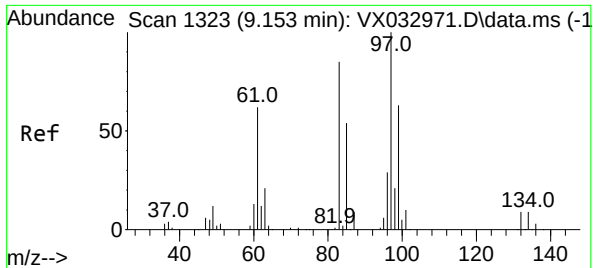
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 54.0 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 44.826 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

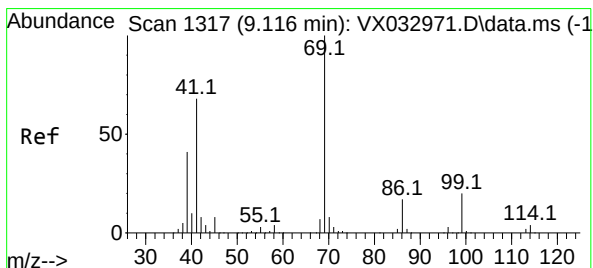
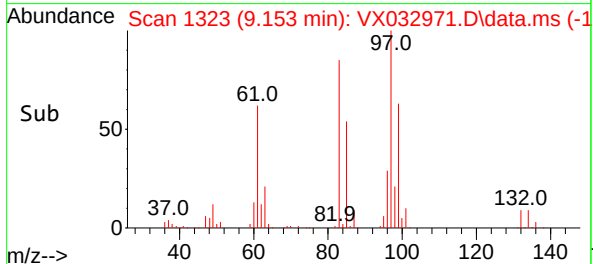
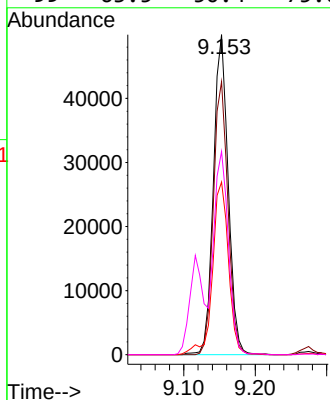
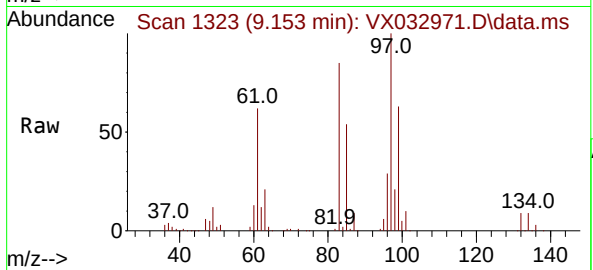
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 7157

Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	54.0	43.3	64.9
99	63.5	50.4	75.6

Manual Integrations
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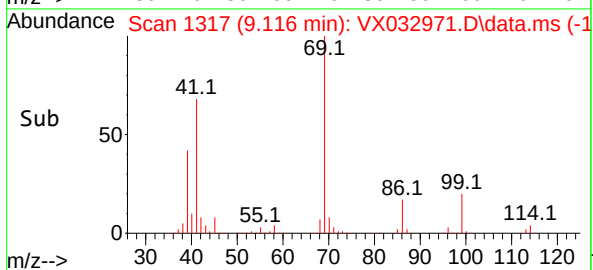
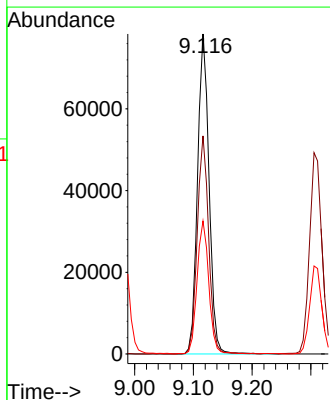
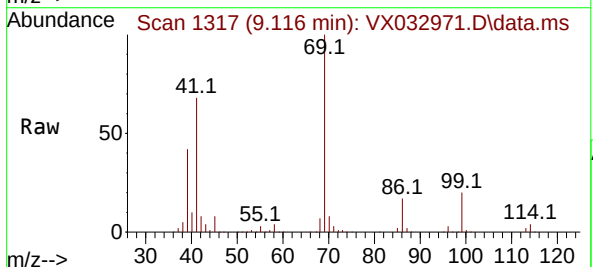
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

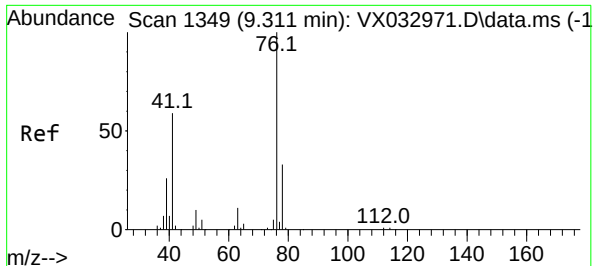


#56
Ethyl methacrylate
Concen: 46.245 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 69 Resp: 106263

Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.3	81.5
39	42.6	35.2	52.8





#57

1,3-Dichloropropane

Concen: 45.569 ug/l

RT: 9.311 min Scan# 11750

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 11750

Ion Ratio Lower Upper

76 100

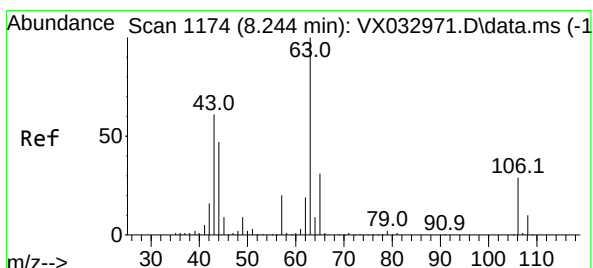
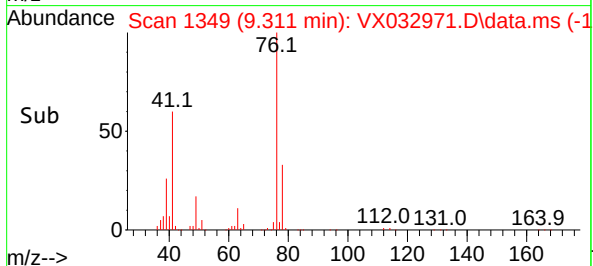
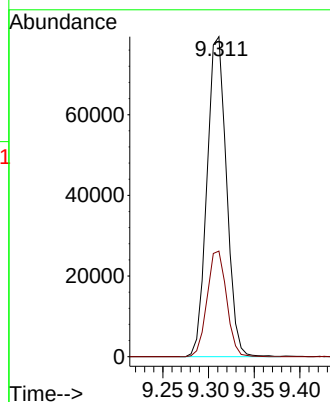
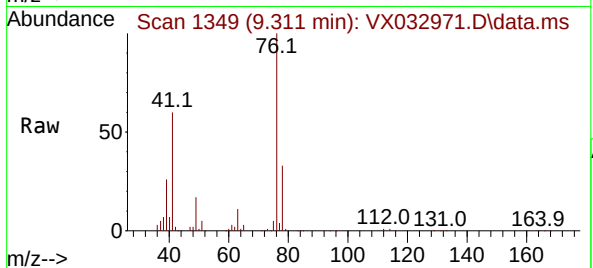
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 215.827 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032971.D

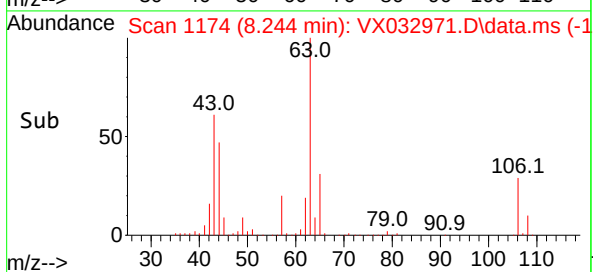
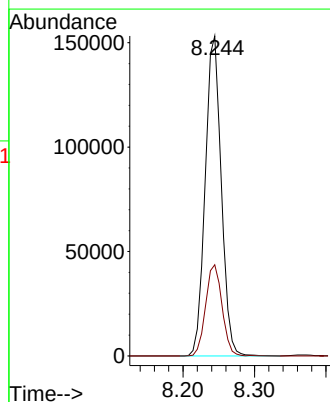
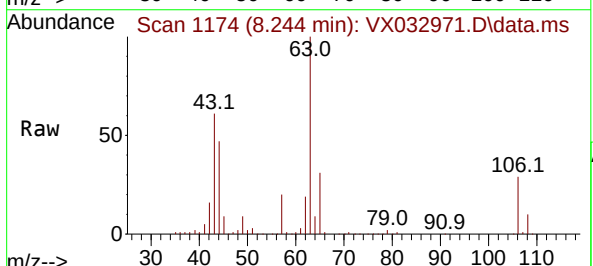
Acq: 22 Nov 2022 10:38

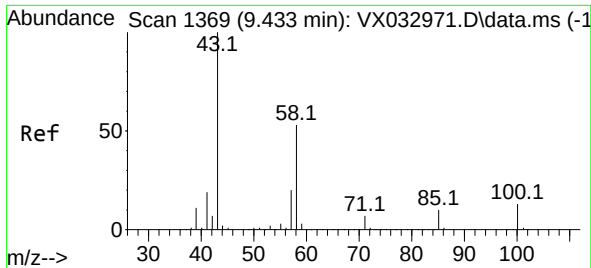
Tgt Ion: 63 Resp: 238799

Ion Ratio Lower Upper

63 100

106 29.2 23.3 34.9





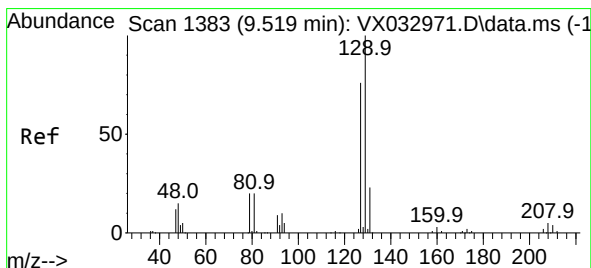
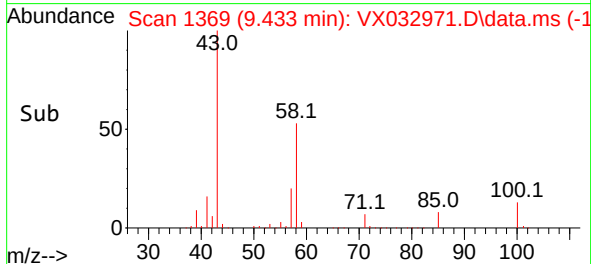
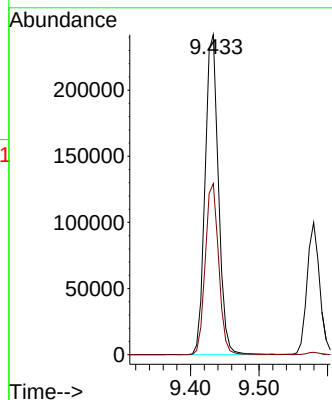
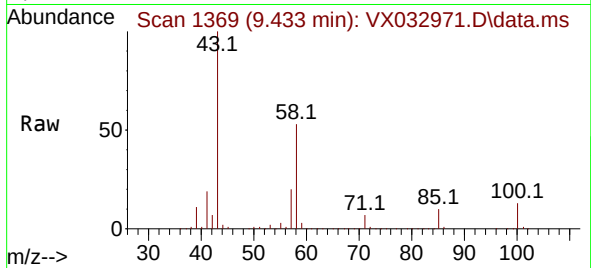
#59
2-Hexanone
Concen: 214.363 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 328828
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.5

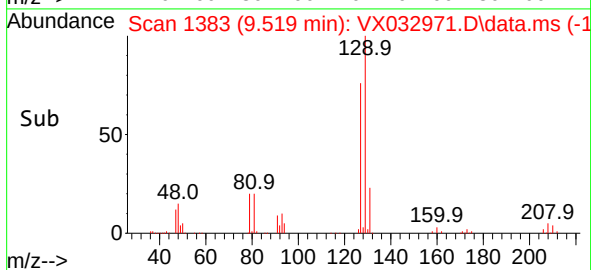
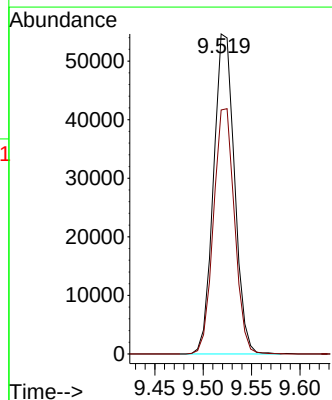
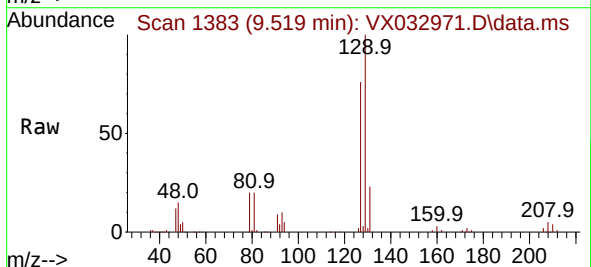
Manual Integrations
APPROVED

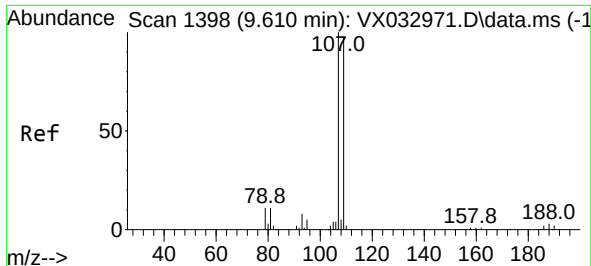
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 47.198 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:129 Resp: 82317
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





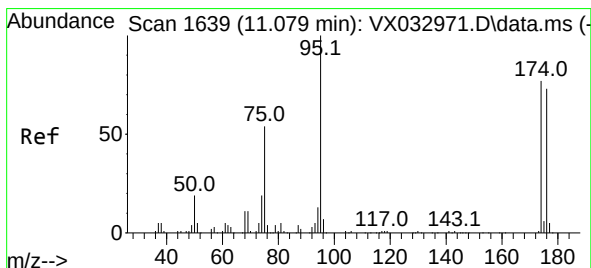
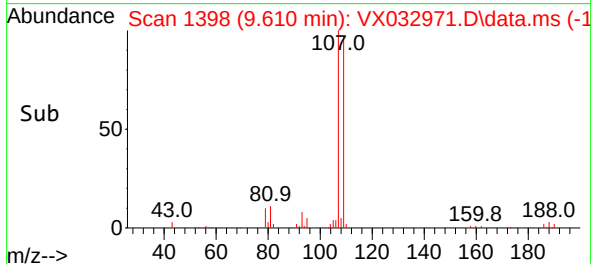
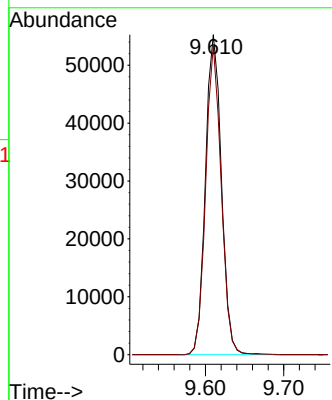
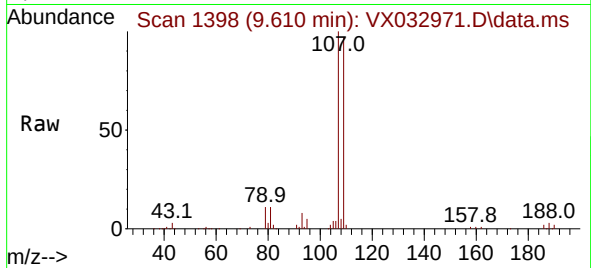
#61
1,2-Dibromoethane
Concen: 46.188 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 7814
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

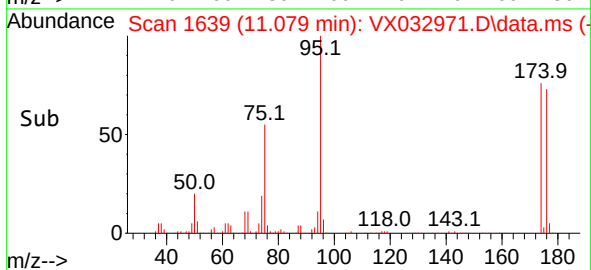
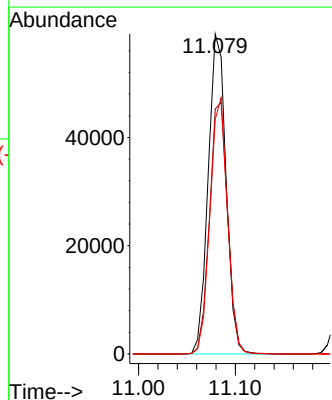
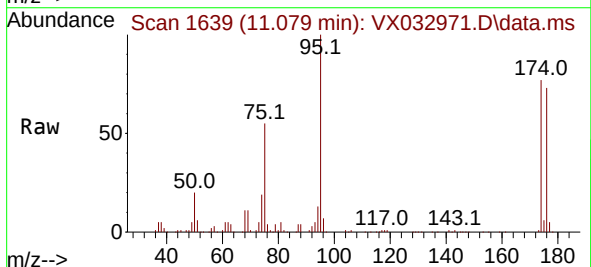
Manual Integrations
APPROVED

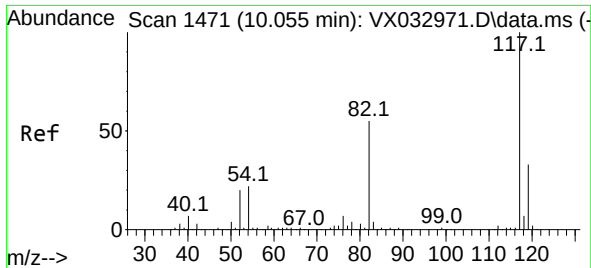
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 37.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

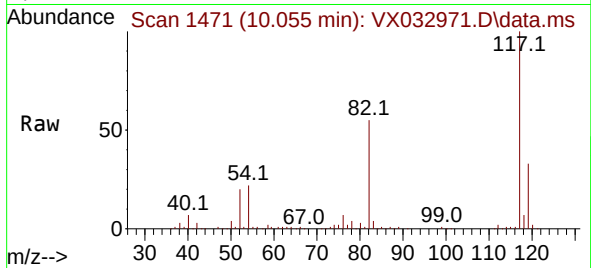
Tgt Ion: 95 Resp: 76032
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.0
176 78.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

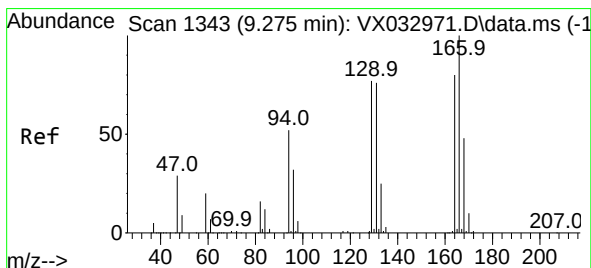
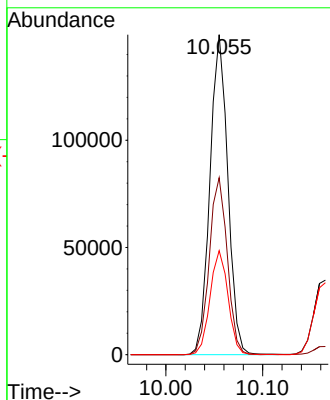
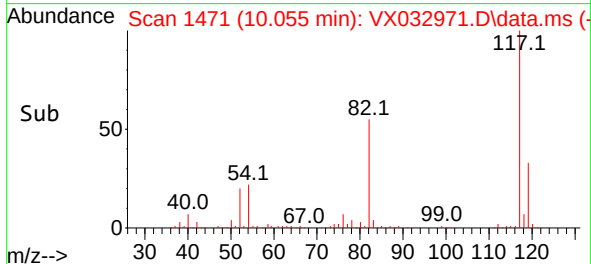
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 191702
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.5 25.7 38.5

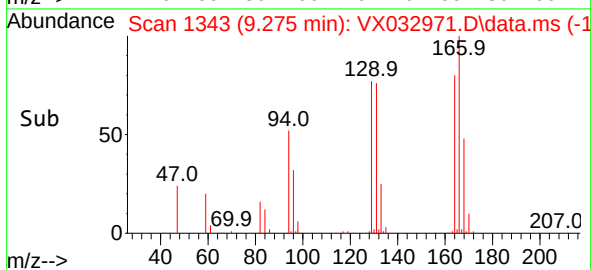
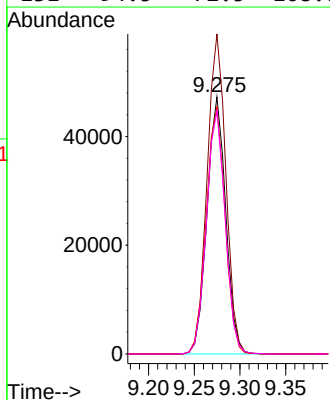
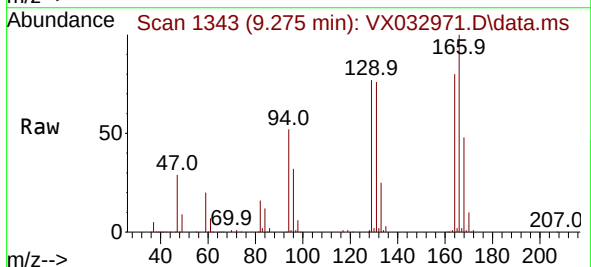
Manual Integrations
APPROVED

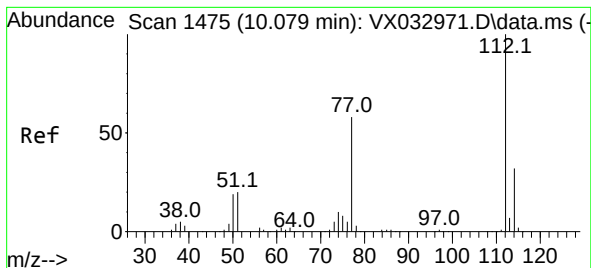
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 47.891 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:164 Resp: 67197
Ion Ratio Lower Upper
164 100
166 124.5 105.4 158.2
129 96.0 78.2 117.2
131 94.5 72.5 108.7





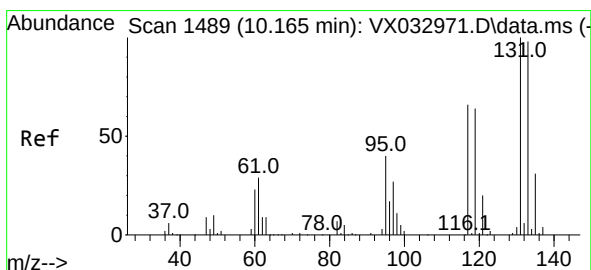
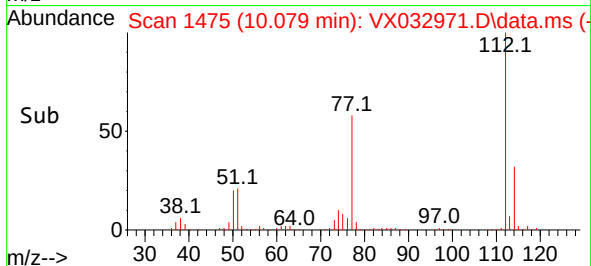
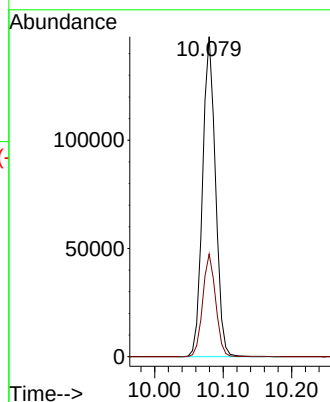
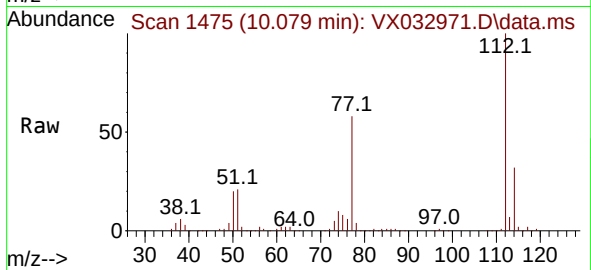
#65
Chlorobenzene
Concen: 45.240 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 19427
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

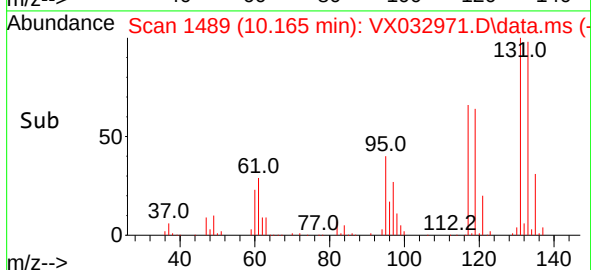
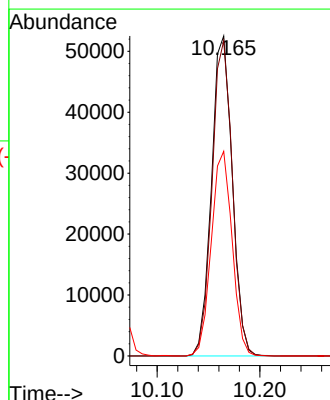
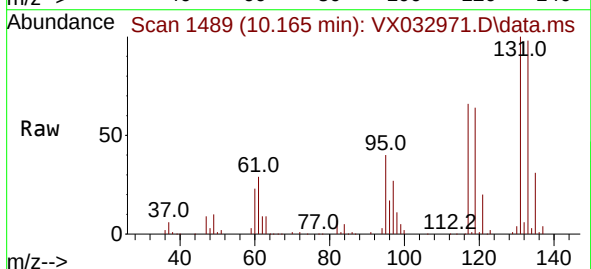
Manual Integrations
APPROVED

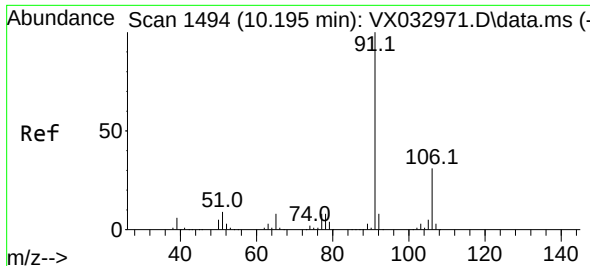
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 45.528 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:131 Resp: 73581
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.1 32.4 97.0





#67

Ethyl Benzene

Concen: 46.778 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 35921

Ion Ratio Lower Upper

91 100

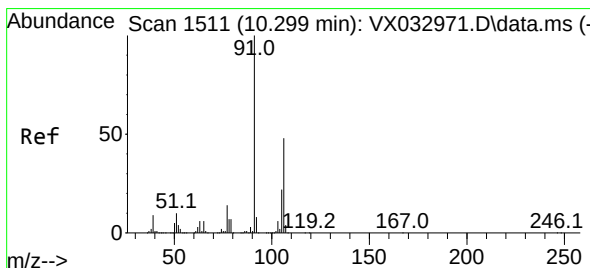
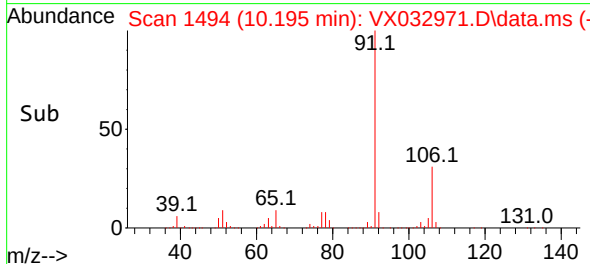
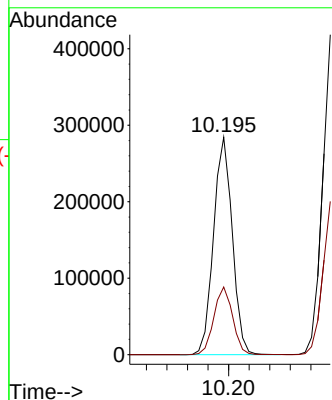
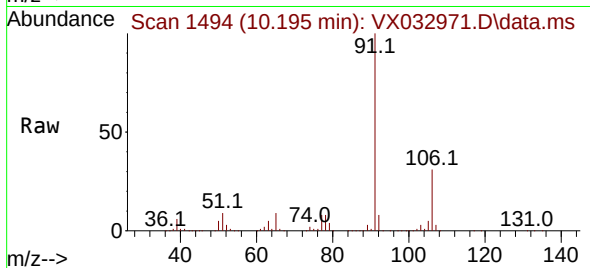
106 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#68

m/p-Xylenes

Concen: 93.609 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032971.D

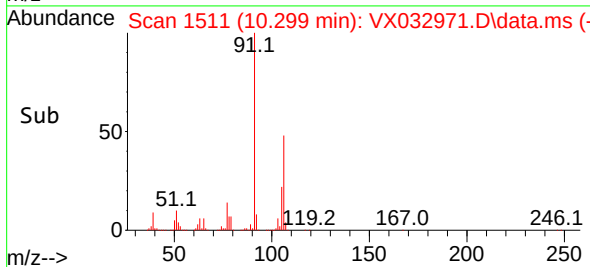
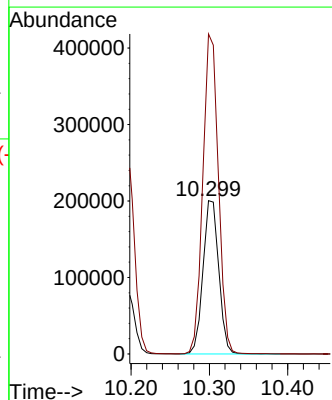
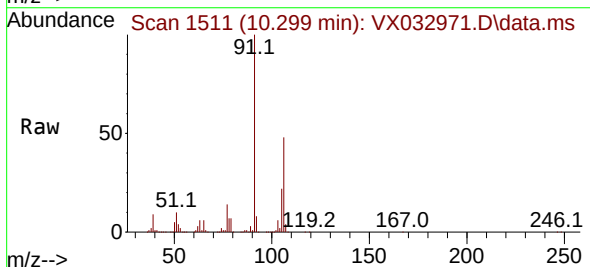
Acq: 22 Nov 2022 10:38

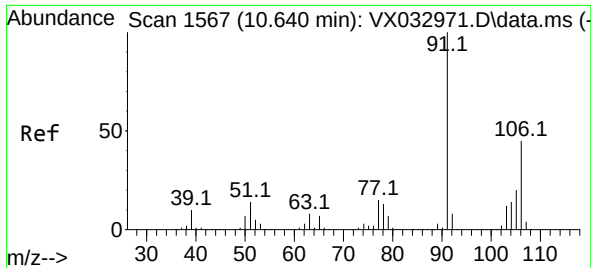
Tgt Ion:106 Resp: 279128

Ion Ratio Lower Upper

106 100

91 206.7 164.5 246.7





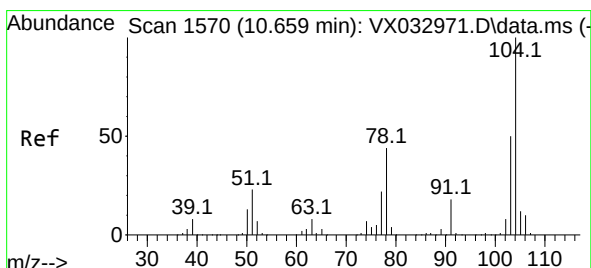
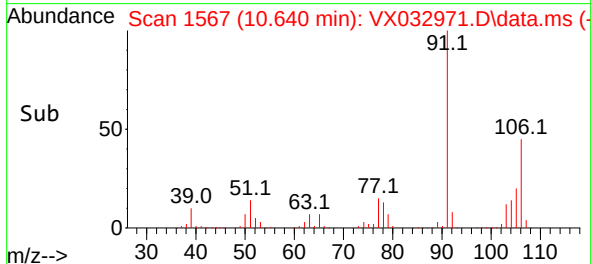
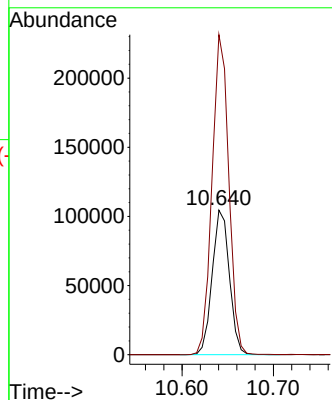
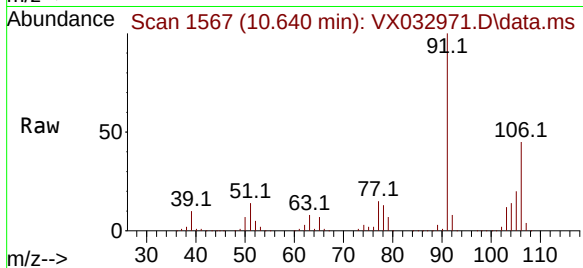
#69
o-Xylene
Concen: 46.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 136239
Ion Ratio Lower Upper
106 100
91 215.6 109.2 327.6

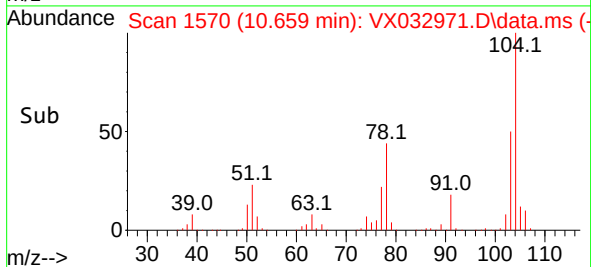
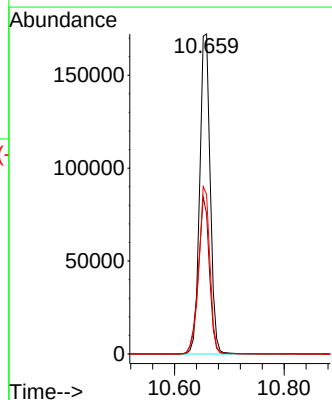
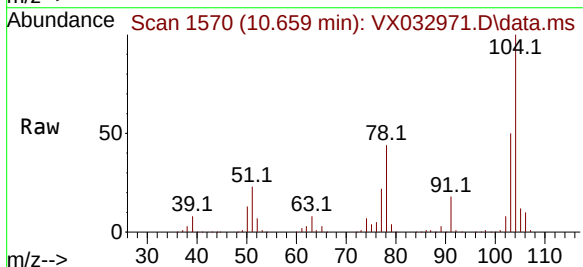
Manual Integrations
APPROVED

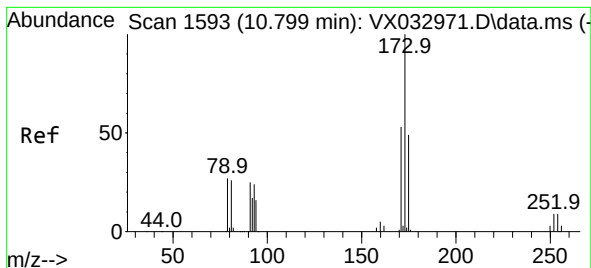
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 47.839 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:104 Resp: 230498
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 55.1 44.5 66.7





#71

Bromoform

Concen: 45.457 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

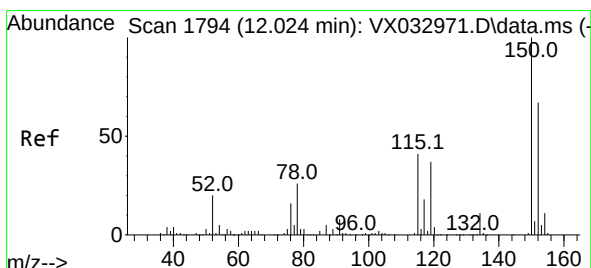
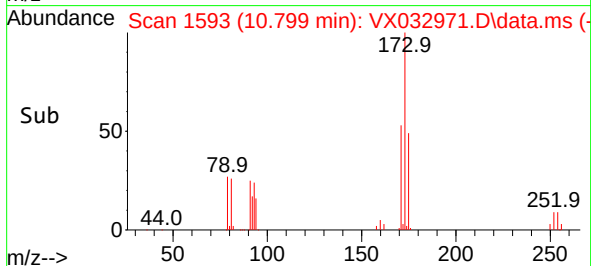
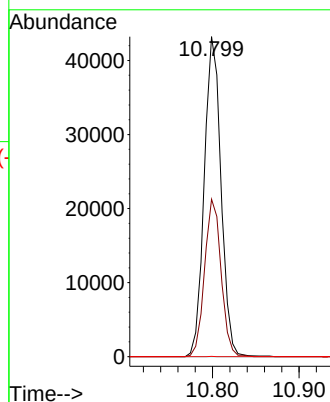
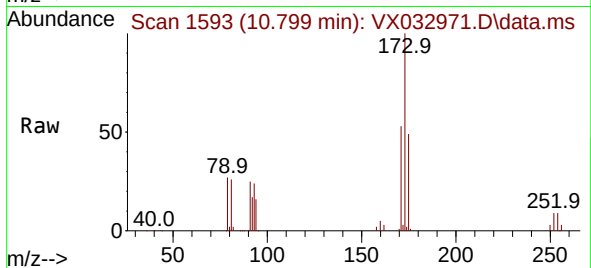
Tgt Ion:173 Resp: 58080
 Ion Ratio Lower Upper
 173 100
 175 48.4 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

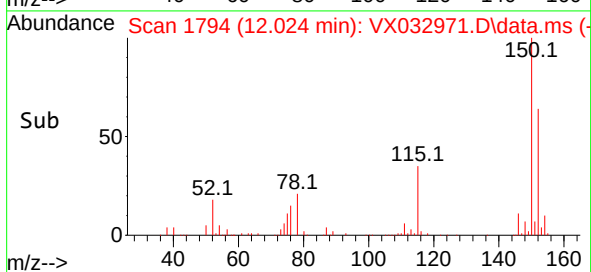
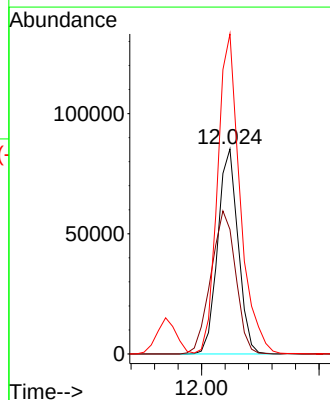
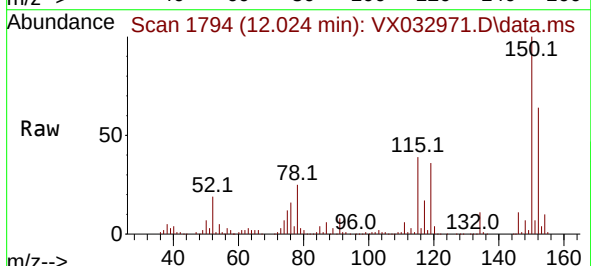
RT: 12.024 min Scan# 1794

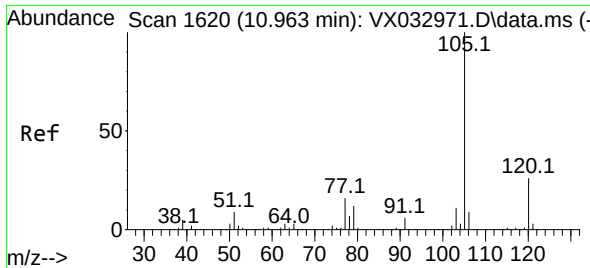
Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Tgt Ion:152 Resp: 102676
 Ion Ratio Lower Upper
 152 100
 115 84.9 44.0 132.0
 150 173.0 0.0 351.8





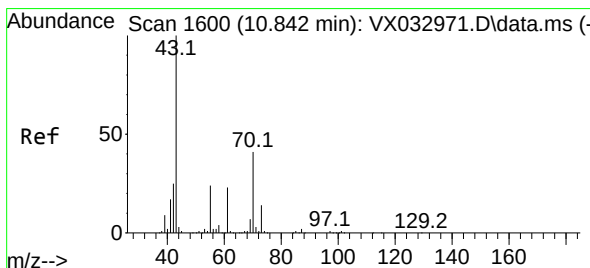
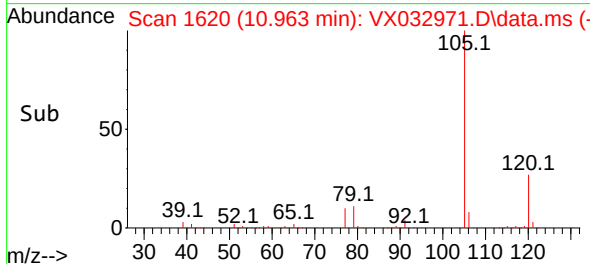
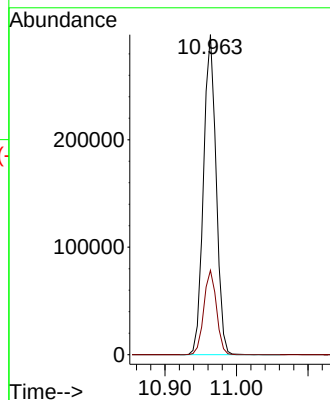
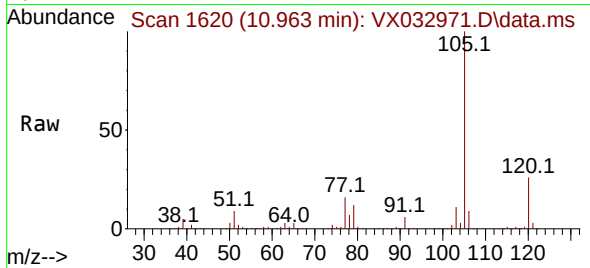
#73
Isopropylbenzene
Concen: 44.889 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 365224
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

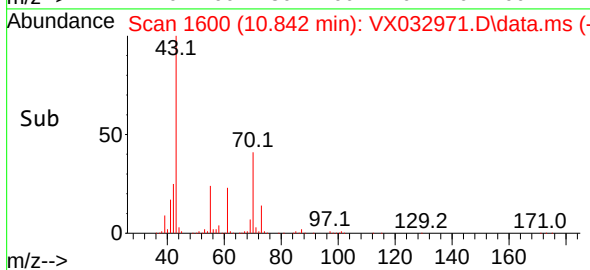
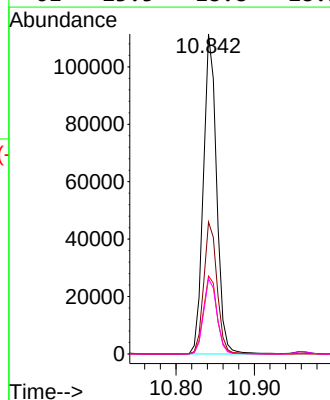
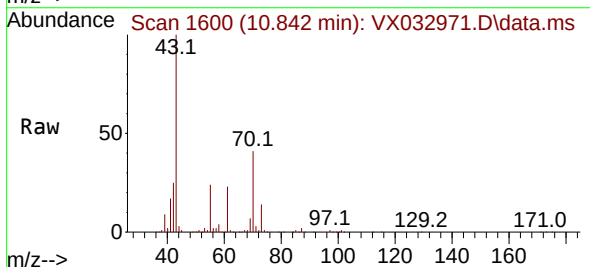
Manual Integrations
APPROVED

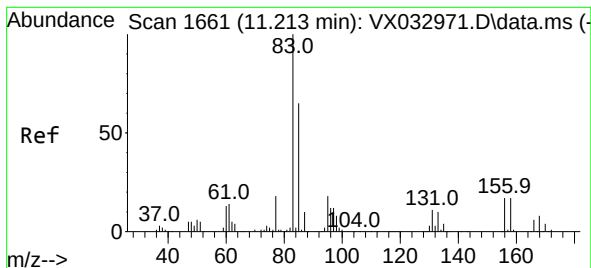
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 42.615 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

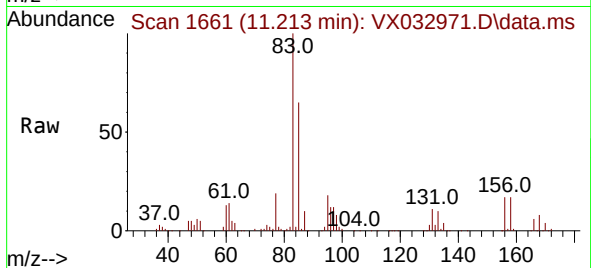
Tgt Ion: 43 Resp: 131007
Ion Ratio Lower Upper
43 100
70 41.3 33.6 50.4
55 25.1 19.4 29.2
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.252 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

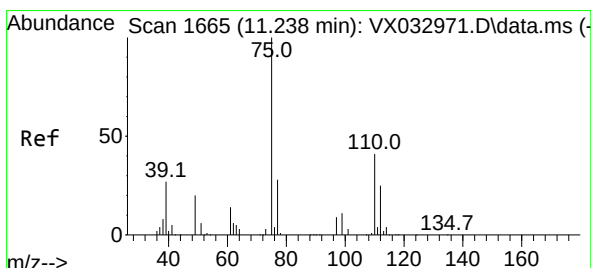
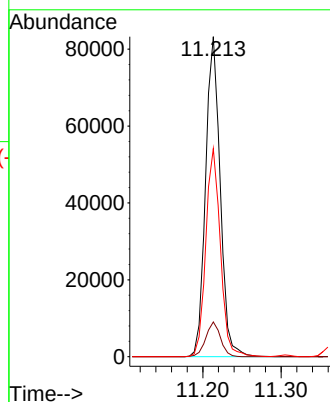
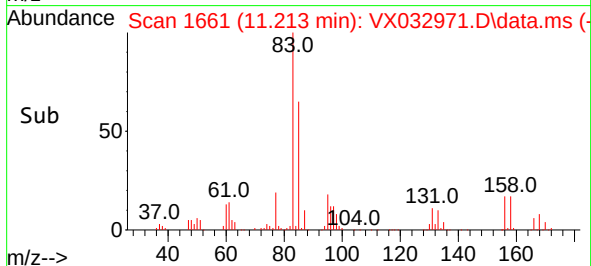
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 107734
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.9 31.9 95.9

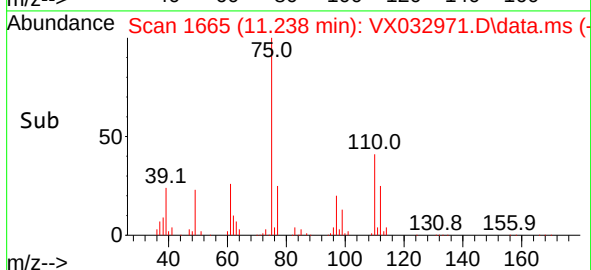
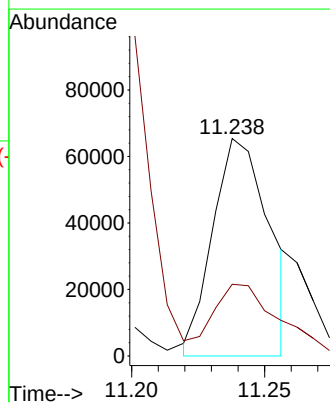
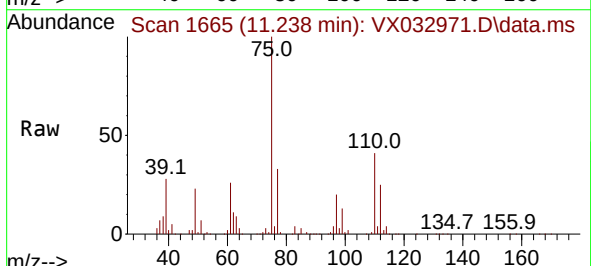
Manual Integrations
APPROVED

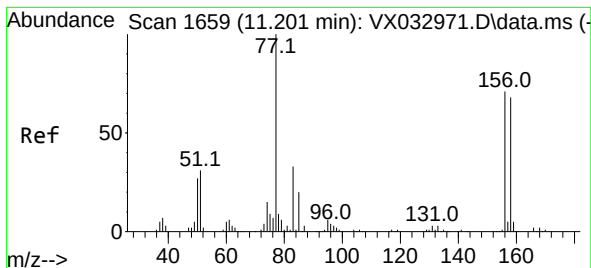
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#76
1,2,3-Trichloropropane
Concen: 41.911 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion: 75 Resp: 95736
Ion Ratio Lower Upper
75 100
77 39.7 20.0 60.0





#77

Bromobenzene

Concen: 44.392 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

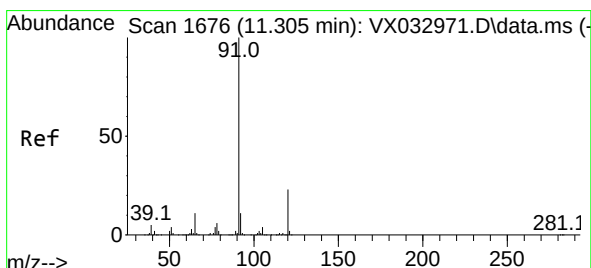
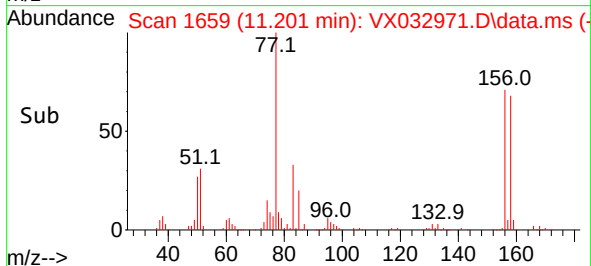
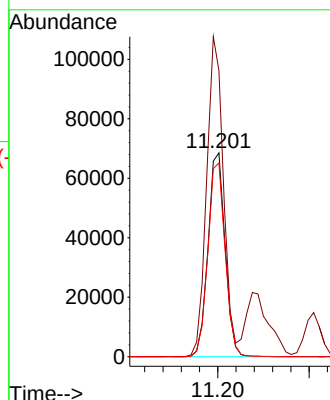
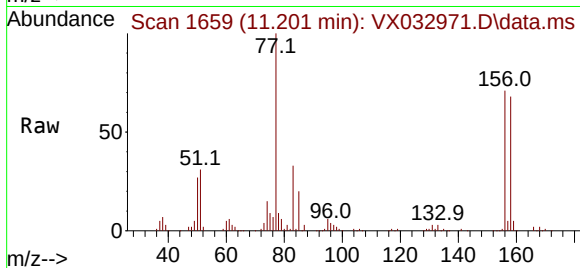
Tgt Ion:	156	Resp:	8854
Ion Ratio	Lower	Upper	
156	100		
77	153.6	76.1	228.4
158	96.1	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#78

n-propylbenzene

Concen: 45.482 ug/l

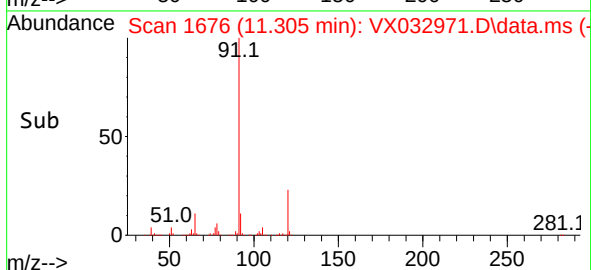
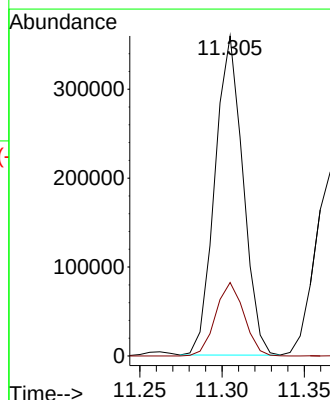
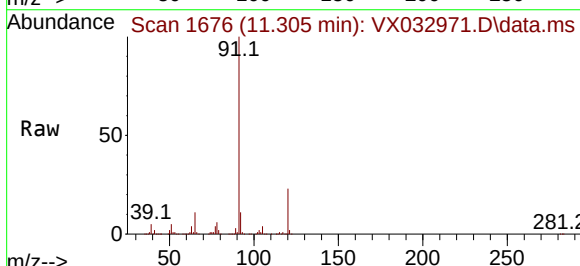
RT: 11.305 min Scan# 1676

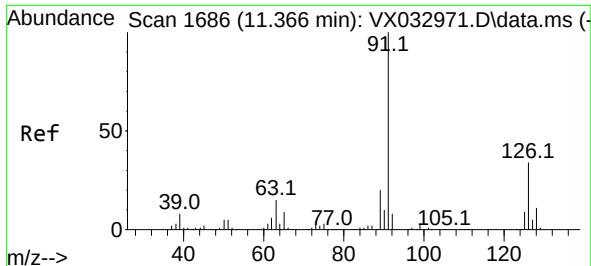
Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Tgt Ion:	91	Resp:	426353
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





#79

2-Chlorotoluene

Concen: 44.775 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 25136

Ion Ratio Lower Upper

91 100

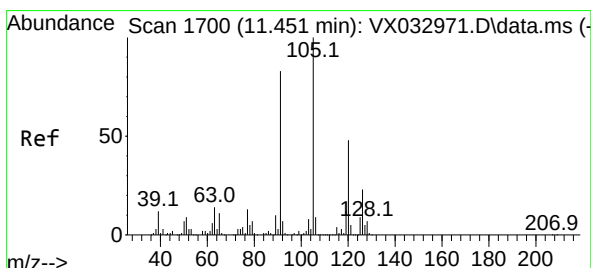
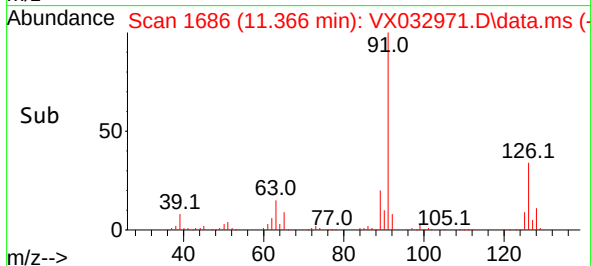
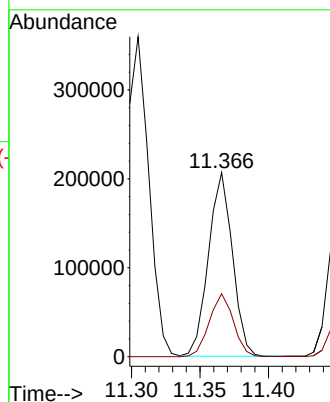
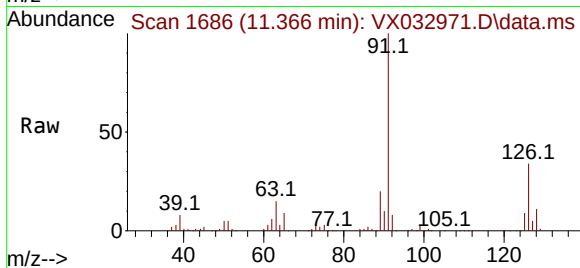
126 34.4 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#80

1,3,5-Trimethylbenzene

Concen: 45.322 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032971.D

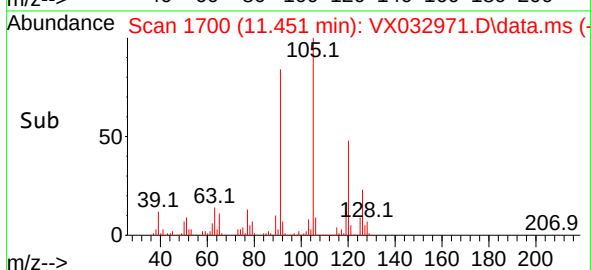
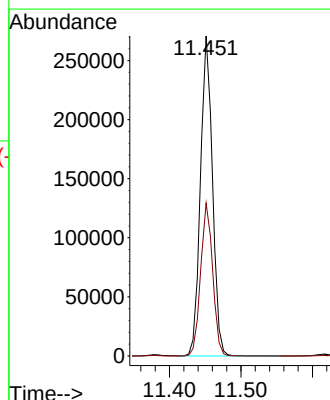
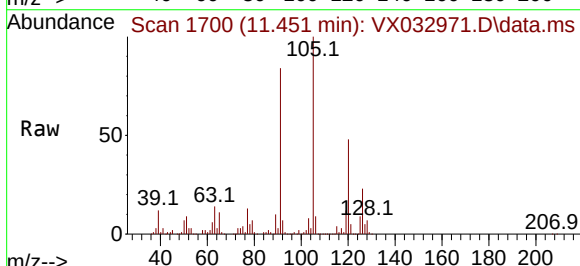
Acq: 22 Nov 2022 10:38

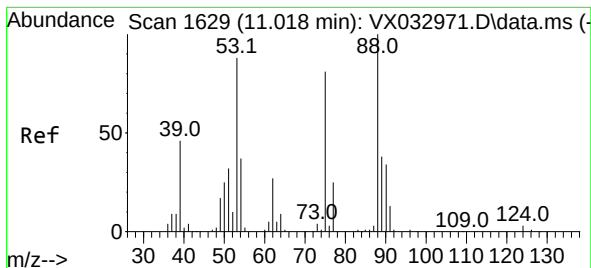
Tgt Ion:105 Resp: 315154

Ion Ratio Lower Upper

105 100

120 47.9 23.6 71.0





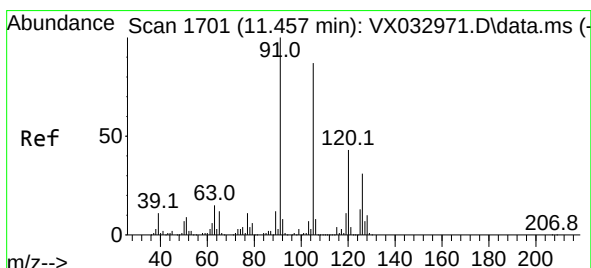
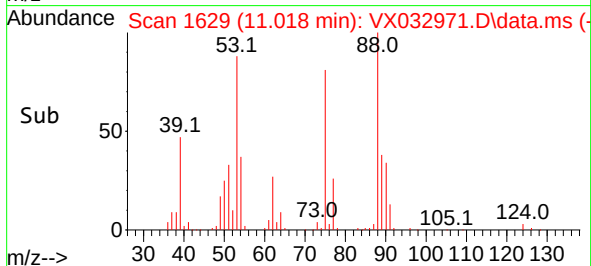
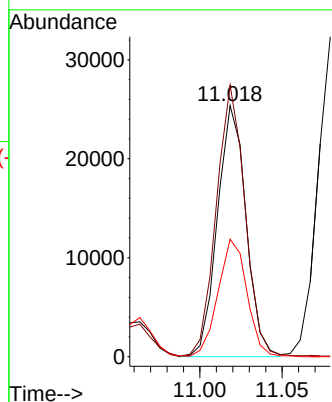
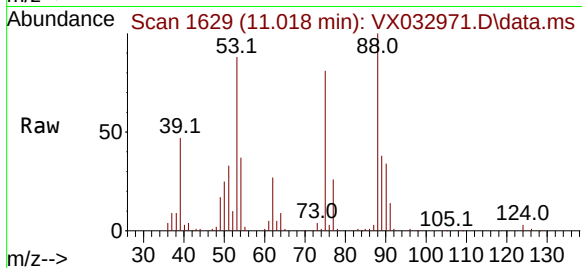
#81
trans-1,4-Dichloro-2-butene
Concen: 42.726 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 30672
Ion Ratio Lower Upper
75 100
53 107.9 86.9 130.3
89 47.3 38.3 57.5

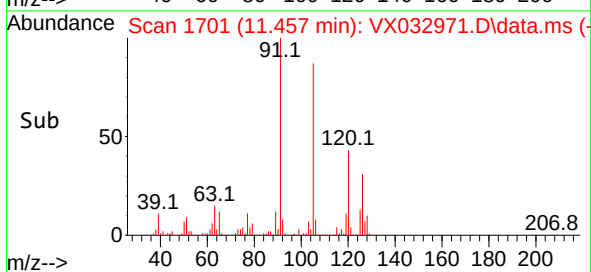
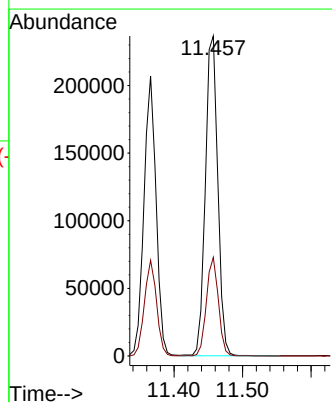
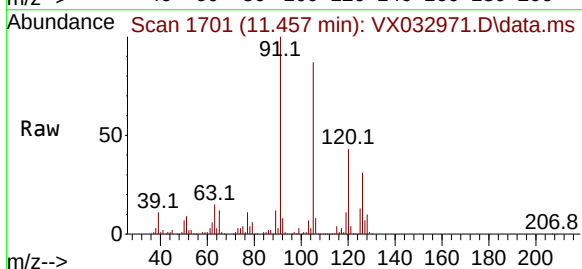
Manual Integrations
APPROVED

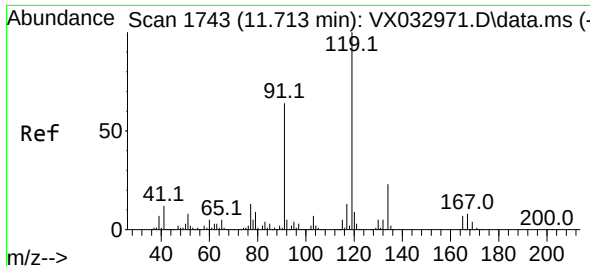
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 45.455 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

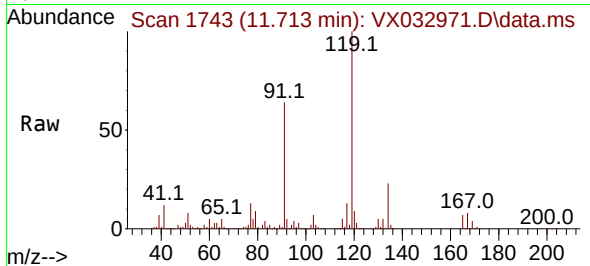
Tgt Ion: 91 Resp: 298598
Ion Ratio Lower Upper
91 100
126 29.9 14.8 44.4





#83
tert-Butylbenzene
Concen: 44.736 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

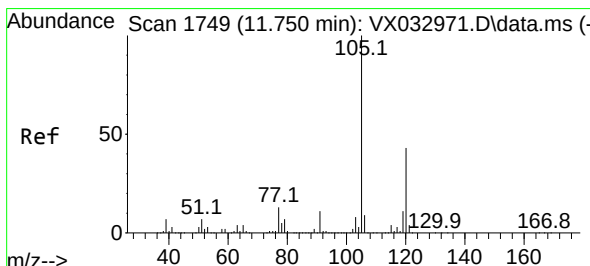
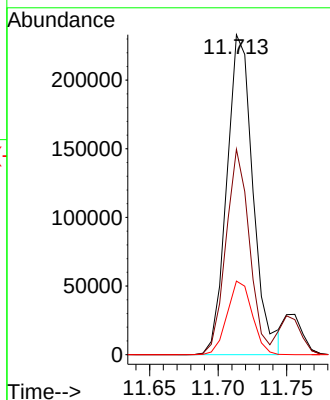
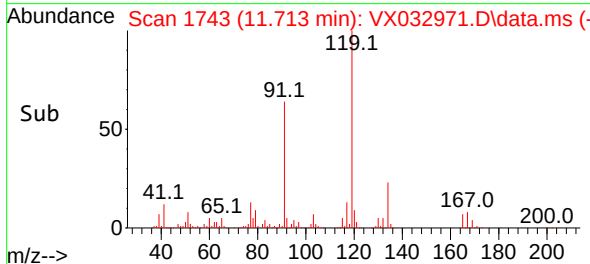
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 310574
Ion Ratio Lower Upper
119 100
91 57.8 29.4 88.2
134 22.0 11.0 33.0

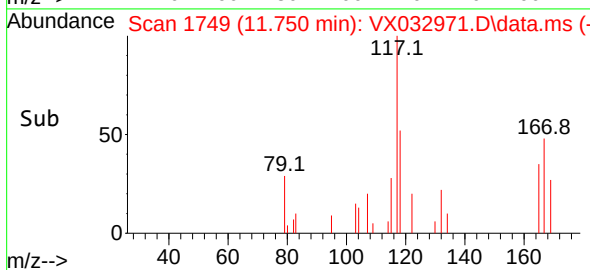
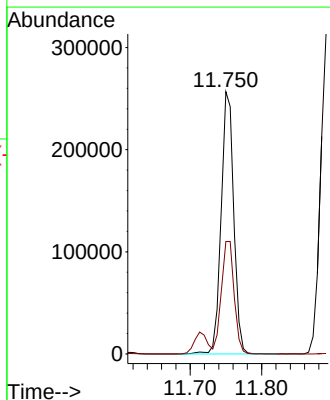
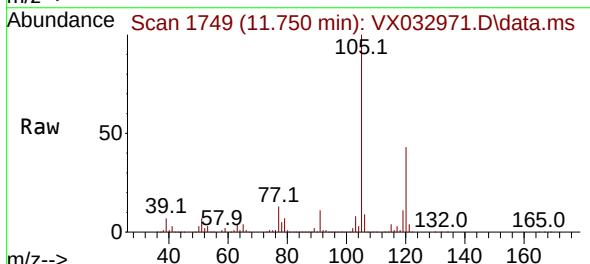
Manual Integrations
APPROVED

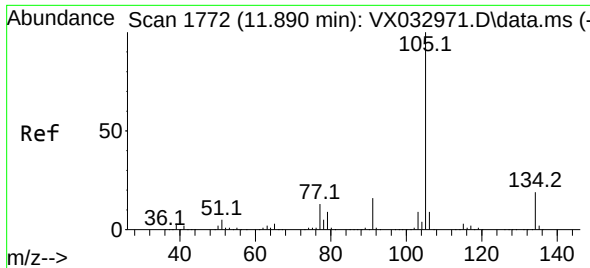
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 45.488 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

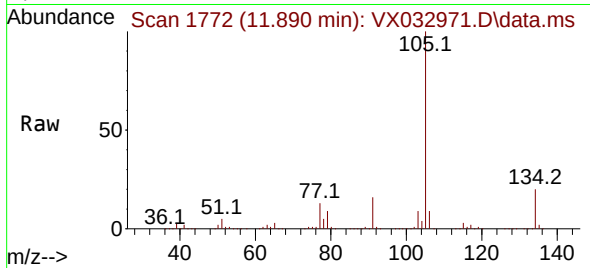
Tgt Ion:105 Resp: 314604
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 45.096 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032971.D
 Acq: 22 Nov 2022 10:38

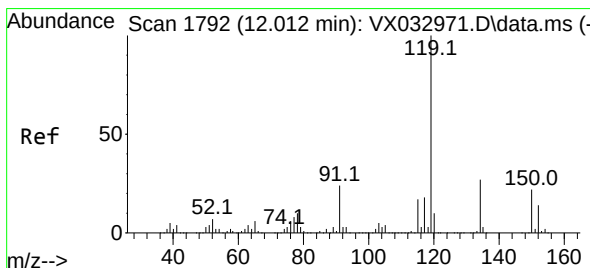
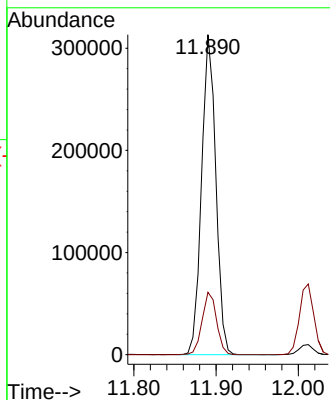
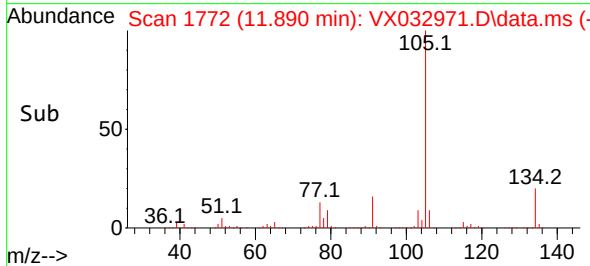
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



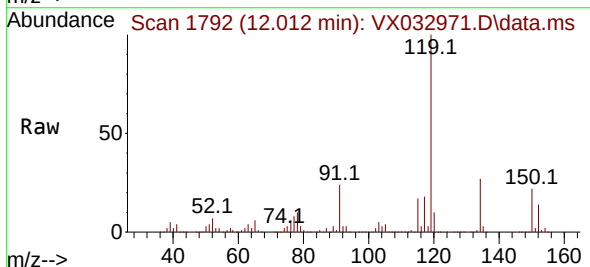
Tgt Ion:105 Resp: 376710
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

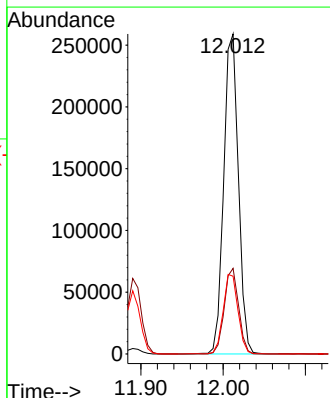
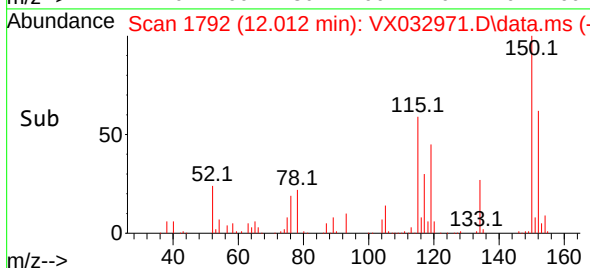
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022

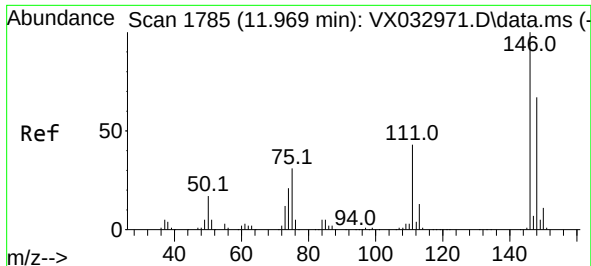


#86
 p-Isopropyltoluene
 Concen: 45.403 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032971.D
 Acq: 22 Nov 2022 10:38



Tgt Ion:119 Resp: 321832
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 44.089 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 165892

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

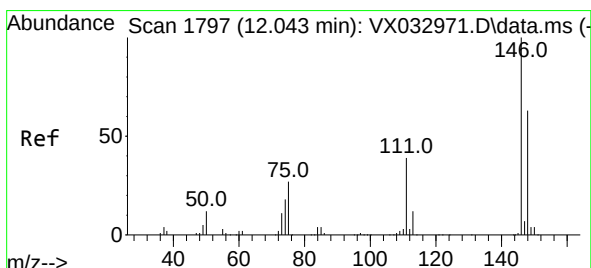
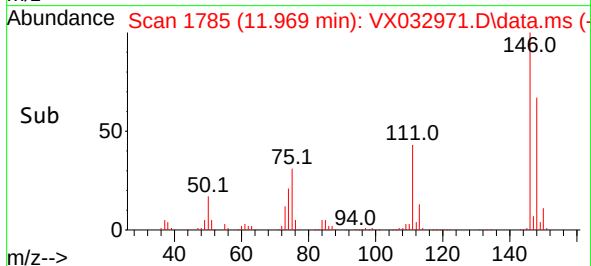
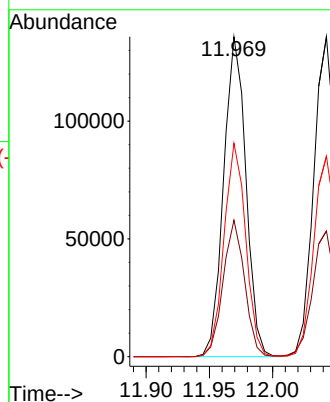
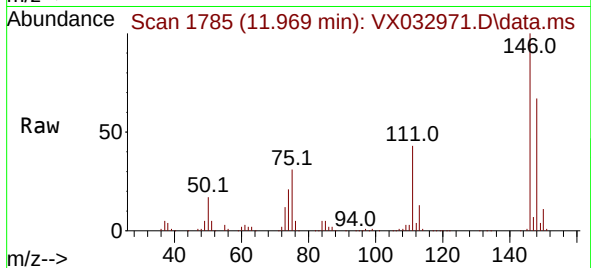
148 65.1 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 43.796 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

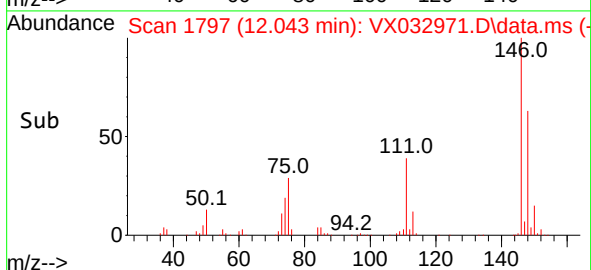
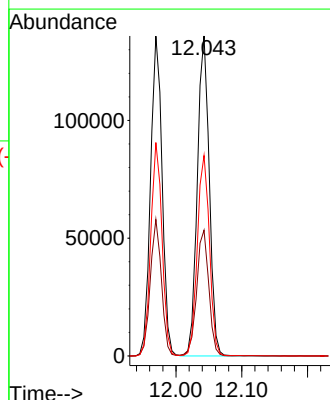
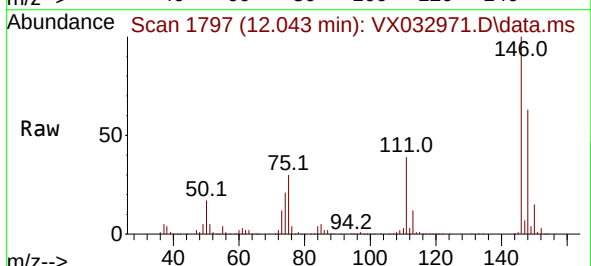
Tgt Ion:146 Resp: 170957

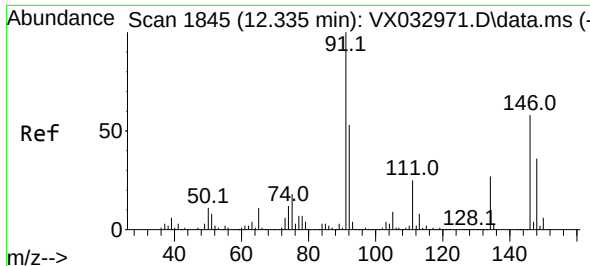
Ion Ratio Lower Upper

146 100

111 39.8 20.5 61.6

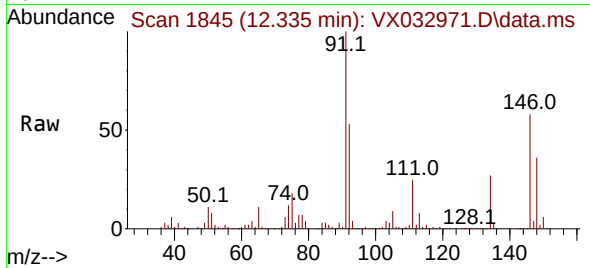
148 63.6 32.2 96.6





#89
n-Butylbenzene
Concen: 45.040 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

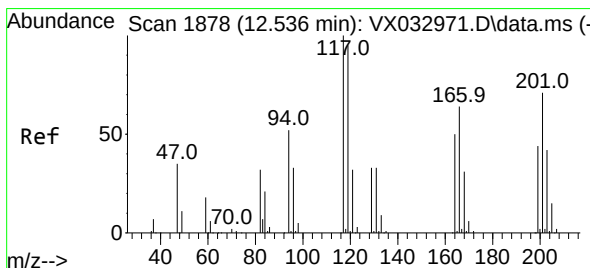
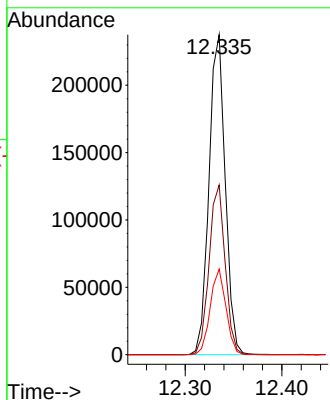
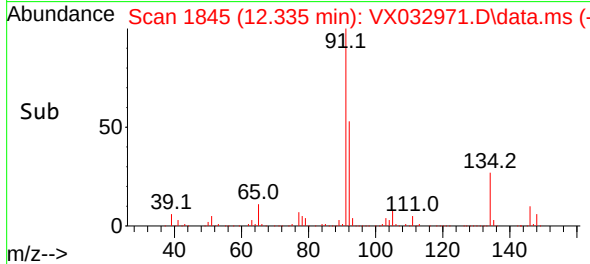
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 27774
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 25.9 12.9 38.6

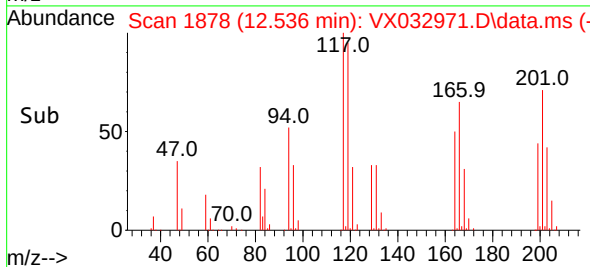
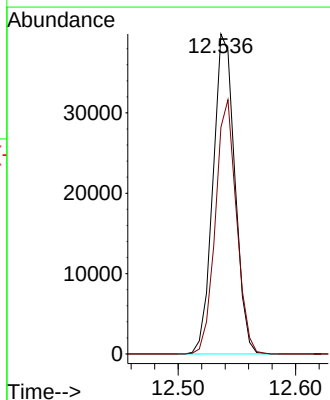
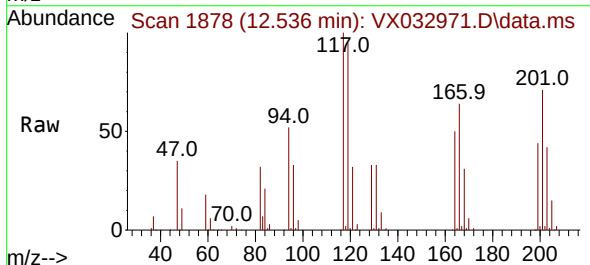
Manual Integrations
APPROVED

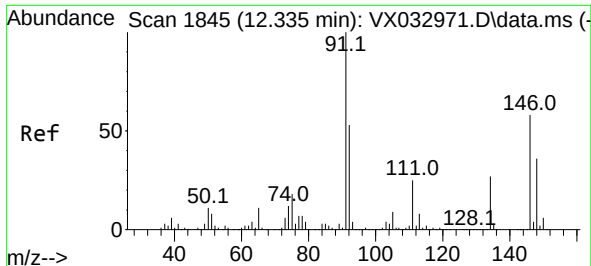
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 44.410 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:117 Resp: 51418
Ion Ratio Lower Upper
117 100
201 76.7 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 44.268 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 164239

Ion Ratio Lower Upper

146 100

111 42.5 21.5 64.5

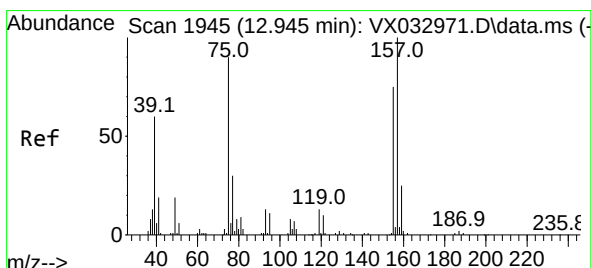
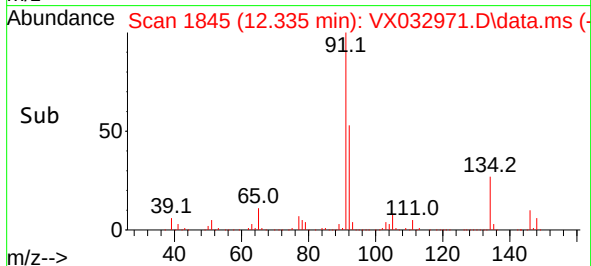
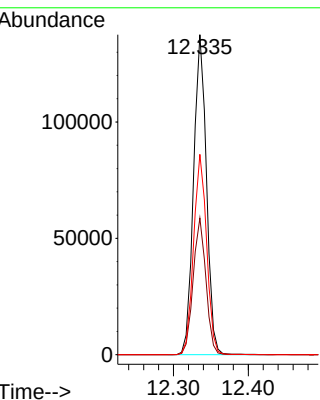
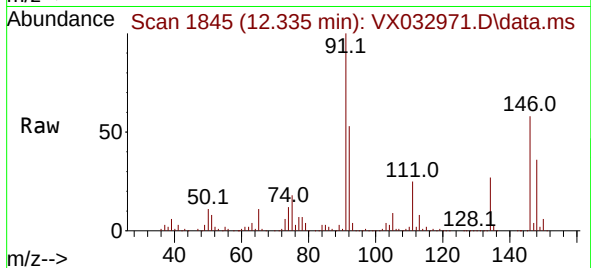
148 63.6 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.966 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX032971.D

Acq: 22 Nov 2022 10:38

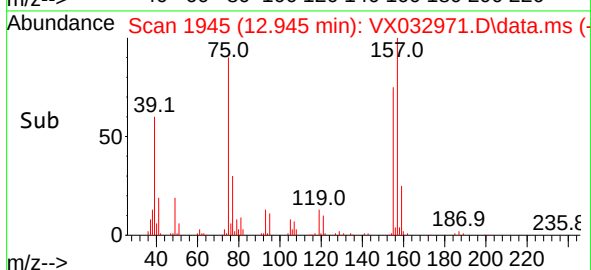
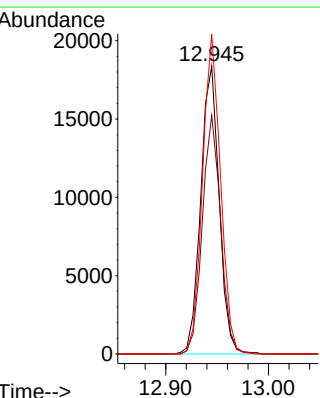
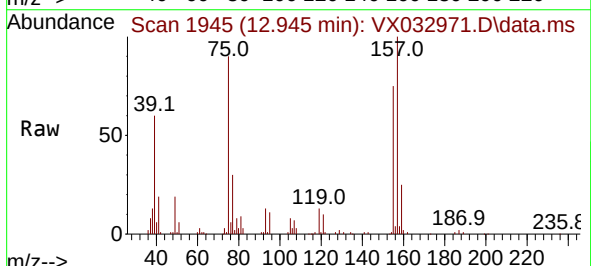
Tgt Ion: 75 Resp: 22885

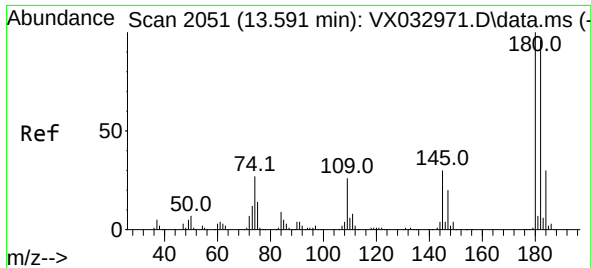
Ion Ratio Lower Upper

75 100

155 82.4 41.6 124.8

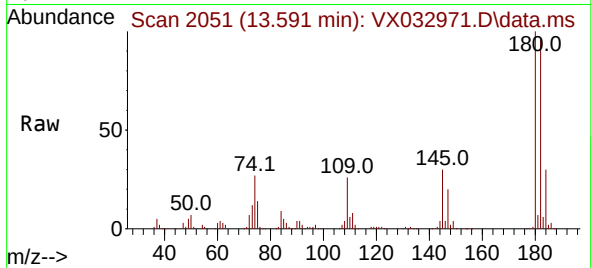
157 108.3 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 41.811 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

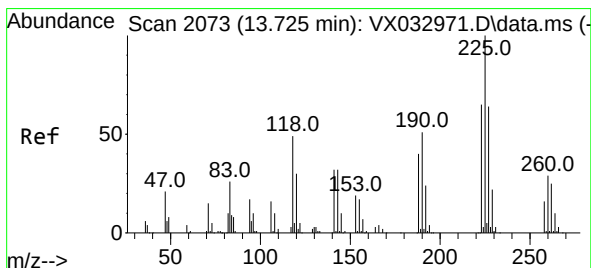
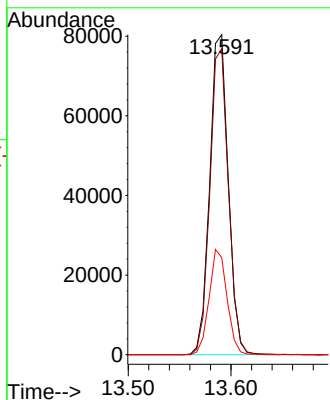
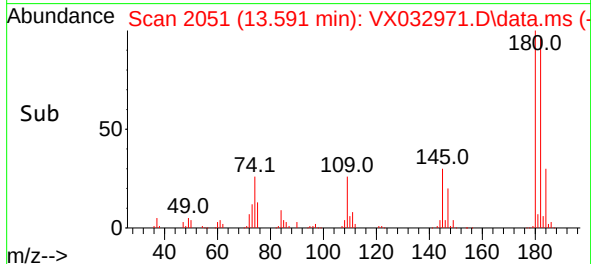
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



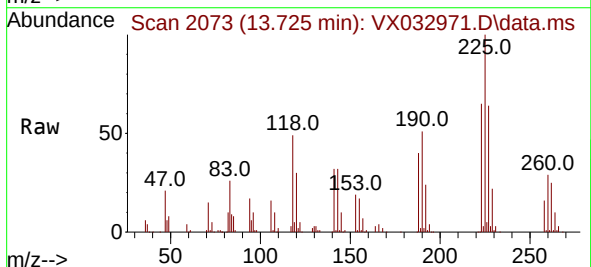
Tgt Ion:180 Resp: 101145
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.0
145 31.7 16.2 48.5

Manual Integrations
APPROVED

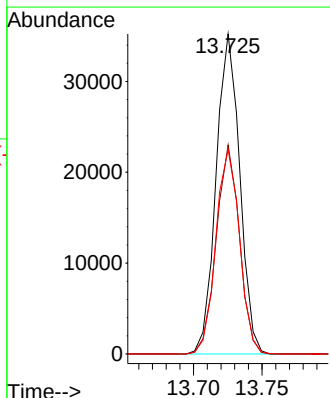
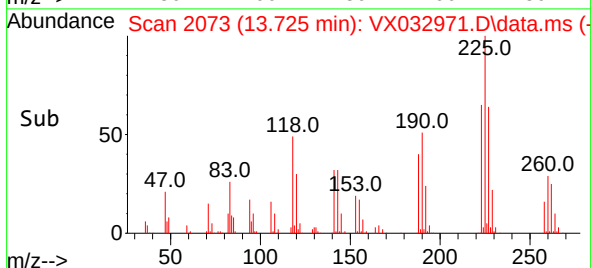
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

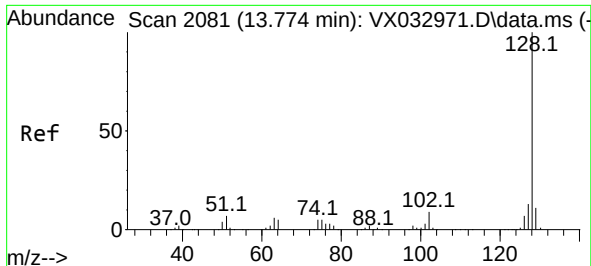


#94
Hexachlorobutadiene
Concen: 41.762 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38



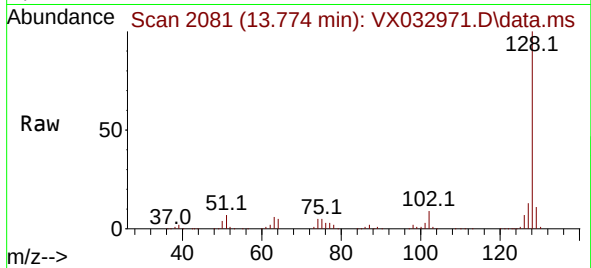
Tgt Ion:225 Resp: 42193
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.9
227 64.0 31.9 95.5





#95
Naphthalene
Concen: 41.158 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

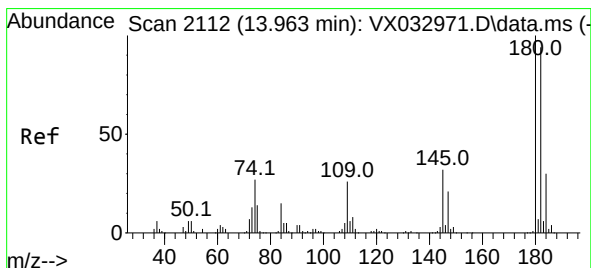
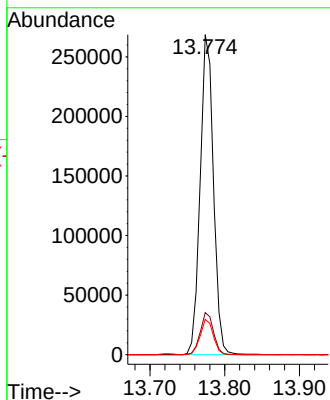
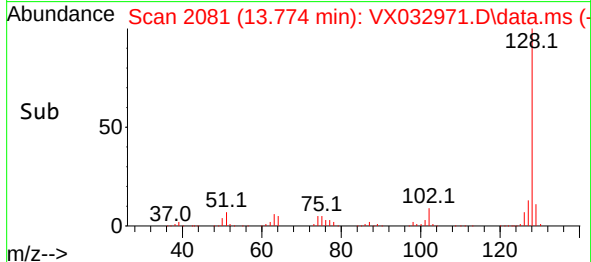
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 331760
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 41.373 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032971.D
Acq: 22 Nov 2022 10:38

Tgt Ion:180 Resp: 101739
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.6
145 33.6 16.9 50.6

