

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031414.D
 Acq On : 16 Sep 2022 16:49
 Operator : JC/MD
 Sample : VX0916WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 16 17:40:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	7952	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81048	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	87637	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	52381	73.117	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 243.733%#		
60) 4-Bromofluorobenzene	11.079	95	56420	31.934	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 106.433%		
63) Toluene-d8	8.653	98	168397	35.102	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 117.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	9978	23.159	ug/l	93
3) Chloromethane	1.288	50	14635	24.645	ug/l	95
4) Vinyl Chloride	1.374	62	16796	24.407	ug/l	96
5) Bromomethane	1.611	94	20899	22.929	ug/l	94
6) Chloroethane	1.684	64	15921	19.618	ug/l	93
7) Trichlorofluoromethane	1.886	101	42490	25.350	ug/l	96
8) Diethyl Ether	2.136	74	15528	27.790	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	14970	26.222	ug/l	94
10) 1,1-Dichloroethene	2.319	96	13718	25.671	ug/l	94
11) Methyl Iodide	2.453	142	7261	11.268	ug/l	97
12) Methyl Acetate	2.703	43	23943	29.115	ug/l	93
13) Acrolein	2.239	56	6610	60.589	ug/l	94
14) Acrylonitrile	3.068	53	44690	133.259	ug/l	99
15) Acetone	2.386	58	12151	129.333	ug/l	97
16) Carbon Disulfide	2.514	76	31230	22.640	ug/l	97
17) Allyl chloride	2.666	41	22275	25.716	ug/l	93
18) Methylene Chloride	2.788	84	17355	28.074	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	15885	25.268	ug/l	96
20) Diisopropyl ether	3.763	45	53969	26.529	ug/l	90
21) 1,1-Dichloroethane	3.611	63	28863	26.920	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	18781	26.229	ug/l	95
23) tert-Butyl Alcohol	2.983	59	23084	133.661	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	54003	26.669	ug/l	95
25) Chloroform	5.099	83	32517	26.589	ug/l	95
26) Cyclohexane	5.476	56	24236	25.031	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	22366	13.710	ug/l	98
30) 2-Butanone	4.562	43	63024	68.477	ug/l	99
31) 2,2-Dichloropropane	4.477	77	23545	12.904	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	28359	14.054	ug/l	97
33) Carbon Tetrachloride	5.678	117	24463	13.718	ug/l	96
34) Benzene	6.043	78	65731	13.691	ug/l	96
35) Methacrylonitrile	4.928	41	13654	14.812	ug/l	95
36) 1,2-Dichloroethane	6.092	62	25143	13.871	ug/l #	89
37) Trichloroethene	7.129	130	18912	14.550	ug/l	94
38) Methylcyclohexane	7.385	83	25359	13.298	ug/l	98
39) 1,2-Dichloropropane	7.433	63	17481	15.177	ug/l	98
40) Dibromomethane	7.586	93	12948	14.537	ug/l	92
41) Bromodichloromethane	7.824	83	25131	14.382	ug/l	100
42) Vinyl Acetate	3.727	43	224084	67.866	ug/l	99

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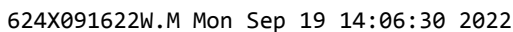
Quant Time: Sep 16 17:40:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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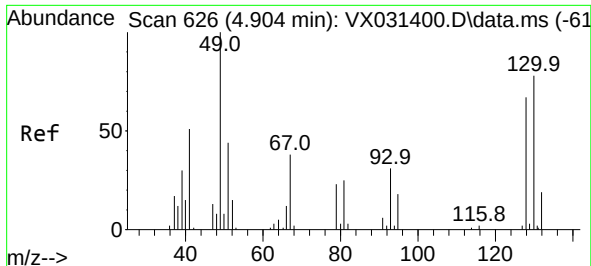
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	25365	14.059	ug/l	# 83
44) Isopropyl Acetate	6.342	43	41685	13.903	ug/l	95
45) 1,4-Dioxane	7.683	88	7586	234.419	ug/l	95
46) Methyl methacrylate	7.696	41	19030	14.179	ug/l	84
47) n-amyl Acetate	10.847	43	37621	14.065	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	25440	12.769	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	27639	13.639	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	18752	13.921	ug/l	96
51) Ethyl methacrylate	9.116	69	27525	13.673	ug/l	91
52) 1,3-Dichloropropane	9.311	76	30006	13.719	ug/l	98
53) Dibromochloromethane	9.525	129	19439	12.934	ug/l	99
54) 1,2-Dibromoethane	9.610	107	18828	12.662	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	54874	53.065	ug/l	98
56) Bromoform	10.799	173	13527	12.021	ug/l	96
58) 4-Methyl-2-Pentanone	8.573	43	137775	65.622	ug/l	97
59) 2-Hexanone	9.433	43	103141	64.146	ug/l	97
61) Tetrachloroethene	9.275	164	16707	11.753	ug/l	95
62) Toluene	8.720	91	77232	12.183	ug/l	97
64) Chlorobenzene	10.079	112	48989	12.428	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	18488	12.751	ug/l	97
66) Ethyl Benzene	10.195	91	86987	12.334	ug/l	99
67) m/p-Xylenes	10.305	106	66298	22.176	ug/l	99
68) o-Xylene	10.640	106	33072	11.607	ug/l	99
69) Styrene	10.658	104	54128	11.145	ug/l	97
70) Isopropylbenzene	10.963	105	86546	11.404	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	30045	12.767	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	30997	14.334	ug/l	88
73) Bromobenzene	11.201	156	21133	11.557	ug/l	97
74) n-propylbenzene	11.305	91	102698	11.627	ug/l	98
75) 2-Chlorotoluene	11.366	91	59415	11.486	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	72868	10.840	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	7639	10.446	ug/l	86
78) 4-Chlorotoluene	11.457	91	69990	11.330	ug/l	98
79) tert-butylbenzene	11.713	119	71711	11.280	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	72713	11.157	ug/l	98
81) sec-Butylbenzene	11.890	105	92864	11.504	ug/l	99
82) p-Isopropyltoluene	12.012	119	77578	11.259	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	41041	11.336	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	41998	11.296	ug/l	99
85) n-Butylbenzene	12.335	91	68604	11.846	ug/l	95
86) Hexachloroethane	12.542	117	12375	10.694	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	40986	11.401	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	6057	12.081	ug/l	89
89) 1,2,4-Trichlorobenzene	13.591	180	24618	12.469	ug/l	98
90) Hexachlorobutadiene	13.725	225	8859	12.236	ug/l	98
91) Naphthalene	13.774	128	89246	12.535	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	25208	12.726	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

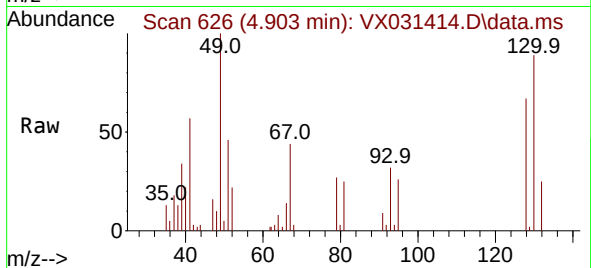
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QLast Update : Fri Sep 16 12:41:56 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

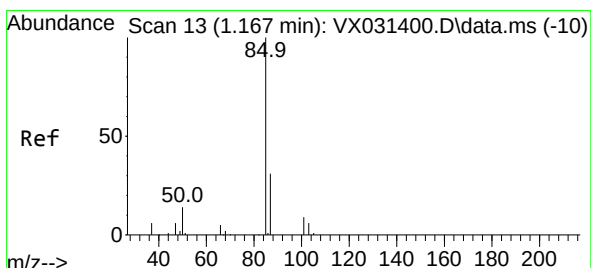
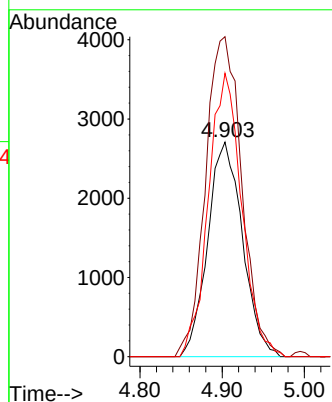
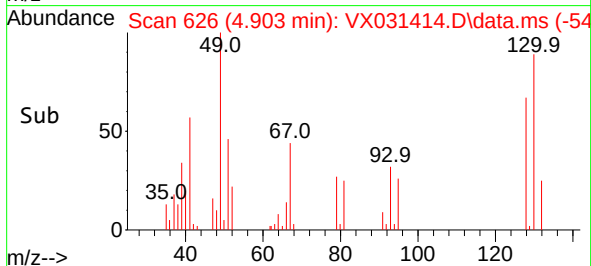
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 128 Resp: 7952
Ion Ratio Lower Upper
128 100
49 155.6 0.0 358.3
130 126.7 0.0 319.3

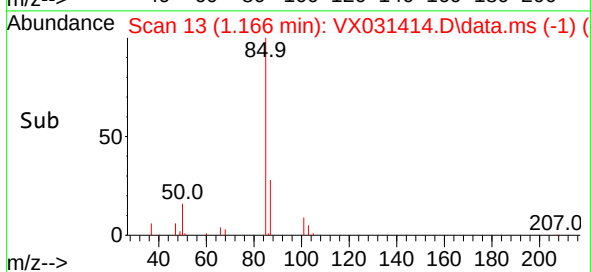
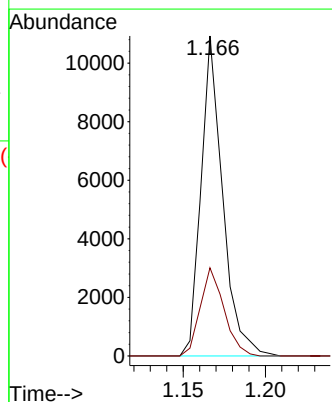
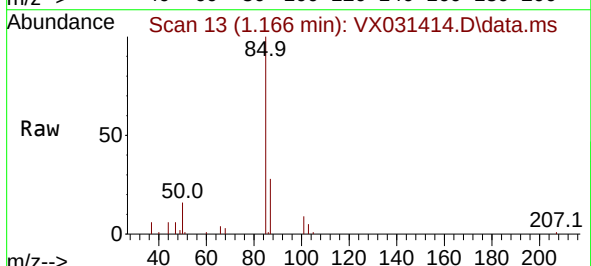
Manual Integrations
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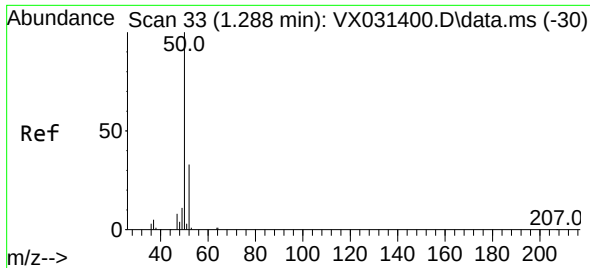
Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022



#2
Dichlorodifluoromethane
Concen: 23.159 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

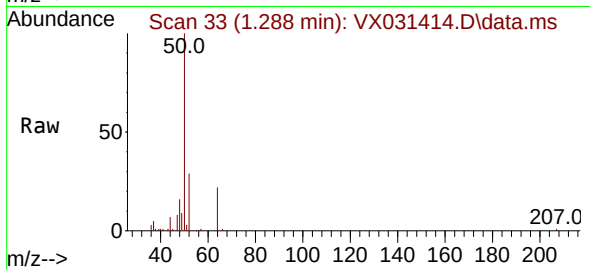
Tgt Ion: 85 Resp: 9978
Ion Ratio Lower Upper
85 100
87 27.6 15.6 46.8





#3
Chloromethane
Concen: 24.645 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

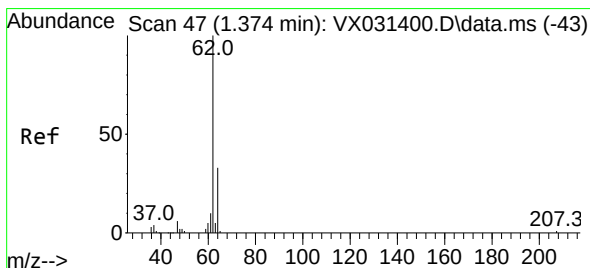
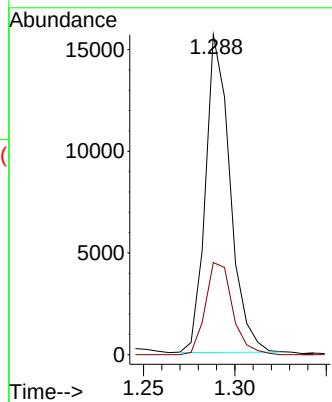
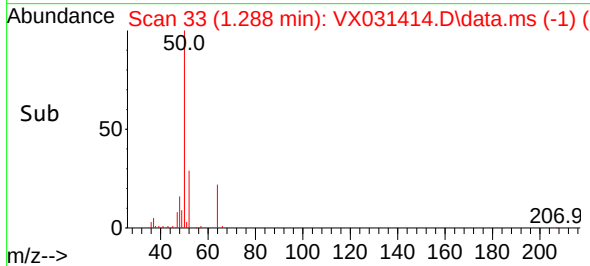
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 50 Resp: 1463
Ion Ratio Lower Upper
50 100
52 29.0 25.6 38.4

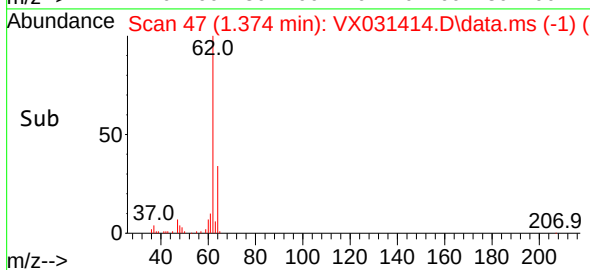
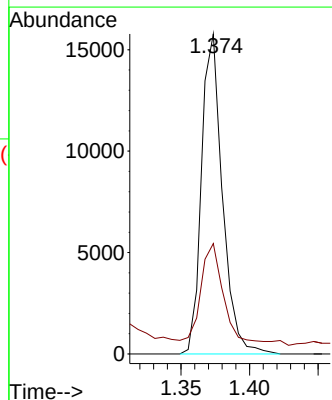
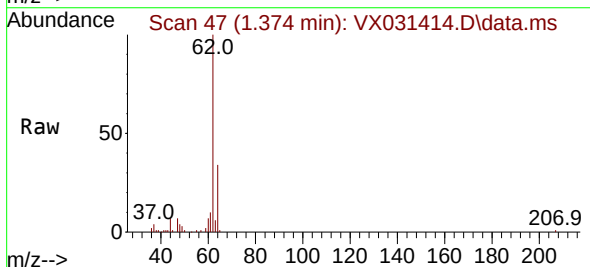
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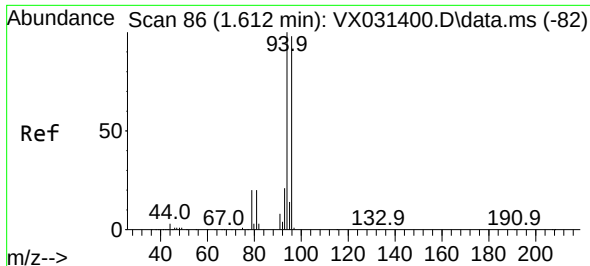
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 24.407 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 62 Resp: 16796
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





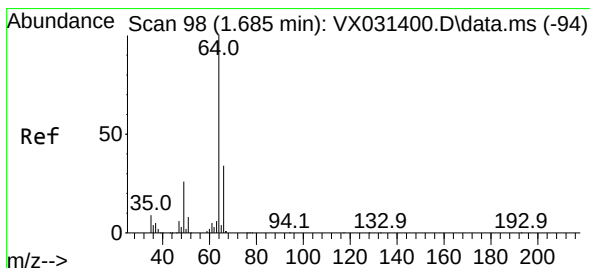
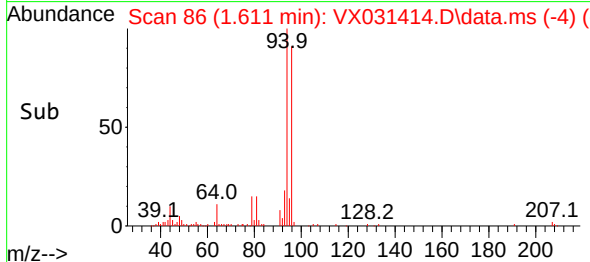
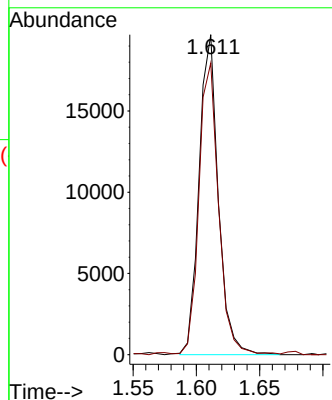
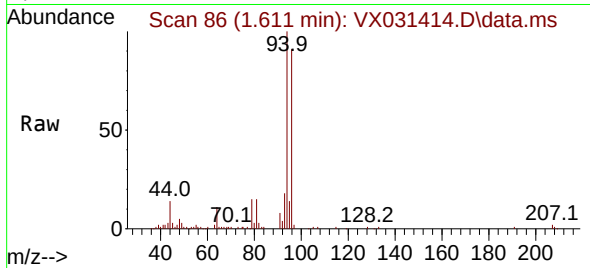
#5
Bromomethane
Concen: 22.929 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 94 Resp: 20899
Ion Ratio Lower Upper
94 100
96 90.9 77.0 115.6

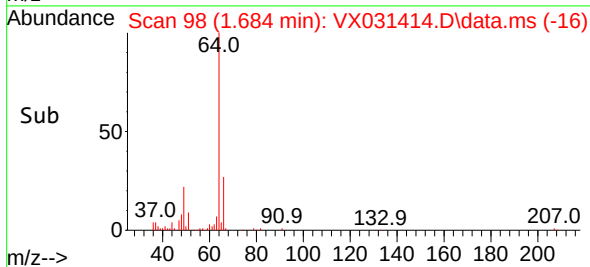
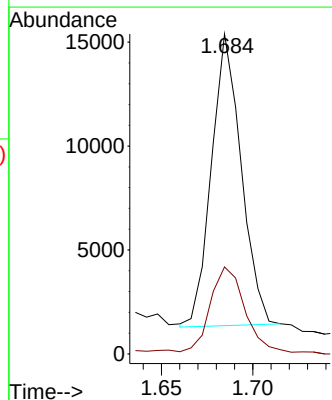
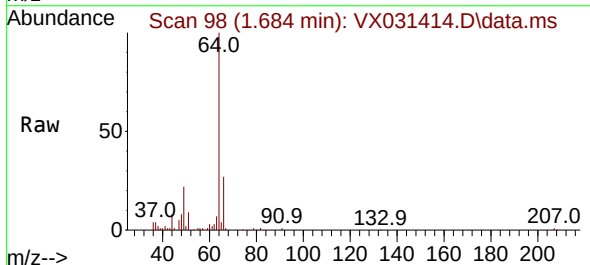
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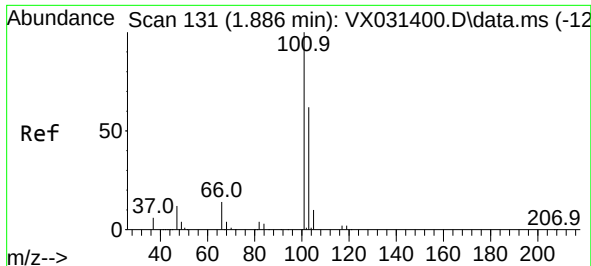
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#6
Chloroethane
Concen: 19.618 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

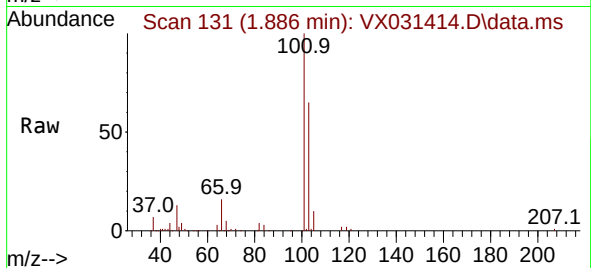
Tgt Ion: 64 Resp: 15921
Ion Ratio Lower Upper
64 100
66 29.3 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 25.350 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX031414.D
 Acq: 16 Sep 2022 16:49

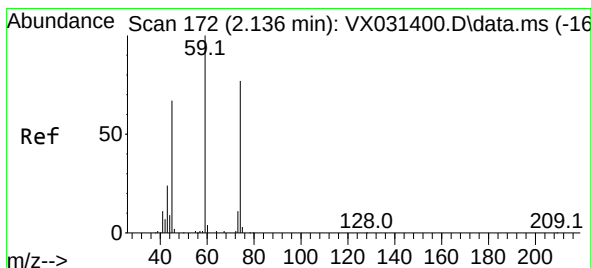
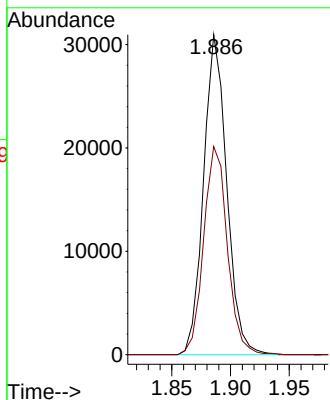
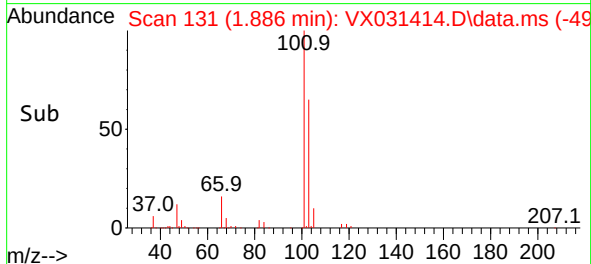
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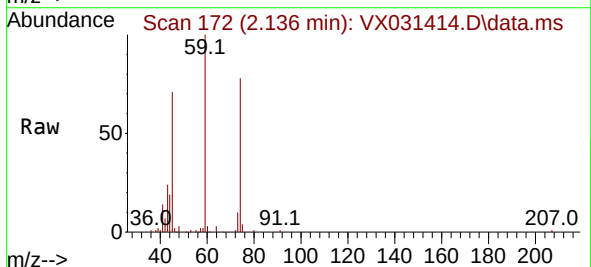
Tgt Ion:101 Resp: 42490
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.6 74.4

Manual Integrations
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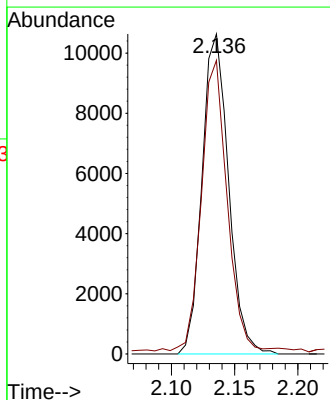
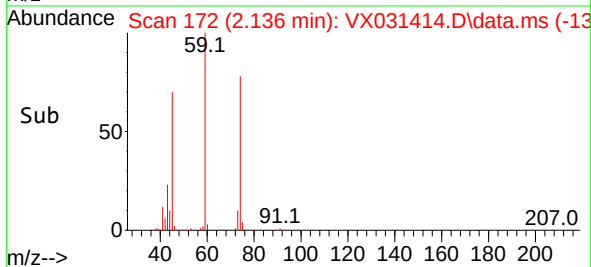
Reviewed By :John Carlone 09/17/2022
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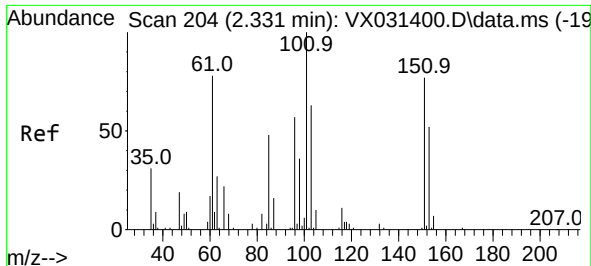


#8
 Diethyl Ether
 Concen: 27.790 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031414.D
 Acq: 16 Sep 2022 16:49



Tgt Ion: 74 Resp: 15528
 Ion Ratio Lower Upper
 74 100
 45 88.8 18.7 168.7





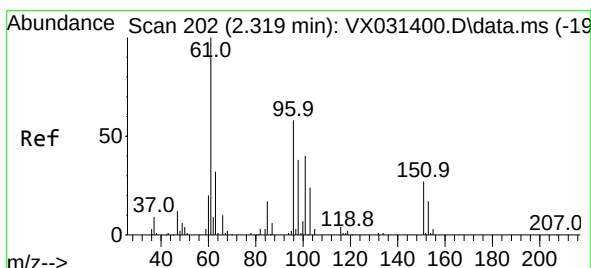
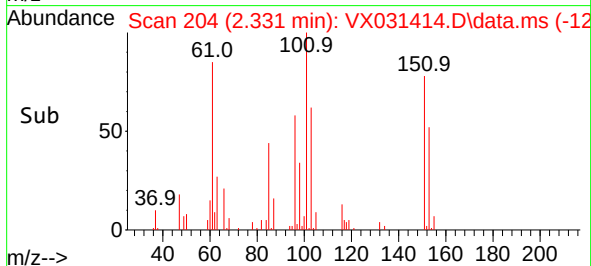
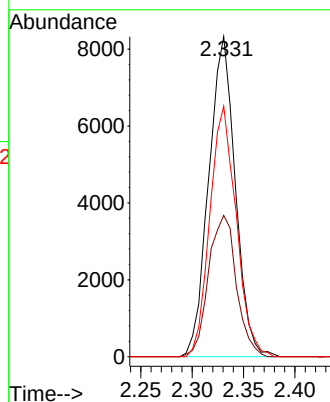
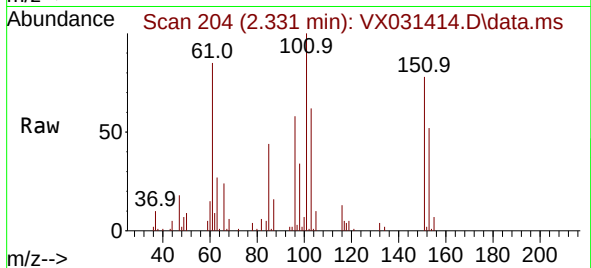
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1,1,2-Trichlorotrifluoroethane
Concen: 26.222 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031414.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion:101 Resp: 14970
Ion Ratio Lower Upper
101 100
85 46.1 0.0 84.6
151 77.6 0.0 165.4

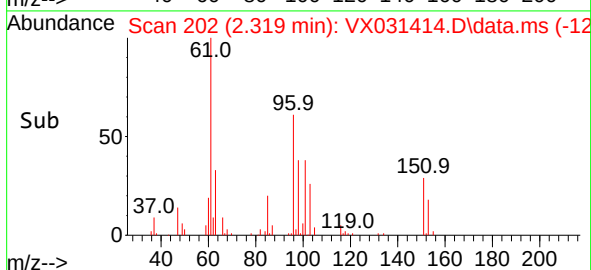
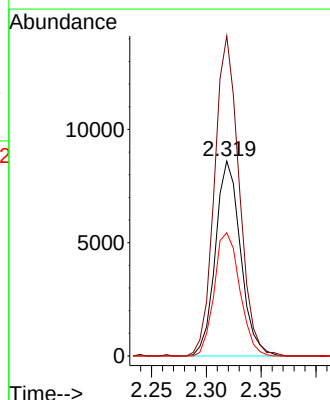
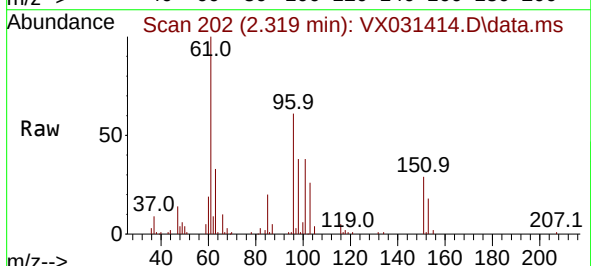
Manual Integrations
APPROVED

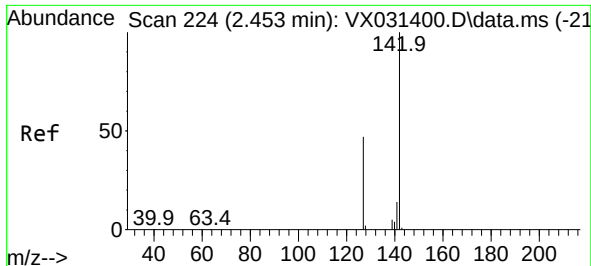
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
1,1-Dichloroethene
Concen: 25.671 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

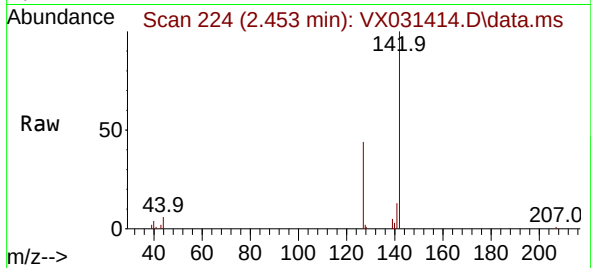
Tgt Ion: 96 Resp: 13718
Ion Ratio Lower Upper
96 100
61 164.1 122.6 183.8
98 63.2 50.1 75.1





#11
Methyl Iodide
Concen: 11.268 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

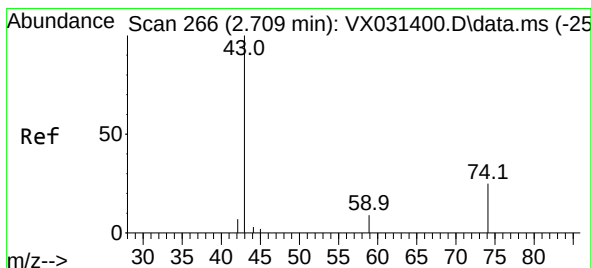
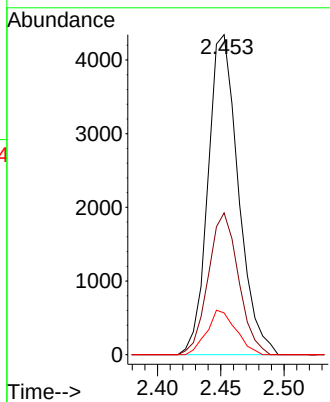
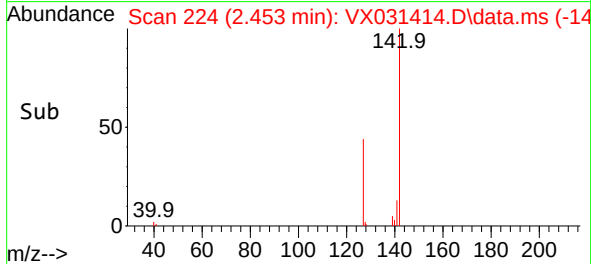
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



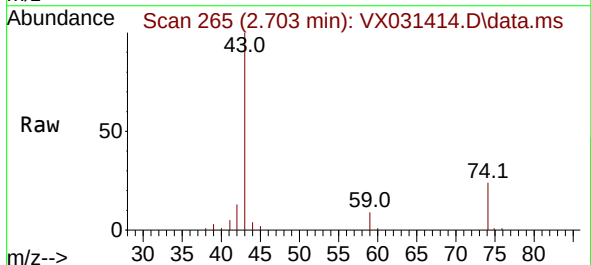
Tgt Ion:142 Resp: 726
Ion Ratio Lower Upper
142 100
127 46.5 22.3 66.9
141 13.1 7.0 20.9

Manual Integrations
APPROVED

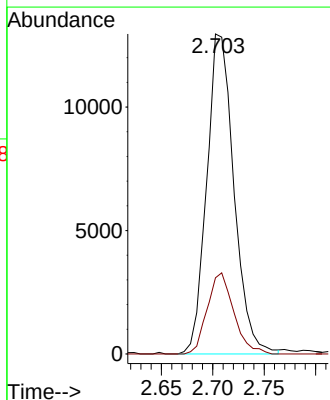
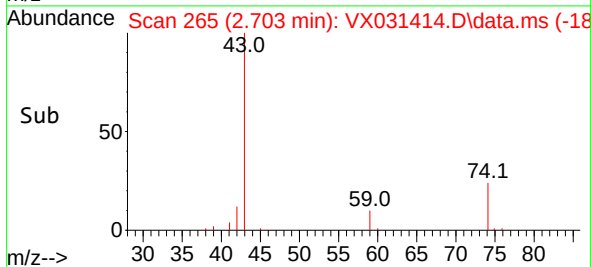
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

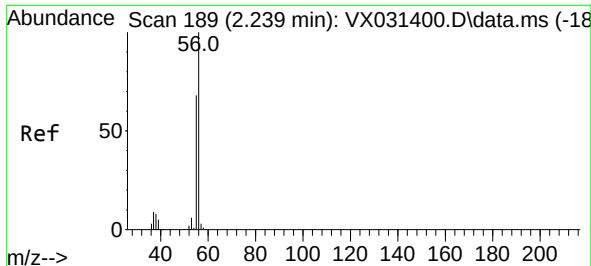


#12
Methyl Acetate
Concen: 29.115 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



Tgt Ion: 43 Resp: 23943
Ion Ratio Lower Upper
43 100
74 23.9 22.1 33.1





#13

Acrolein

Concen: 60.589 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03

Tgt Ion: 56 Resp: 6610

Ion Ratio Lower Upper

56 100

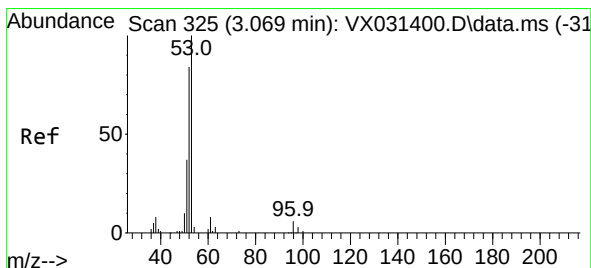
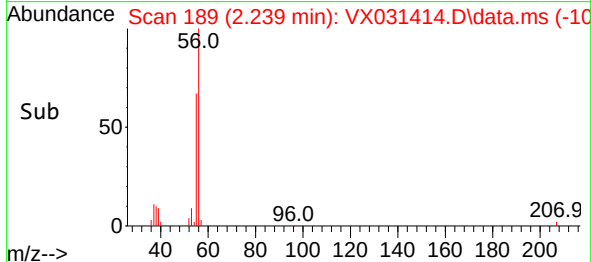
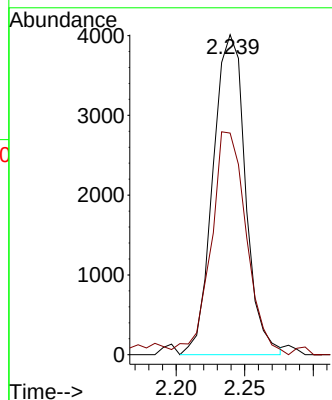
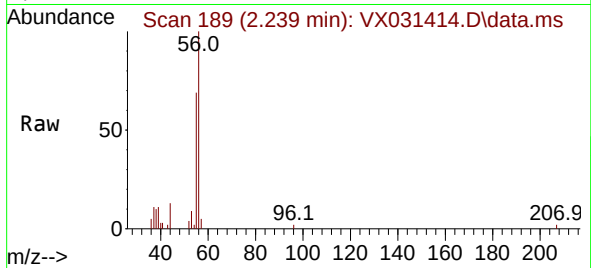
55 75.5 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#14

Acrylonitrile

Concen: 133.259 ug/l

RT: 3.068 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

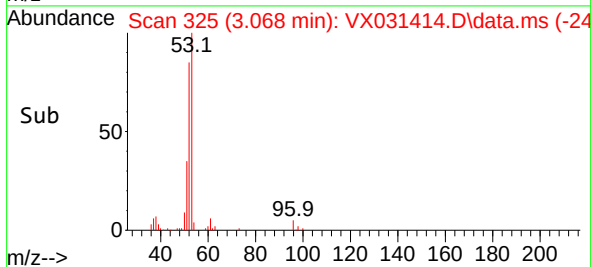
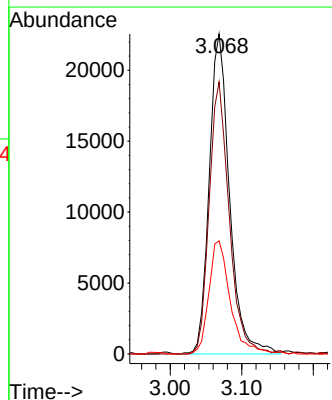
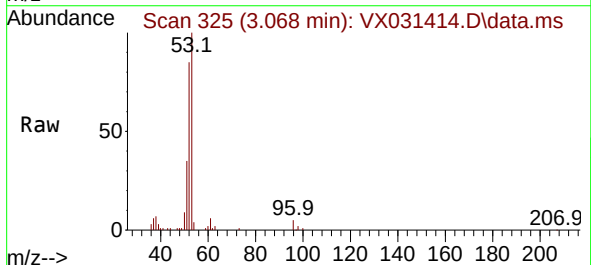
Tgt Ion: 53 Resp: 44690

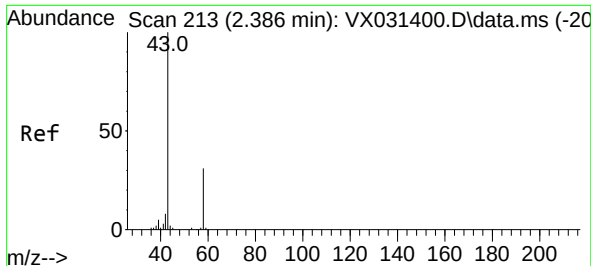
Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.5

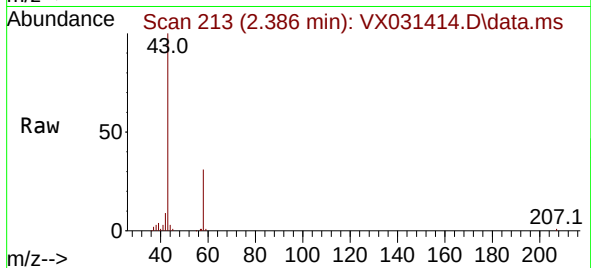
51 37.2 18.1 54.4





#15
Acetone
Concen: 129.333 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

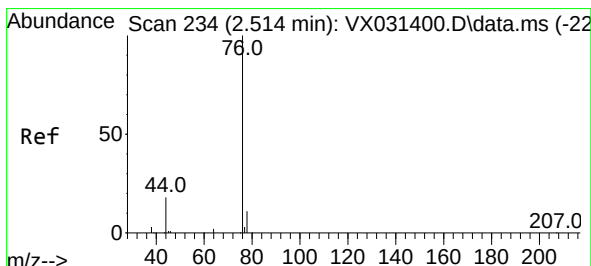
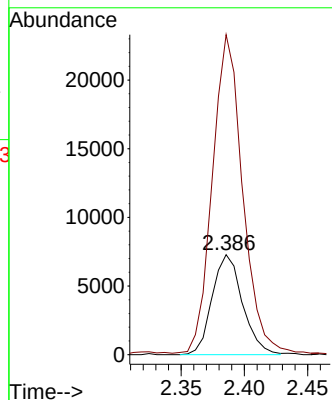
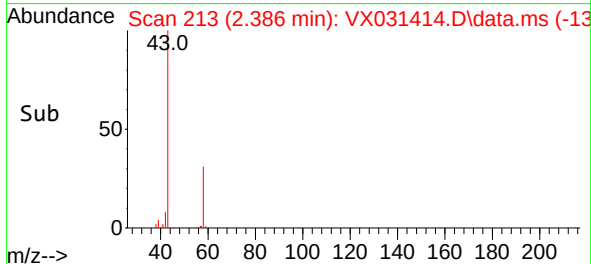
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



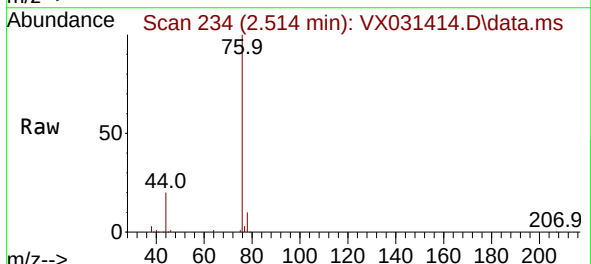
Tgt Ion: 58 Resp: 1215
Ion Ratio Lower Upper
58 100
43 318.0 250.2 375.2

Manual Integrations
APPROVED

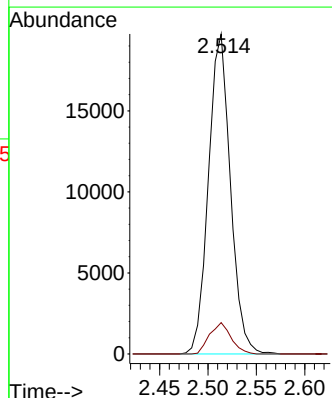
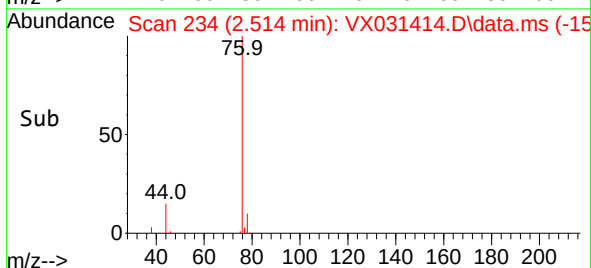
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

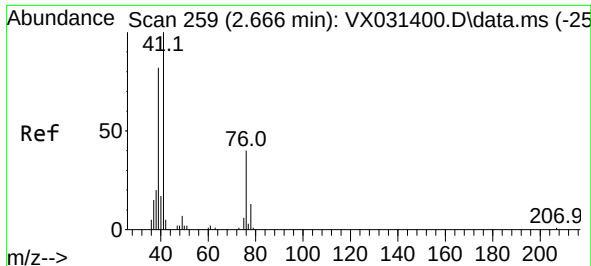


#16
Carbon Disulfide
Concen: 22.640 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



Tgt Ion: 76 Resp: 31230
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7





#17

Allyl chloride

Concen: 25.716 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX031414.D

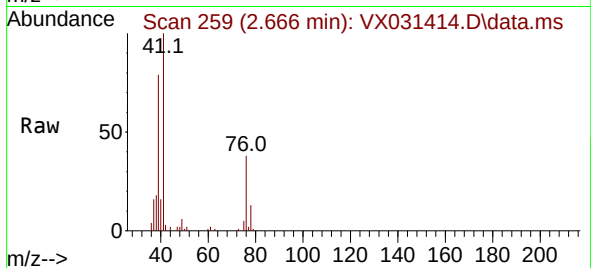
Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03



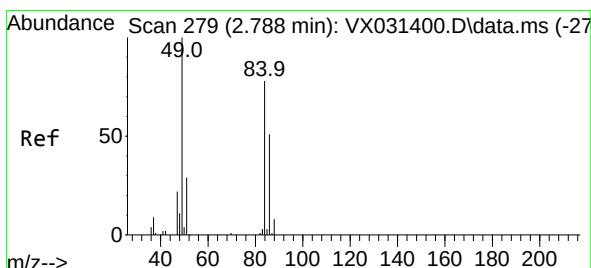
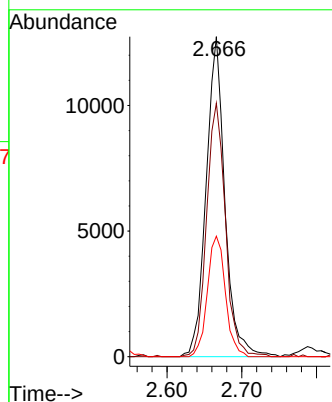
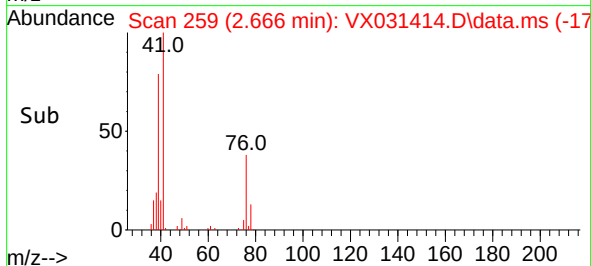
Tgt Ion:	41	Resp:	2227
Ion	Ratio	Lower	Upper
41	100		
39	79.2	35.4	106.1
76	37.6	18.4	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#18

Methylene Chloride

Concen: 28.074 ug/l

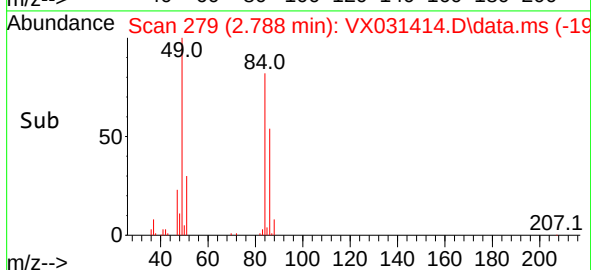
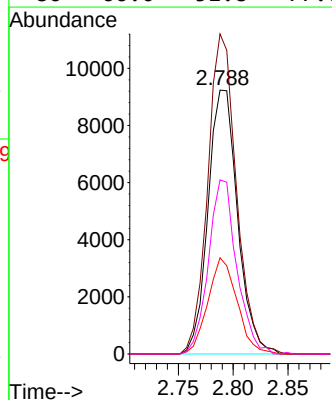
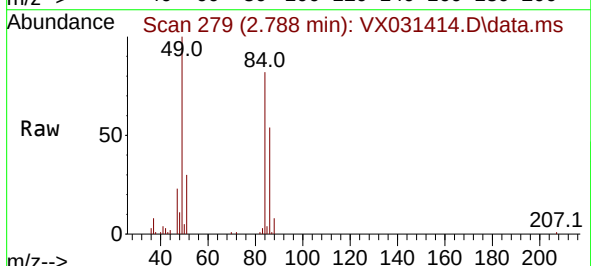
RT: 2.788 min Scan# 279

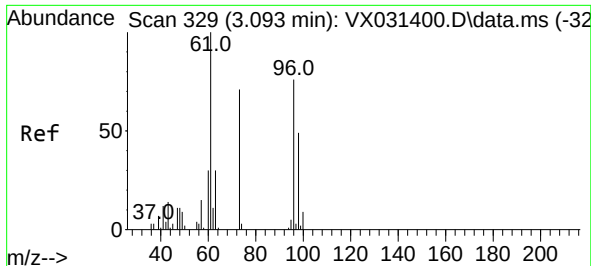
Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

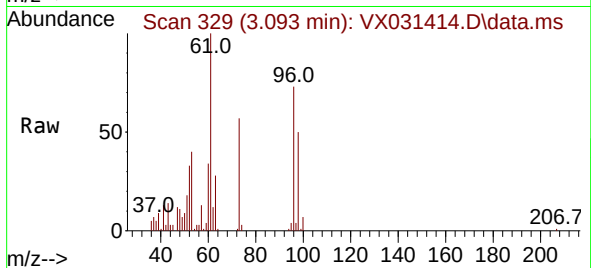
Tgt Ion:	84	Resp:	17355
Ion	Ratio	Lower	Upper
84	100		
49	121.3	94.2	141.2
51	36.4	29.2	43.8
86	66.0	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 25.268 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

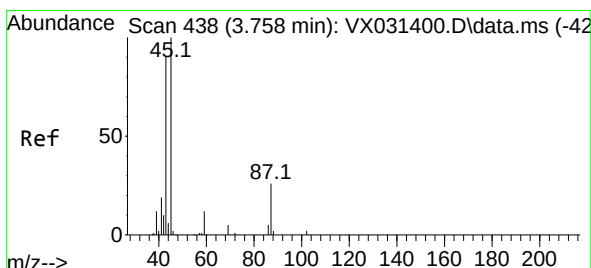
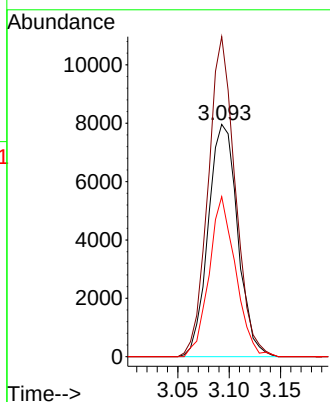
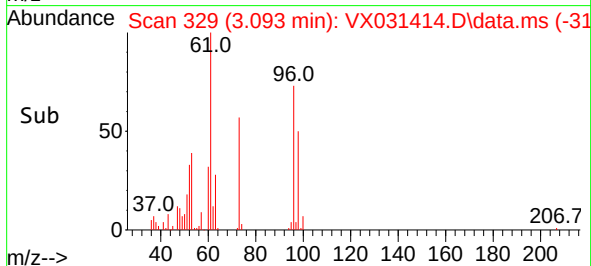
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 96 Resp: 1588
Ion Ratio Lower Upper
96 100
61 137.8 108.7 163.1
98 68.9 49.2 73.8

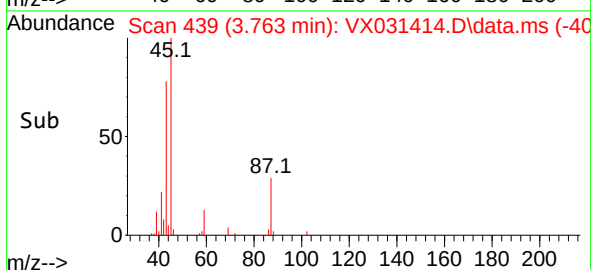
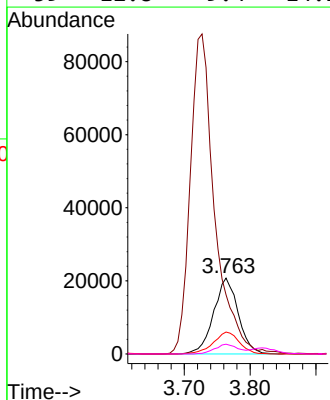
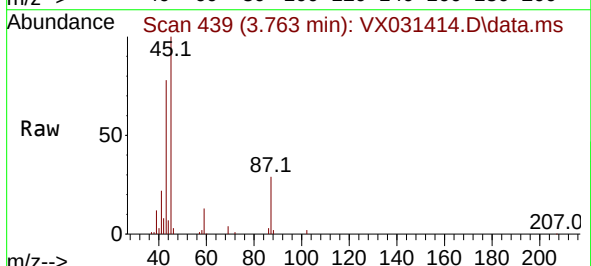
Manual Integrations
APPROVED

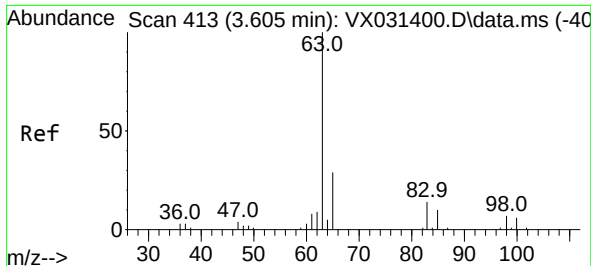
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Diisopropyl ether
Concen: 26.529 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 45 Resp: 53969
Ion Ratio Lower Upper
45 100
43 75.2 70.3 105.5
87 28.8 24.5 36.7
59 12.8 9.4 14.2





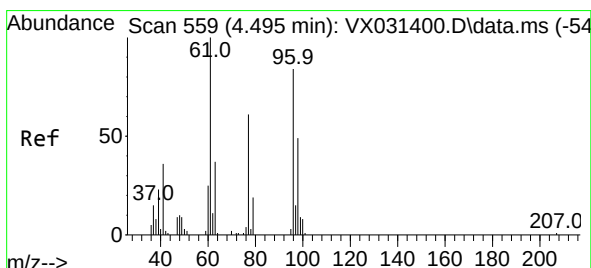
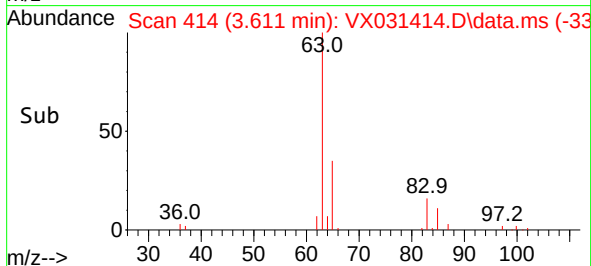
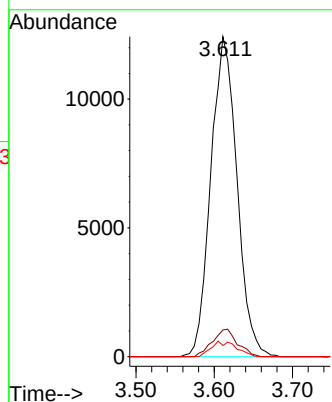
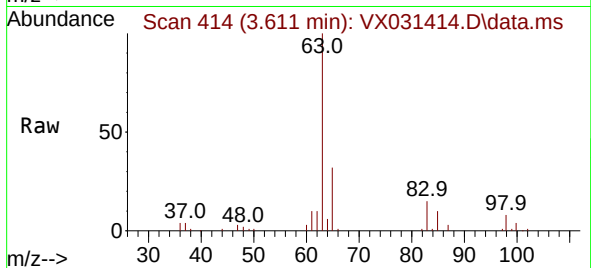
#21
1,1-Dichloroethane
Concen: 26.920 ug/l
RT: 3.611 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 63 Resp: 2886
Ion Ratio Lower Upper
63 100
98 8.4 3.8 11.2
100 3.5 2.5 7.5

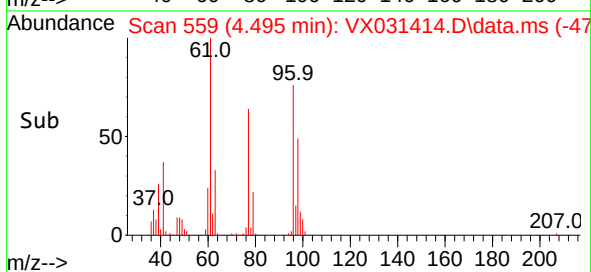
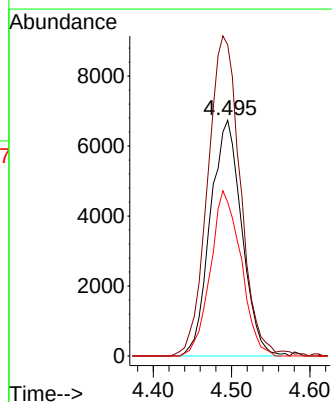
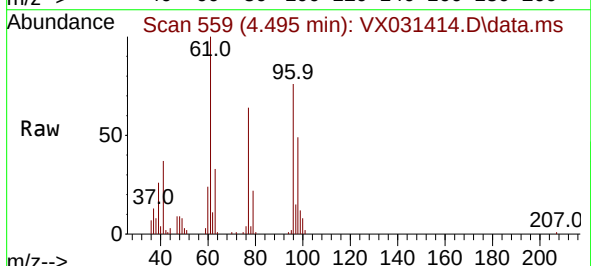
Manual Integrations
APPROVED

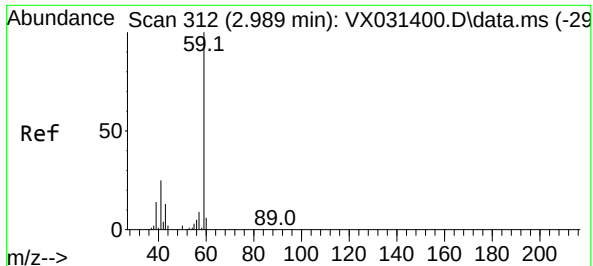
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
cis-1,2-Dichloroethene
Concen: 26.229 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 96 Resp: 18781
Ion Ratio Lower Upper
96 100
61 140.2 107.4 161.2
98 67.9 51.1 76.7





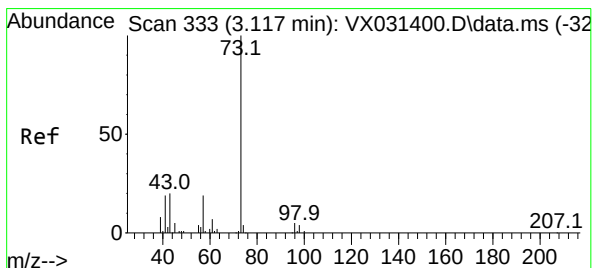
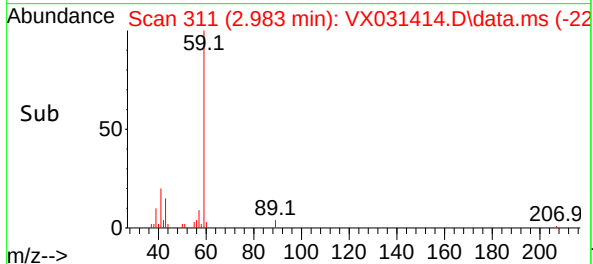
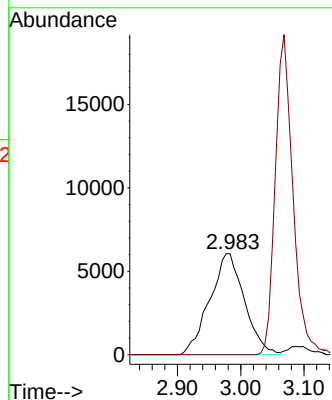
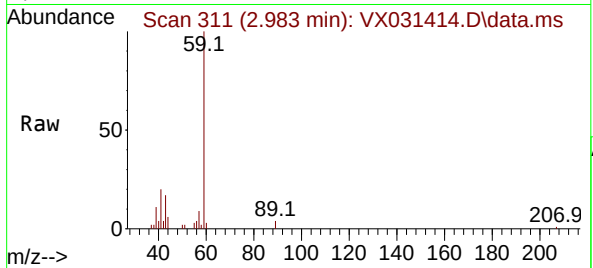
#23
tert-Butyl Alcohol
Concen: 133.661 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 59 Resp: 23084
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

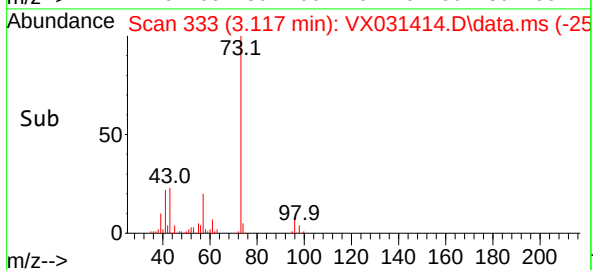
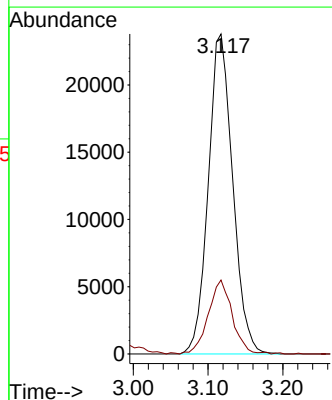
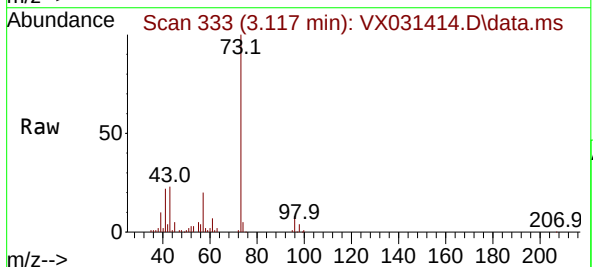
Manual Integrations
APPROVED

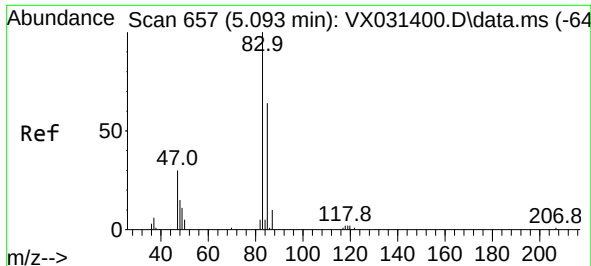
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#24
Methyl tert-Butyl Ether
Concen: 26.669 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

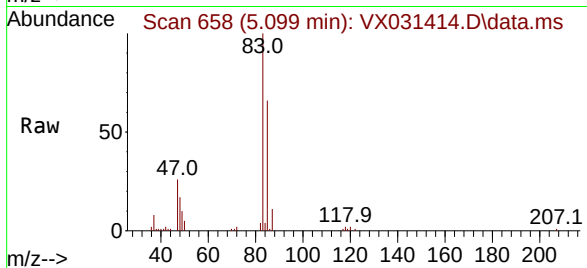
Tgt Ion: 73 Resp: 54003
Ion Ratio Lower Upper
73 100
43 22.5 16.0 24.0





#25
Chloroform
Concen: 26.589 ug/l
RT: 5.099 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

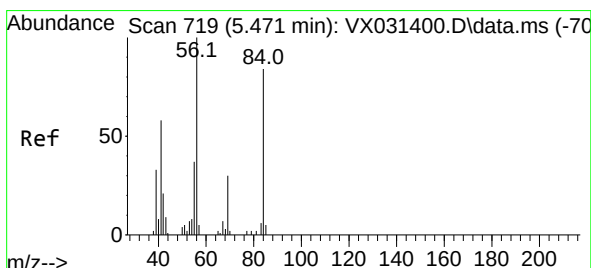
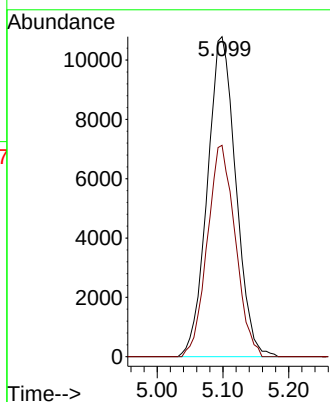
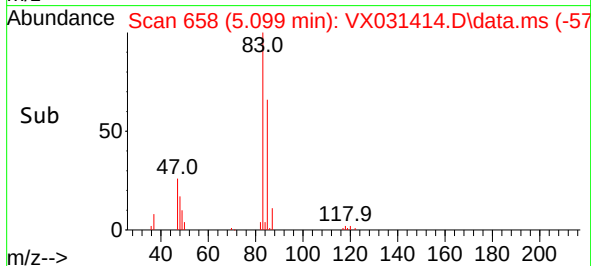
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 83 Resp: 3251
Ion Ratio Lower Upper
83 100
85 66.1 49.9 74.9

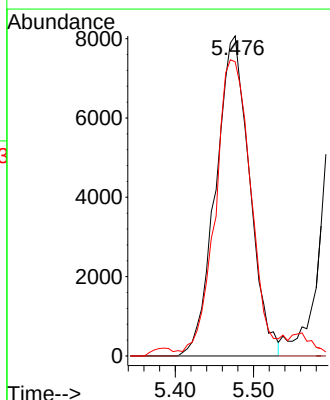
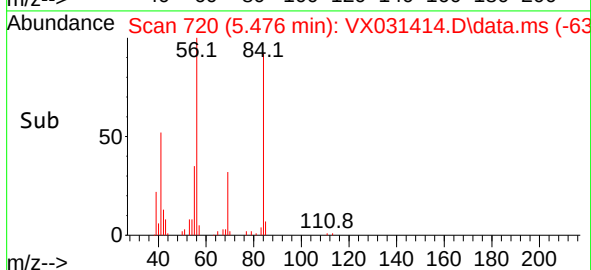
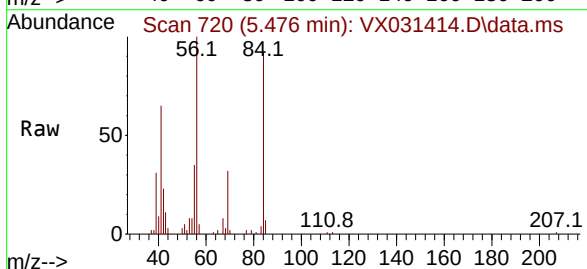
Manual Integrations
APPROVED

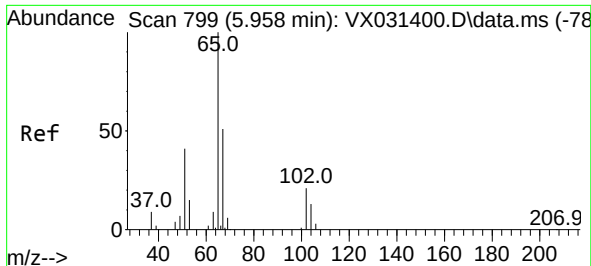
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
Cyclohexane
Concen: 25.031 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

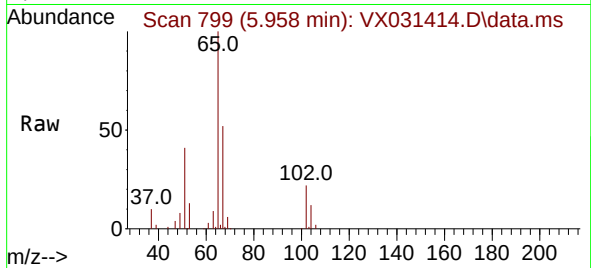
Tgt Ion: 56 Resp: 24236
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 96.4 76.2 114.2





#27
 1,2-Dichloroethane-d4
 Concen: 73.117 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX031414.D
 Acq: 16 Sep 2022 16:49

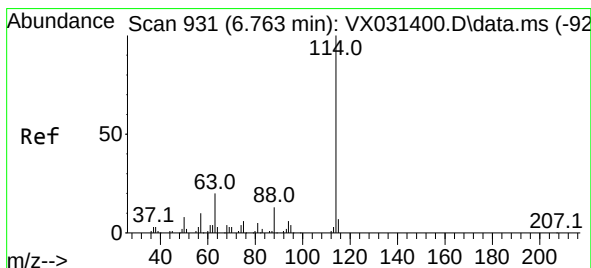
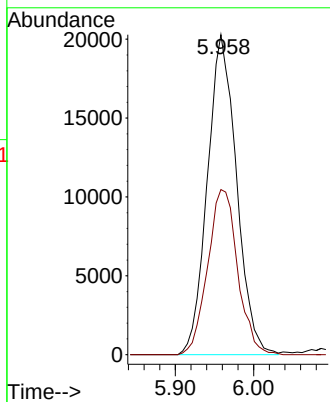
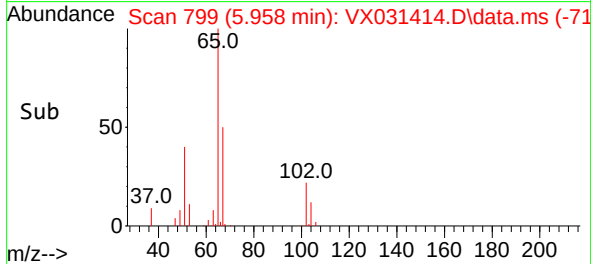
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS03



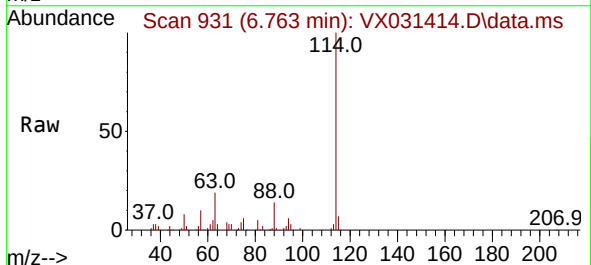
Tgt Ion: 65 Resp: 5238
 Ion Ratio Lower Upper
 65 100
 67 53.1 42.3 63.5

Manual Integrations
 APPROVED

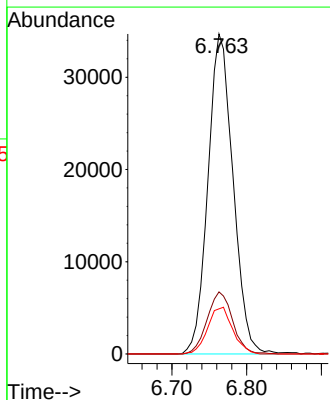
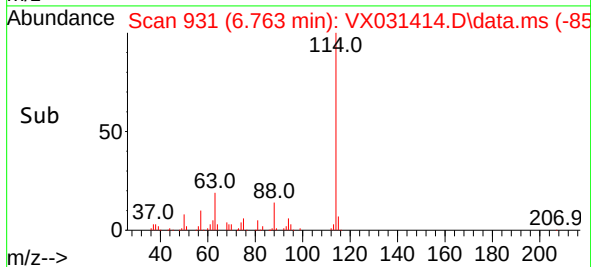
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

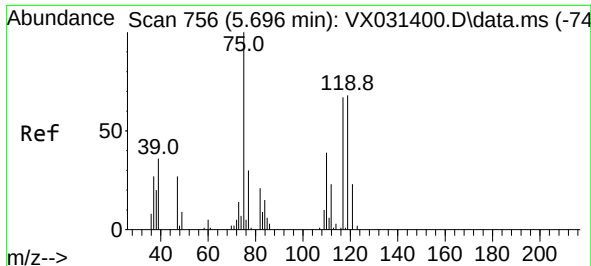


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031414.D
 Acq: 16 Sep 2022 16:49



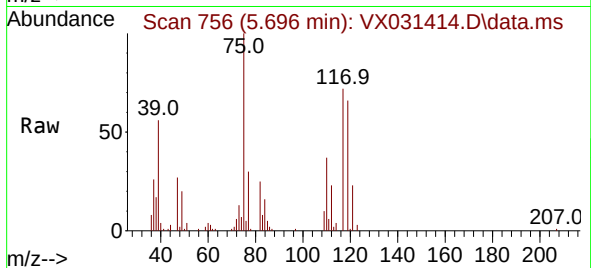
Tgt Ion:114 Resp: 81048
 Ion Ratio Lower Upper
 114 100
 63 19.5 15.3 22.9
 88 14.6 12.2 18.4





#29
1,1-Dichloropropene
Concen: 13.710 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

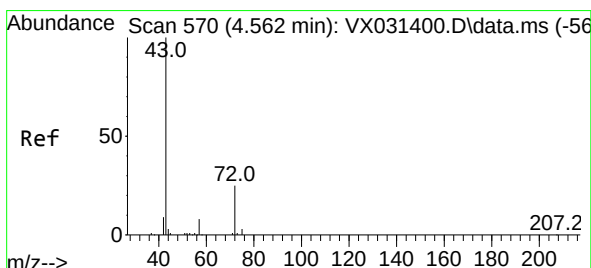
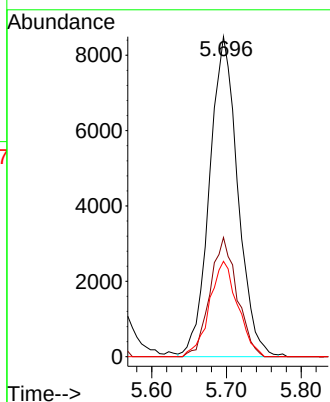
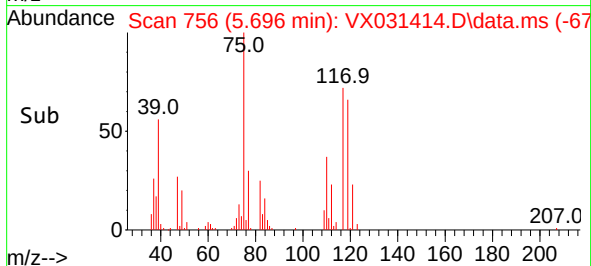
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 75 Resp: 22360
Ion Ratio Lower Upper
75 100
110 35.5 0.0 73.6
77 29.8 0.0 62.2

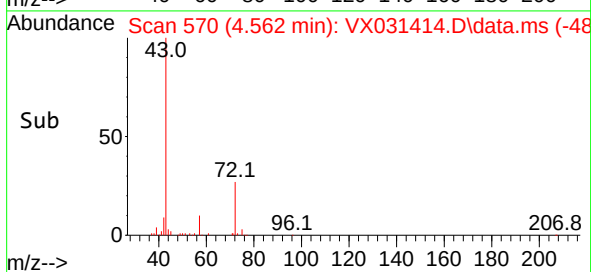
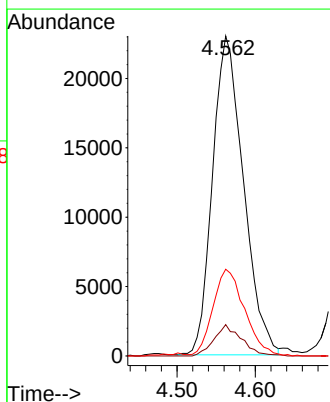
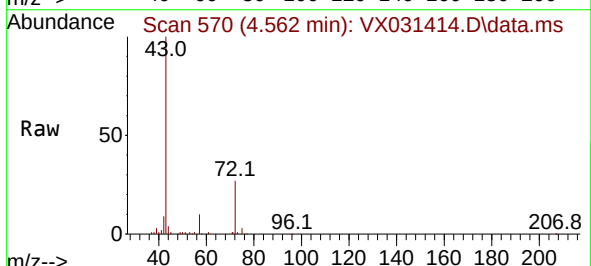
Manual Integrations
APPROVED

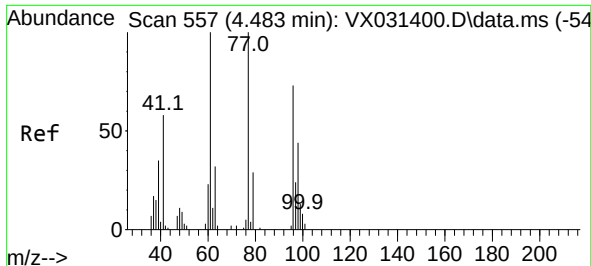
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#30
2-Butanone
Concen: 68.477 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

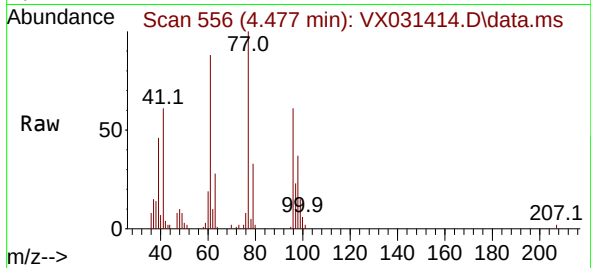
Tgt Ion: 43 Resp: 63024
Ion Ratio Lower Upper
43 100
57 8.8 6.6 10.0
72 27.9 22.1 33.1





#31
2,2-Dichloropropane
Concen: 12.904 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

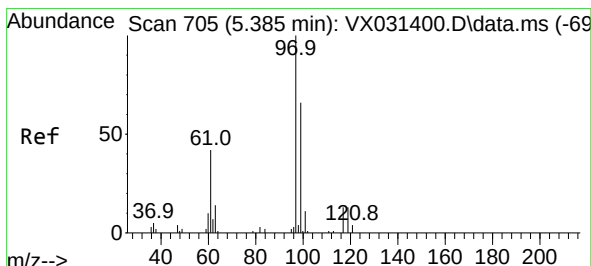
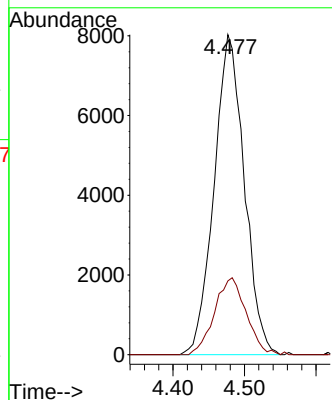
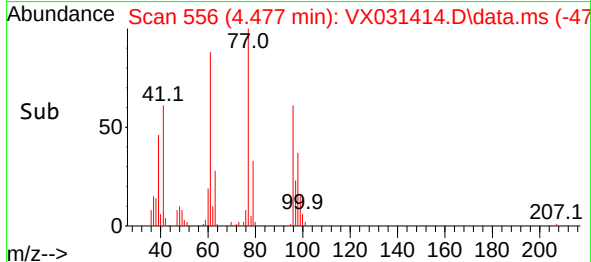
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



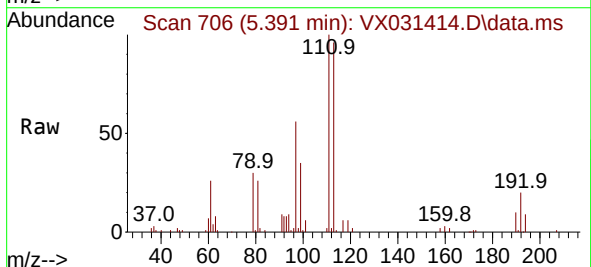
Tgt Ion: 77 Resp: 2354
Ion Ratio Lower Upper
77 100
97 24.9 18.4 27.6

Manual Integrations
APPROVED

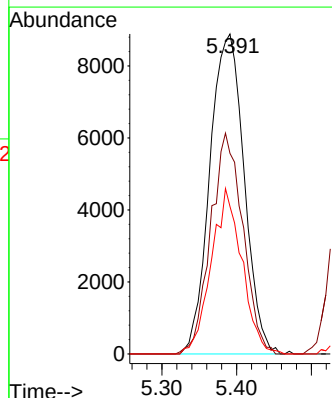
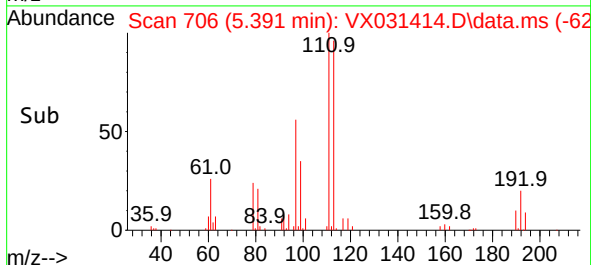
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

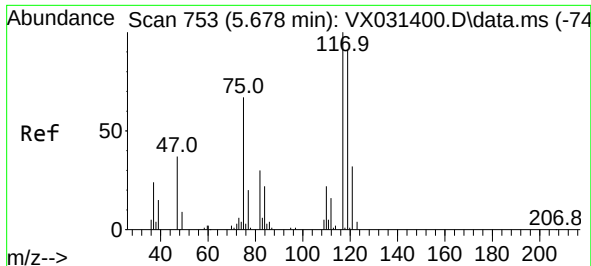


#32
1,1,1-Trichloroethane
Concen: 14.054 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



Tgt Ion: 97 Resp: 28359
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 46.3 33.4 50.0





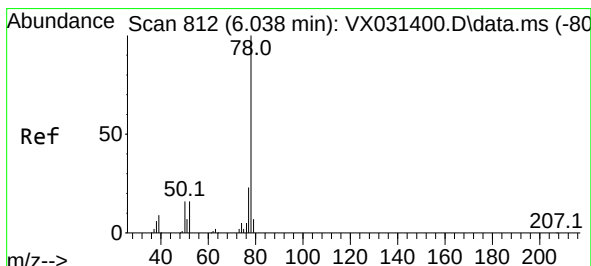
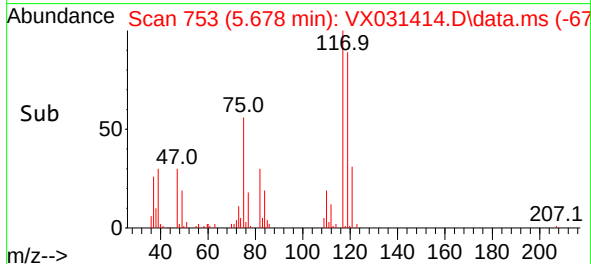
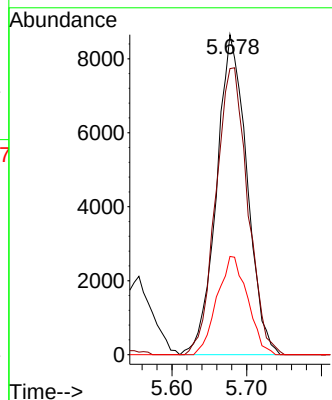
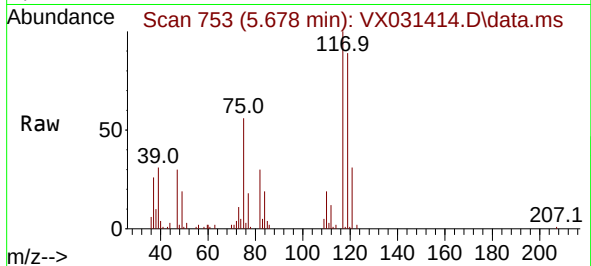
#33
Carbon Tetrachloride
Concen: 13.718 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 117 Resp: 2446
Ion Ratio Lower Upper
117 100
119 89.4 75.3 112.9
121 30.7 24.1 36.1

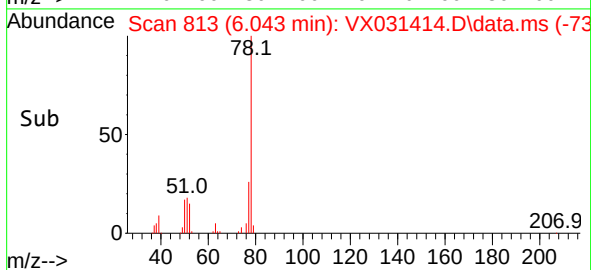
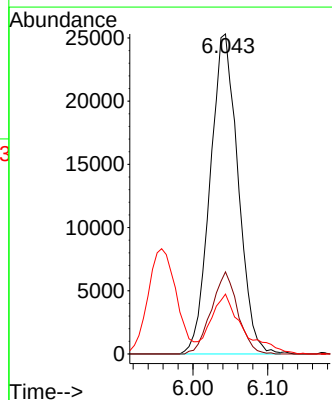
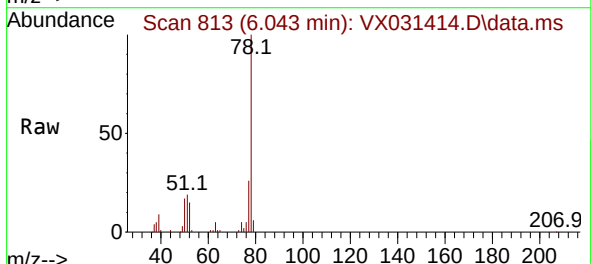
Manual Integrations
APPROVED

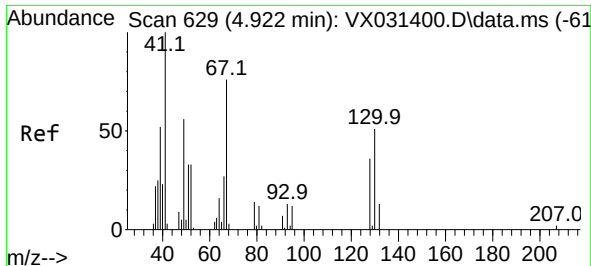
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#34
Benzene
Concen: 13.691 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

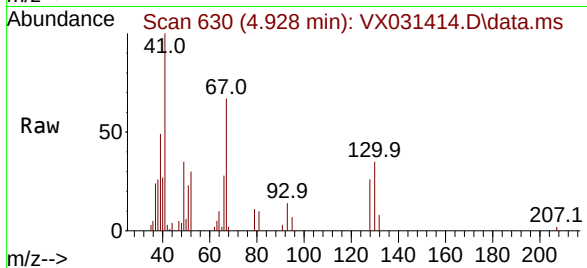
Tgt Ion: 78 Resp: 65731
Ion Ratio Lower Upper
78 100
77 25.7 18.5 27.7
51 17.2 12.9 19.3





#35
Methacrylonitrile
Concen: 14.812 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

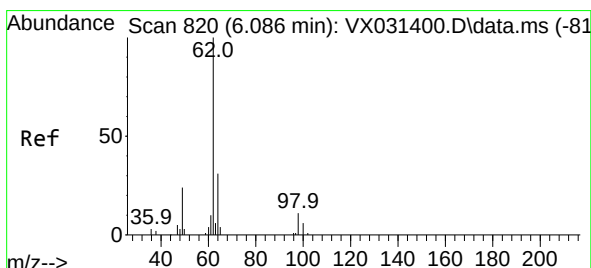
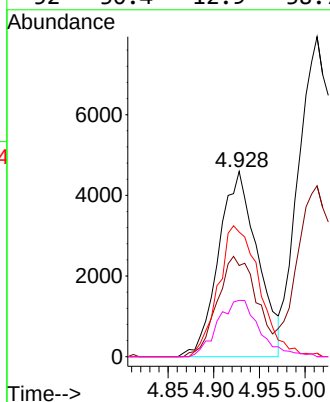
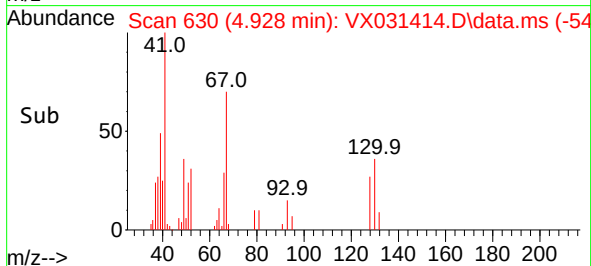
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion	Ratio	Lower	Upper
41	100		
39	49.2	27.0	81.0
67	67.3	33.3	99.8
52	30.4	12.9	38.7

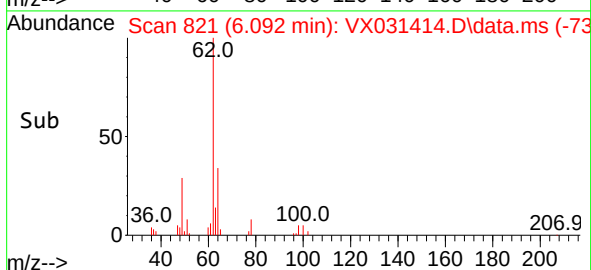
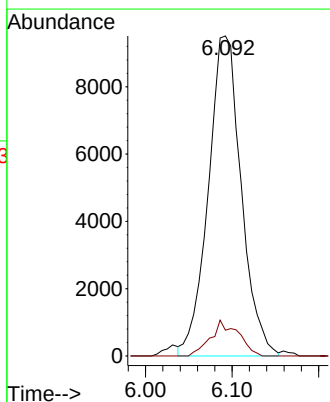
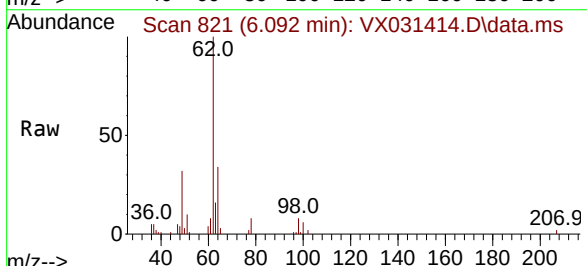
Manual Integrations
APPROVED

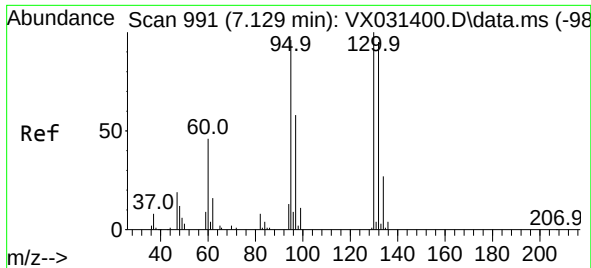
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#36
1,2-Dichloroethane
Concen: 13.871 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.3	7.4	11.0#





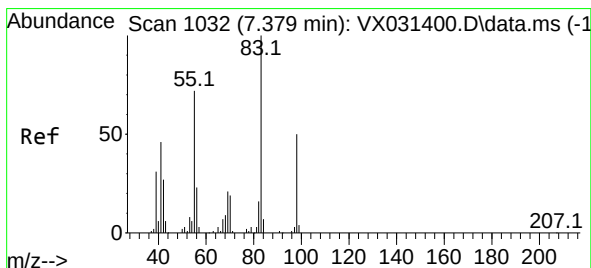
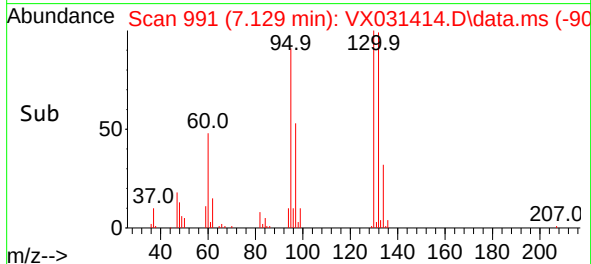
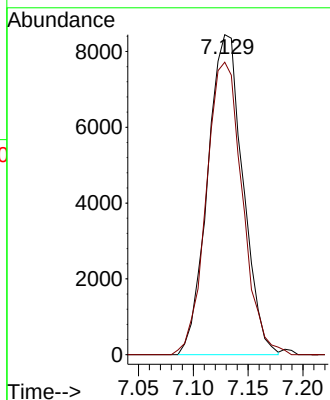
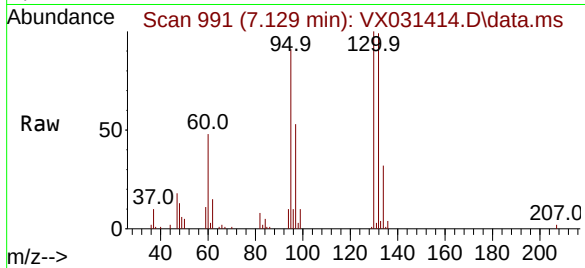
#37
Trichloroethene
Concen: 14.550 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion:130 Resp: 1891
Ion Ratio Lower Upper
130 100
95 89.9 76.5 114.7

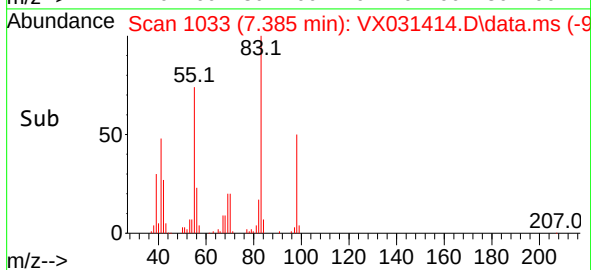
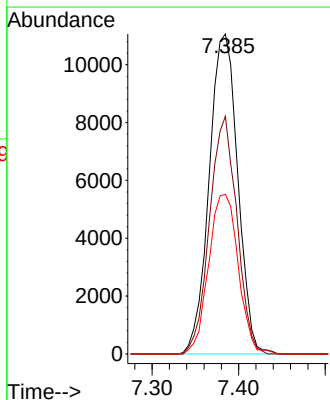
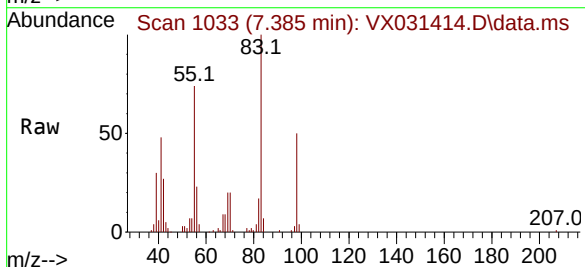
Manual Integrations
APPROVED

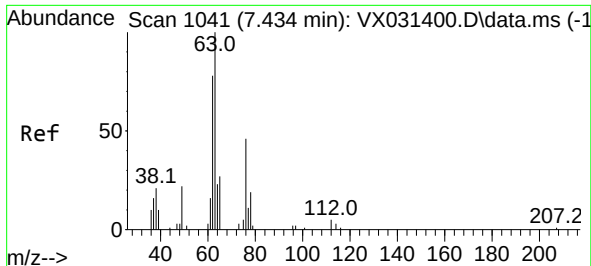
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#38
Methylcyclohexane
Concen: 13.298 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 83 Resp: 25359
Ion Ratio Lower Upper
83 100
55 70.9 37.0 110.9
98 51.4 25.9 77.8





#39

1,2-Dichloropropane

Concen: 15.177 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03

Tgt Ion: 63 Resp: 1748

Ion Ratio Lower Upper

63 100

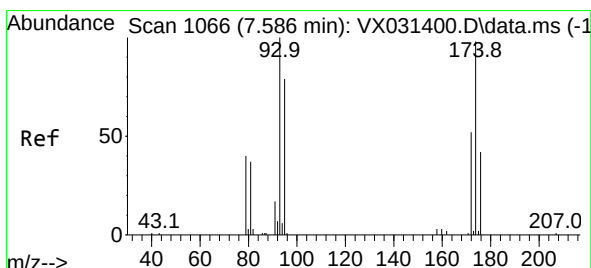
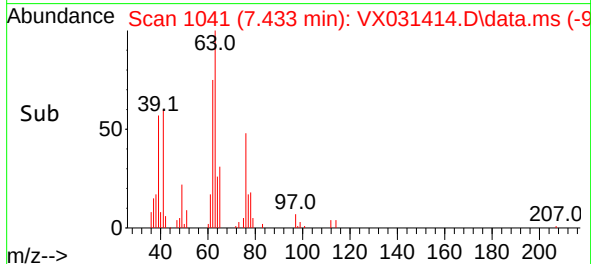
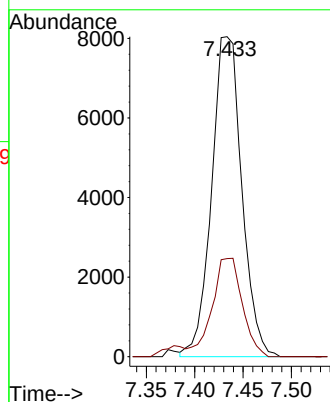
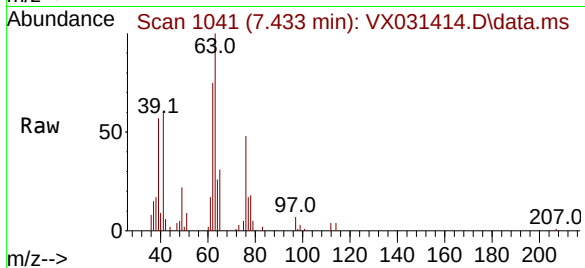
65 30.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Dibromomethane

Concen: 14.537 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

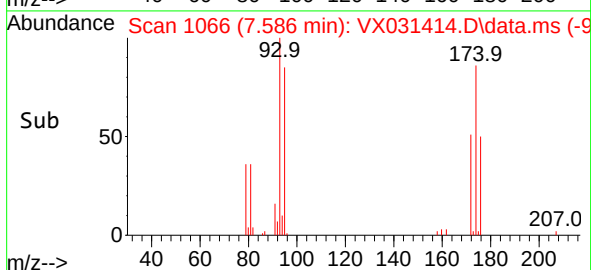
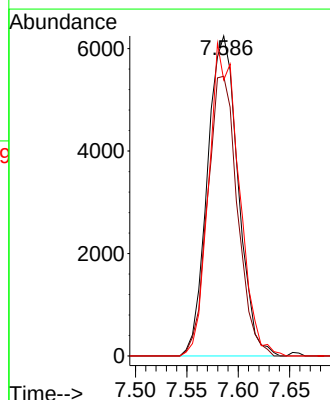
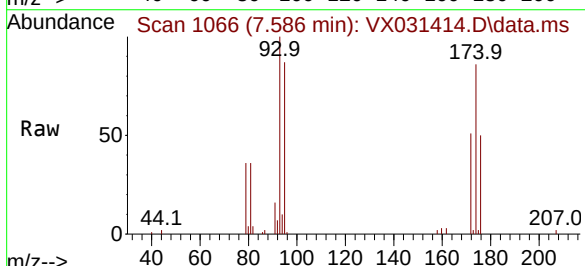
Tgt Ion: 93 Resp: 12948

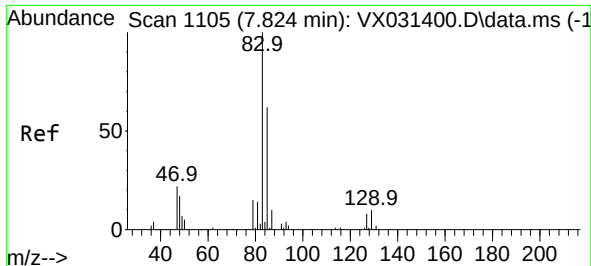
Ion Ratio Lower Upper

93 100

95 85.1 0.0 168.8

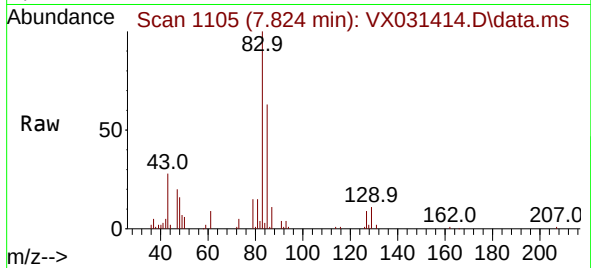
174 95.7 0.0 220.8





#41
Bromodichloromethane
Concen: 14.382 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

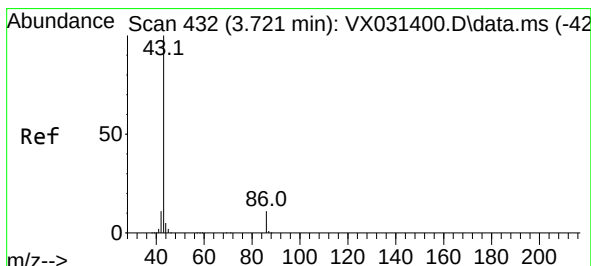
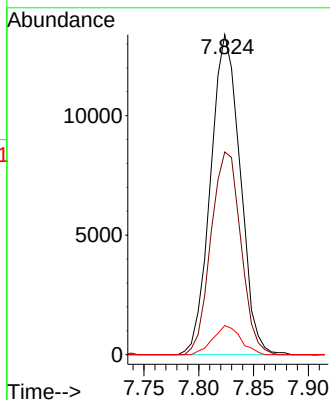
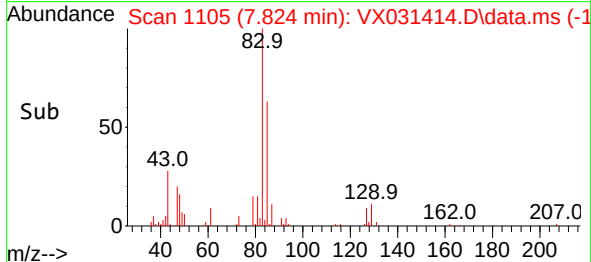
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 83 Resp: 2513
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8
127 9.1 7.0 10.6

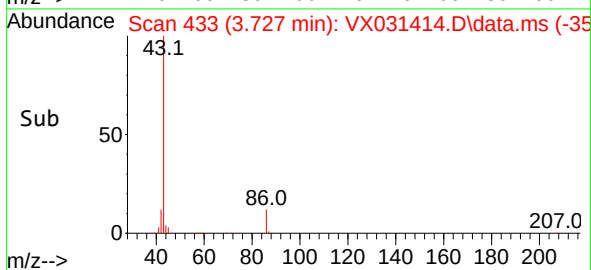
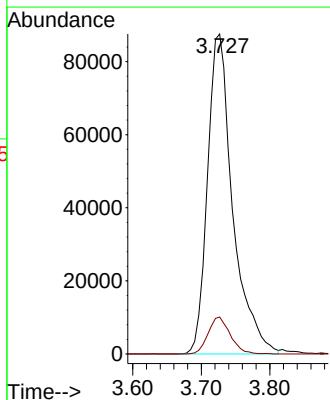
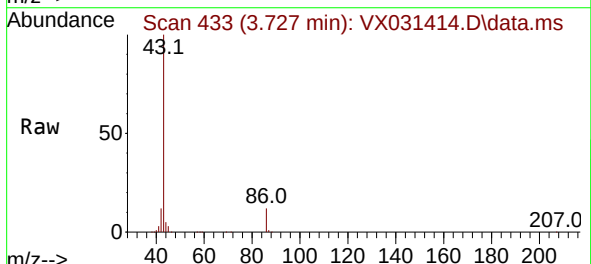
Manual Integrations
APPROVED

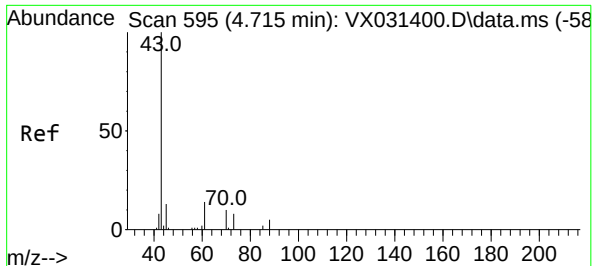
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
Vinyl Acetate
Concen: 67.866 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 43 Resp: 224084
Ion Ratio Lower Upper
43 100
86 10.1 8.5 12.7





#43

Ethyl Acetate

Concen: 14.059 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

43 100

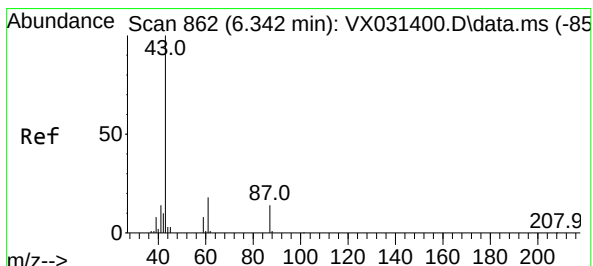
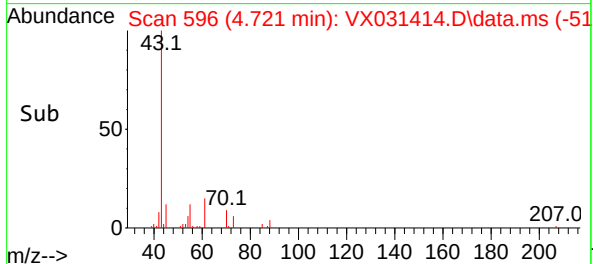
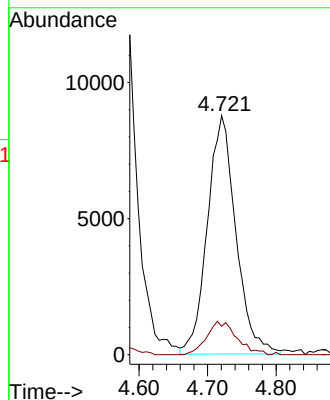
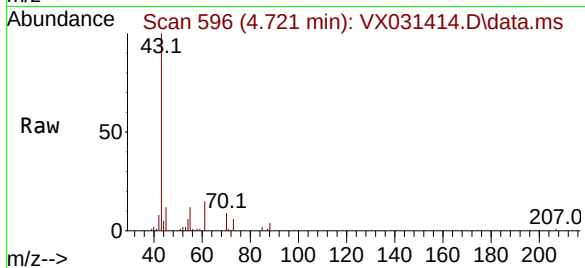
45 7.8 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#44

Isopropyl Acetate

Concen: 13.903 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX031414.D

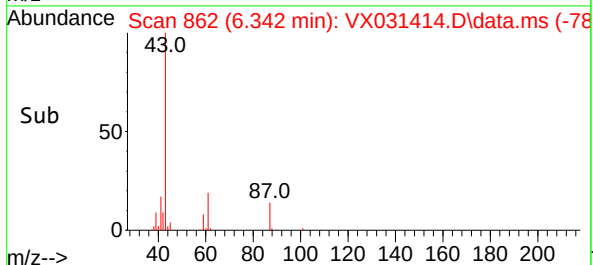
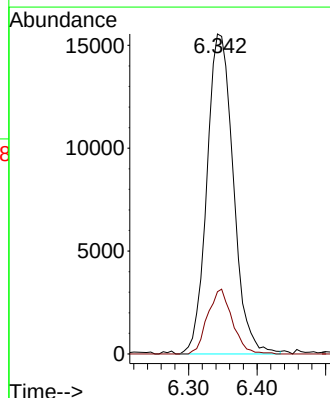
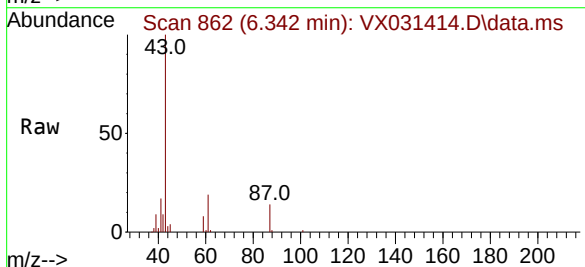
Acq: 16 Sep 2022 16:49

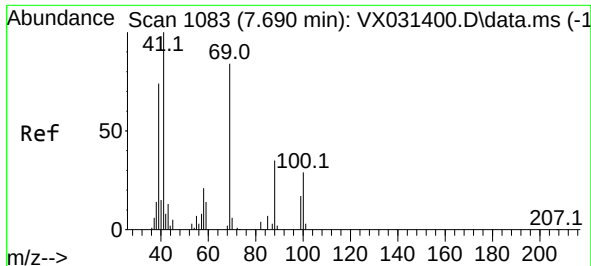
Tgt Ion: 43 Resp: 41685

Ion Ratio Lower Upper

43 100

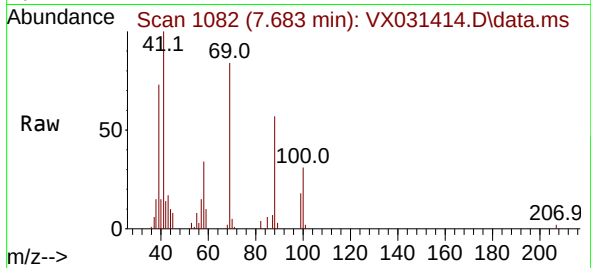
61 18.7 17.0 25.4





#45
1,4-Dioxane
Concen: 234.419 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

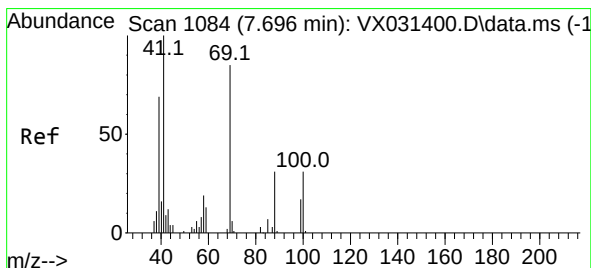
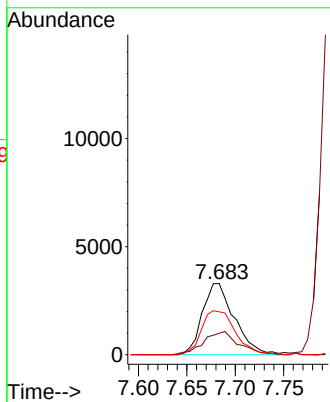
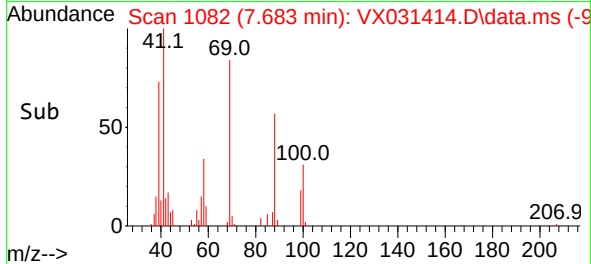
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 88 Resp: 7580
Ion Ratio Lower Upper
88 100
43 35.4 25.8 38.6
58 65.3 54.8 82.2

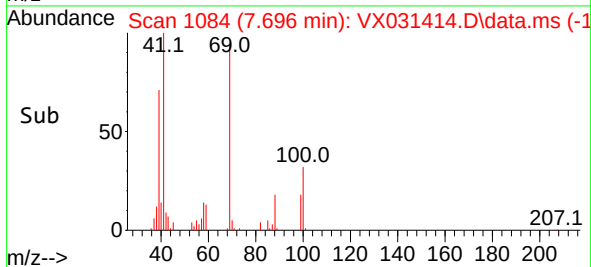
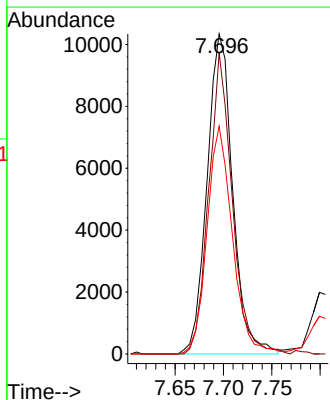
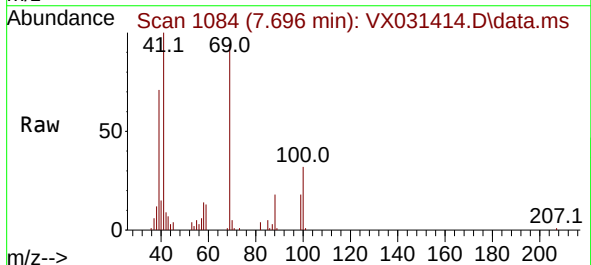
Manual Integrations
APPROVED

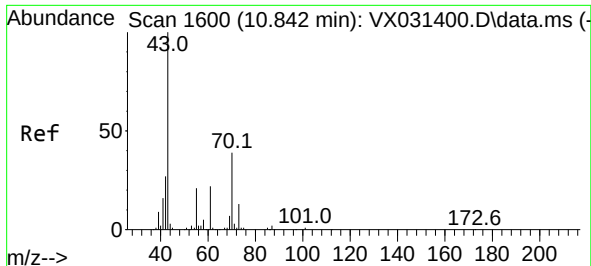
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#46
Methyl methacrylate
Concen: 14.179 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 41 Resp: 19030
Ion Ratio Lower Upper
41 100
69 94.1 41.9 125.8
39 71.1 27.5 82.5





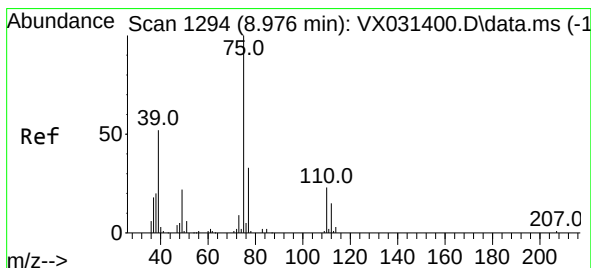
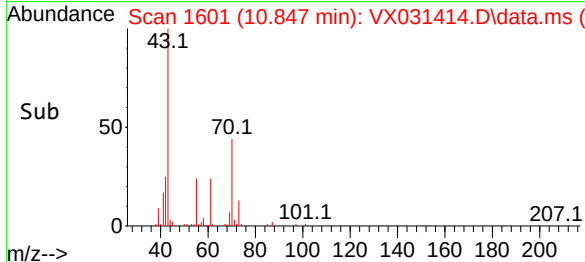
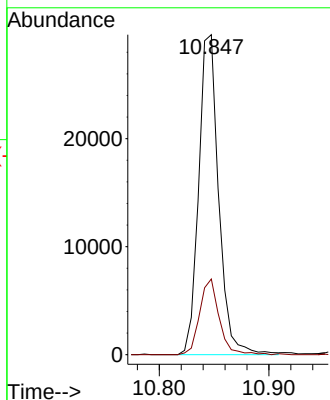
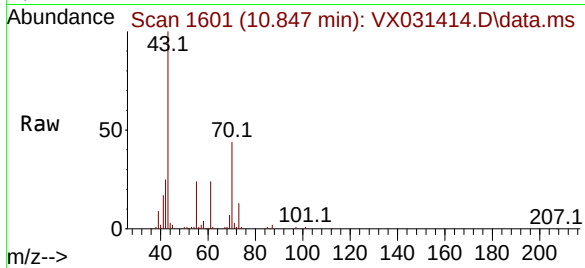
#47
n-amyl acetate
Concen: 14.065 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 43 Resp: 3762
Ion Ratio Lower Upper
43 100
55 23.1 20.4 30.6

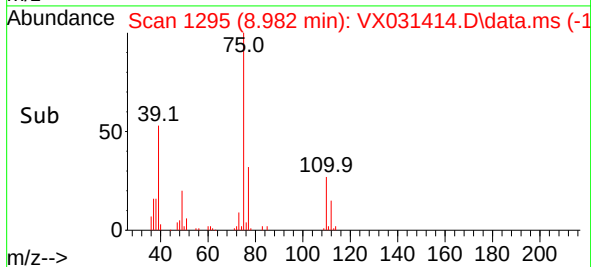
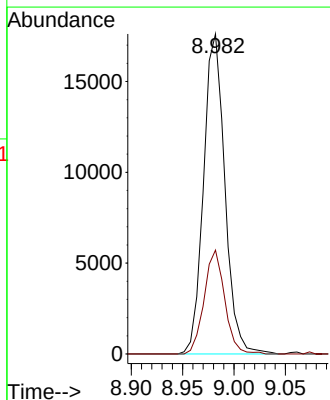
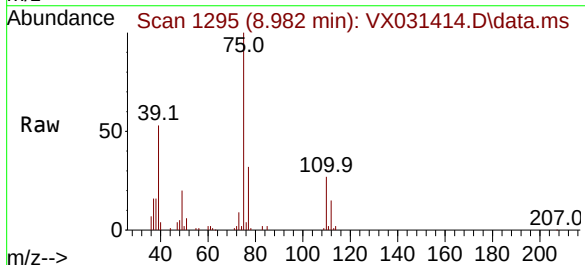
Manual Integrations
APPROVED

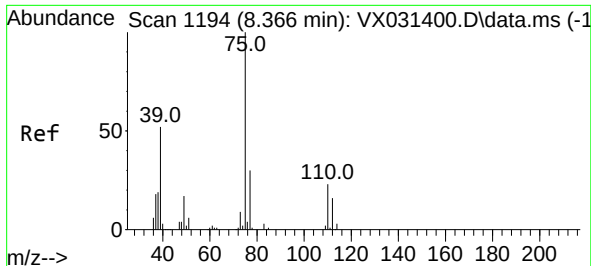
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#48
t-1,3-Dichloropropene
Concen: 12.769 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 75 Resp: 25440
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 13.639 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03

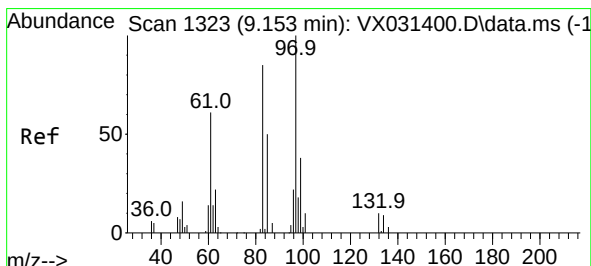
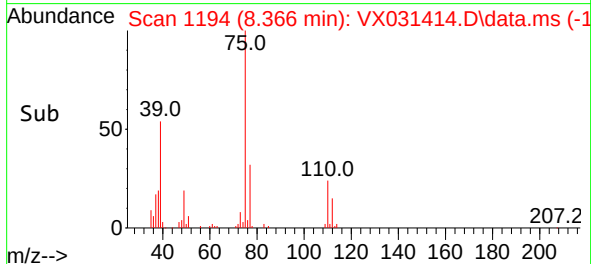
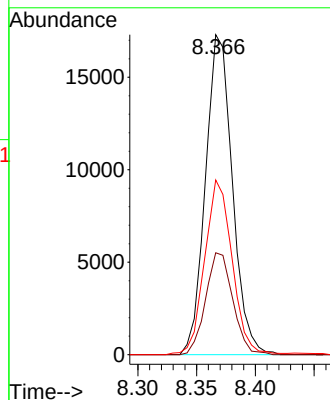
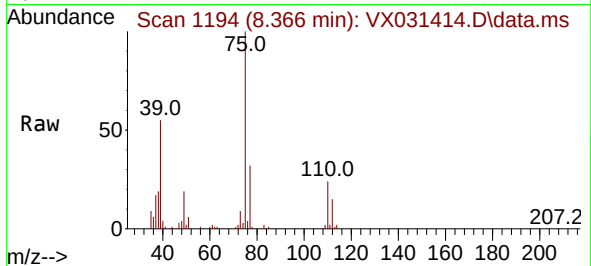
Tgt Ion:	75	Resp:	27639
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.2	37.8
39	54.2	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

1,1,2-Trichloroethane

Concen: 13.921 ug/l

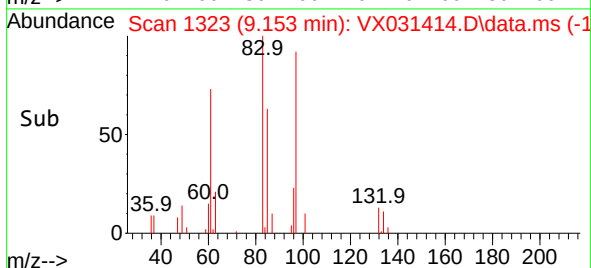
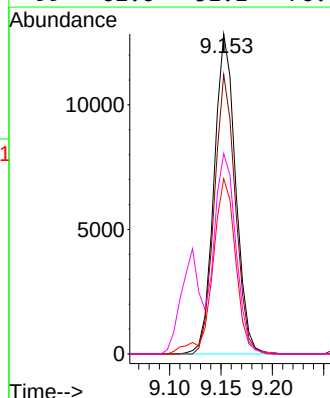
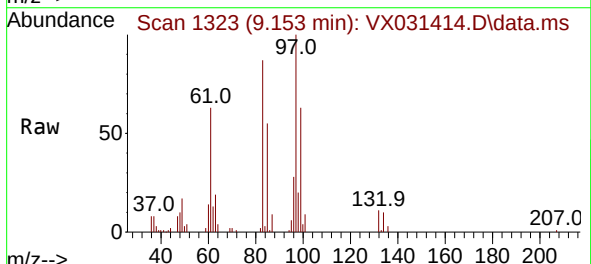
RT: 9.153 min Scan# 1323

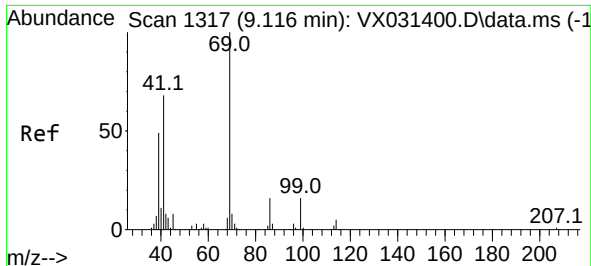
Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

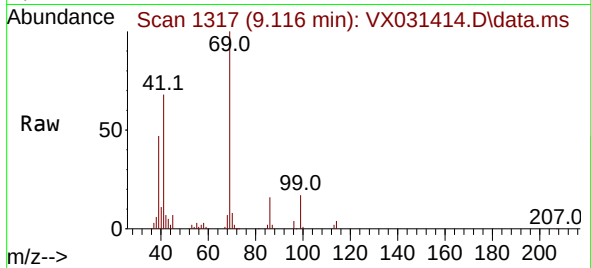
Tgt Ion:	97	Resp:	18752
Ion Ratio	Lower	Upper	
97	100		
83	87.3	66.2	99.4
85	54.8	40.4	60.6
99	62.6	51.1	76.7





#51
Ethyl methacrylate
Concen: 13.673 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

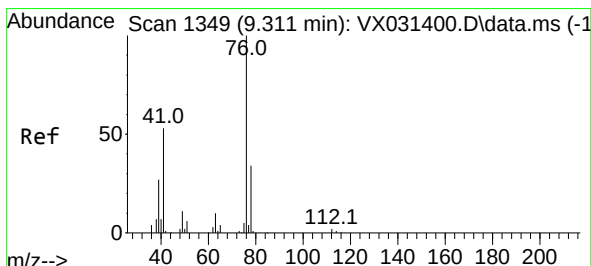
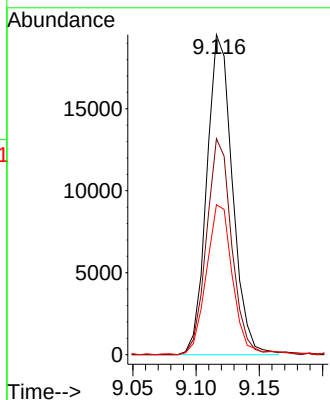
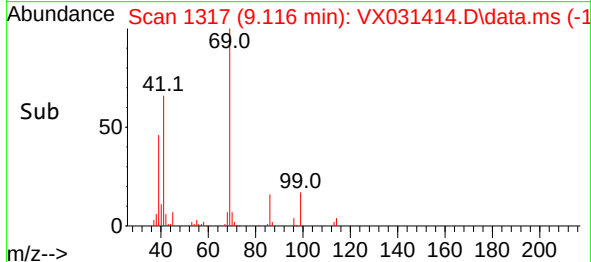
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 69 Resp: 2752
Ion Ratio Lower Upper
69 100
41 67.5 32.1 96.5
39 46.9 18.3 54.9

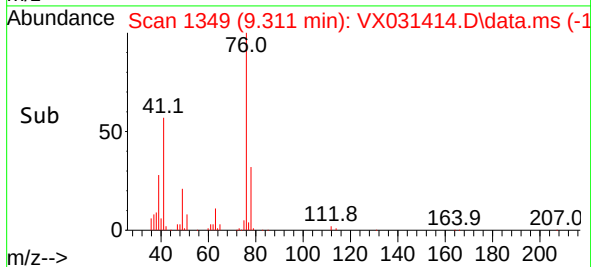
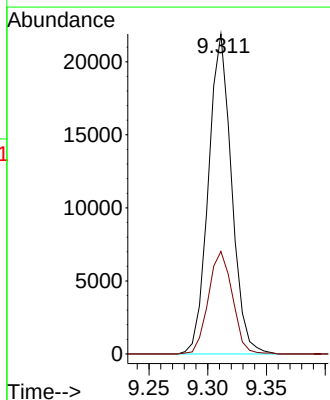
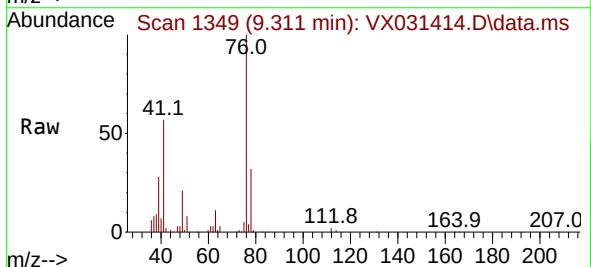
Manual Integrations
APPROVED

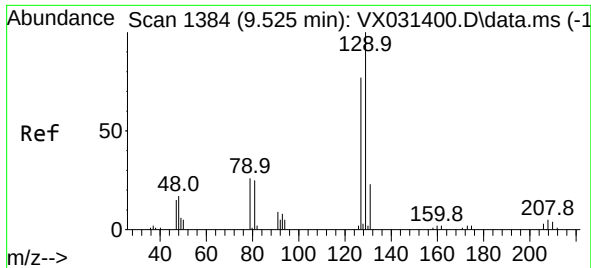
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
1,3-Dichloropropane
Concen: 13.719 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

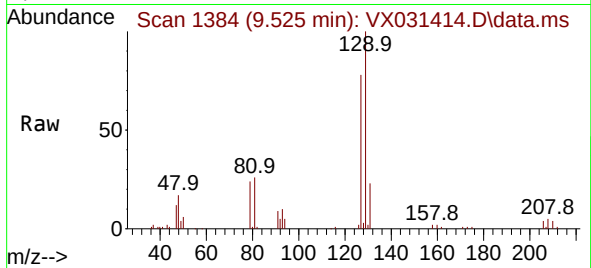
Tgt Ion: 76 Resp: 30006
Ion Ratio Lower Upper
76 100
78 33.4 0.0 64.4





#53
Dibromochloromethane
Concen: 12.934 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

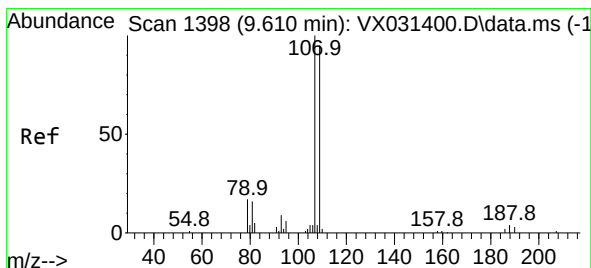
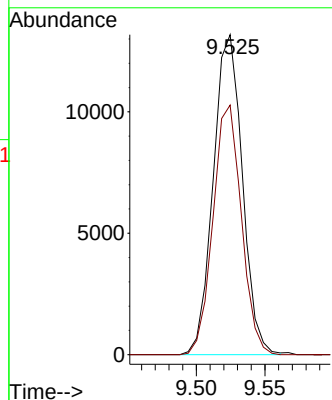
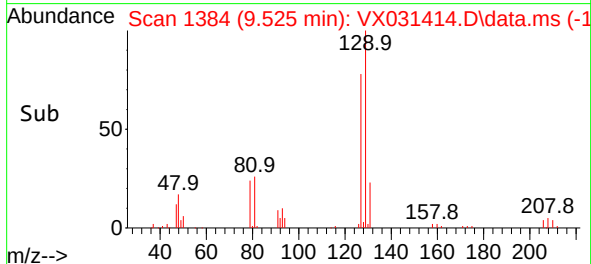
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



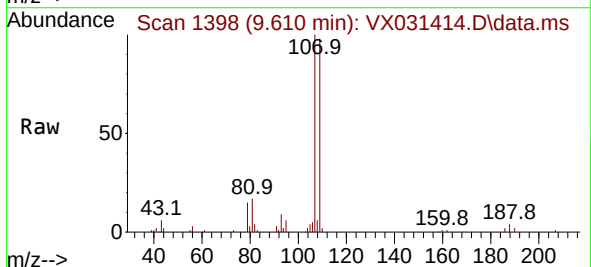
Tgt Ion:129 Resp: 19439
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1

Manual Integrations
APPROVED

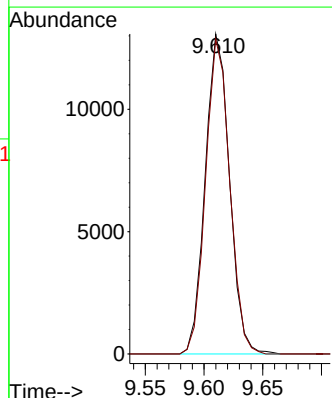
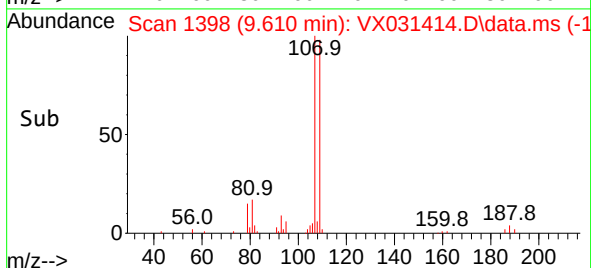
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

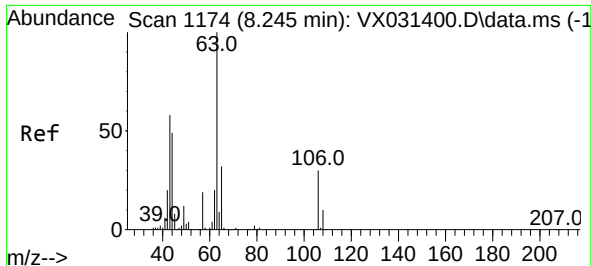


#54
1,2-Dibromoethane
Concen: 12.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



Tgt Ion:107 Resp: 18828
Ion Ratio Lower Upper
107 100
109 97.3 76.2 114.4





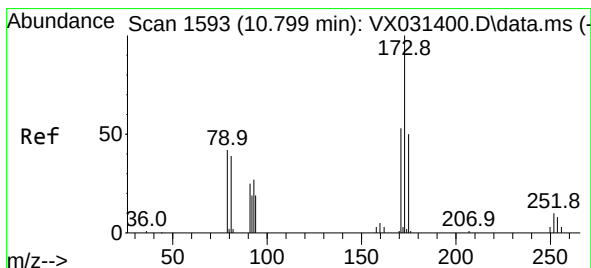
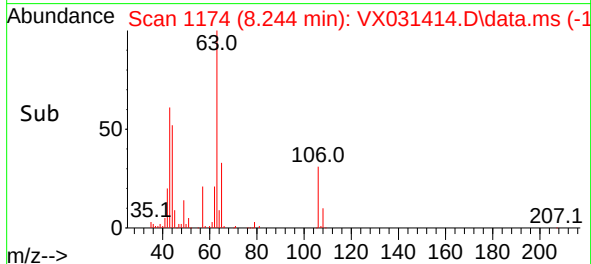
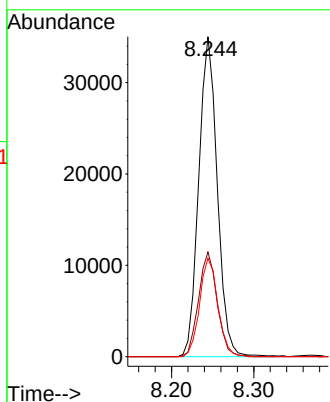
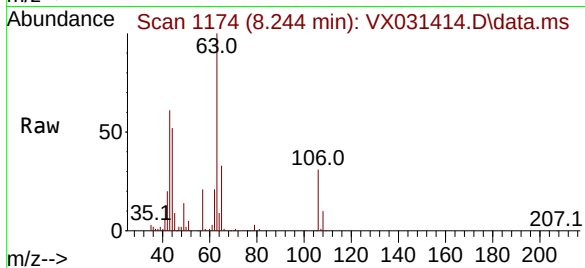
#55
2-Chloroethyl vinyl ether
Concen: 53.065 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 63 Resp: 54874
Ion Ratio Lower Upper
63 100
65 32.7 25.9 38.9
106 30.4 25.8 38.6

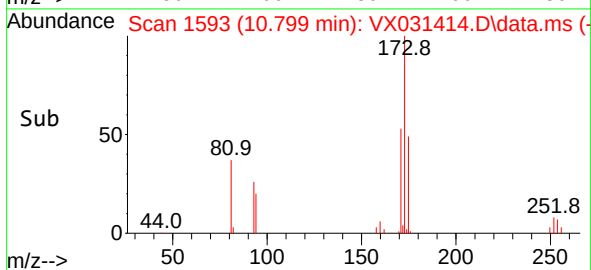
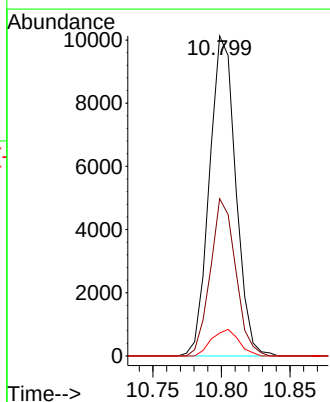
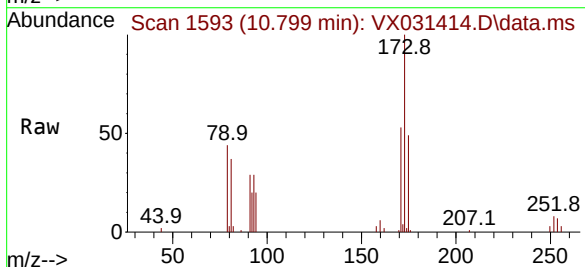
Manual Integrations
APPROVED

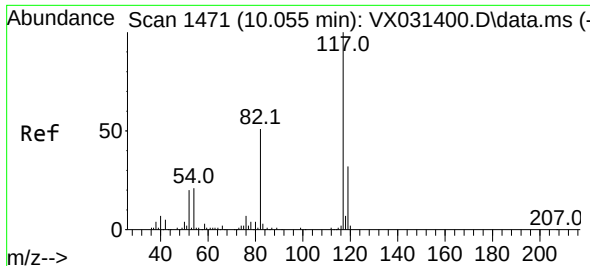
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#56
Bromoform
Concen: 12.021 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

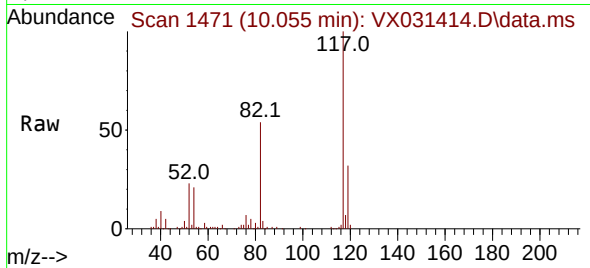
Tgt Ion:173 Resp: 13527
Ion Ratio Lower Upper
173 100
175 47.2 40.3 60.5
254 8.6 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

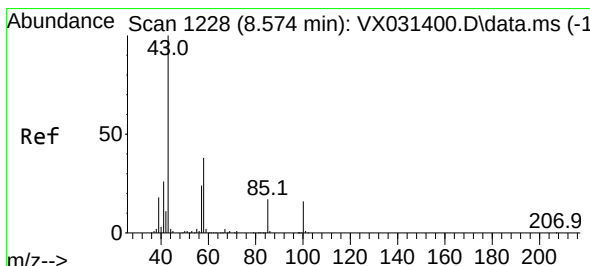
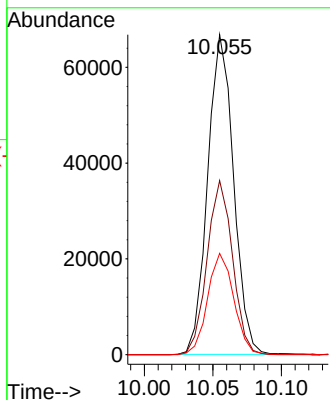
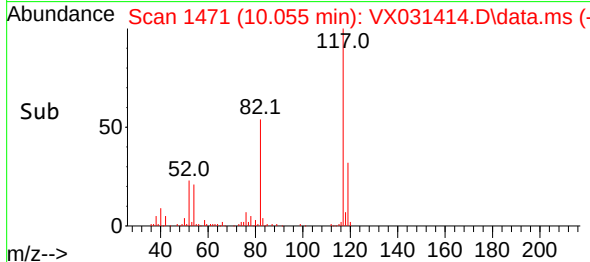
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



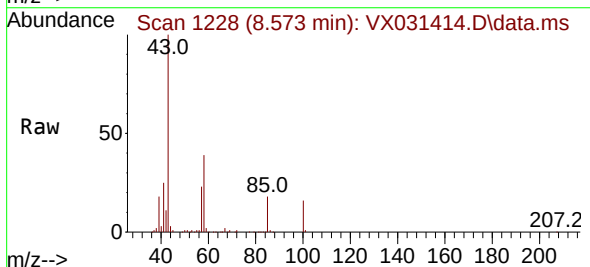
Tgt Ion: 117 Resp: 87637
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.1 26.2 39.2

Manual Integrations
APPROVED

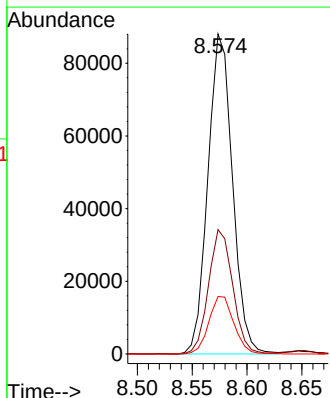
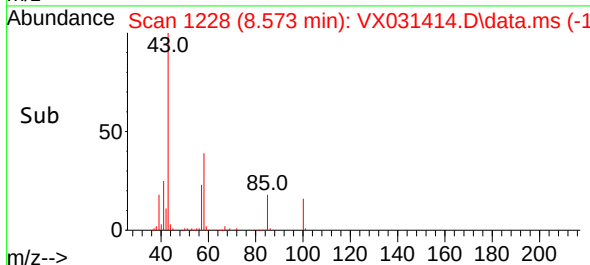
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

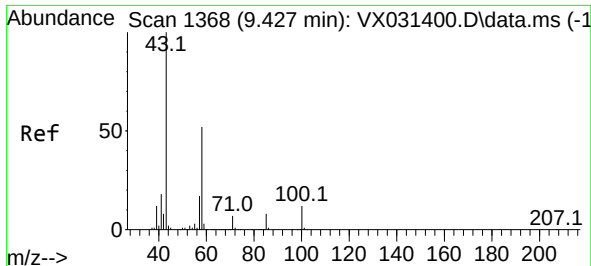


#58
4-Methyl-2-Pentanone
Concen: 65.622 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



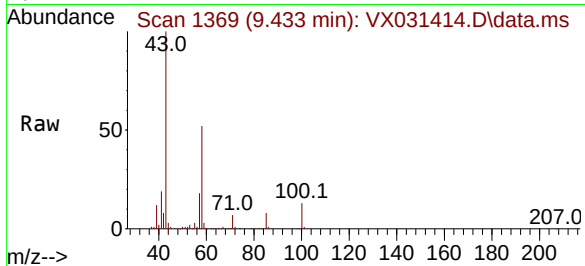
Tgt Ion: 43 Resp: 137775
Ion Ratio Lower Upper
43 100
58 38.1 31.8 47.6
85 18.3 15.8 23.6





#59
2-Hexanone
Concen: 64.146 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

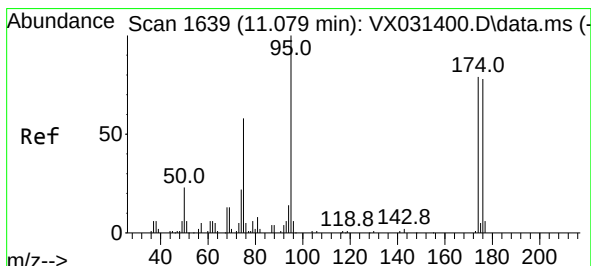
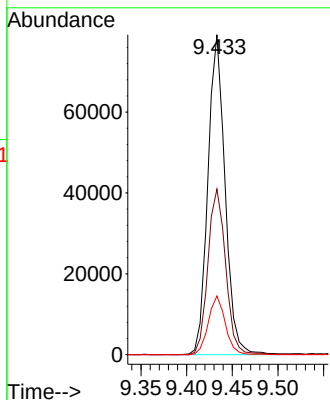
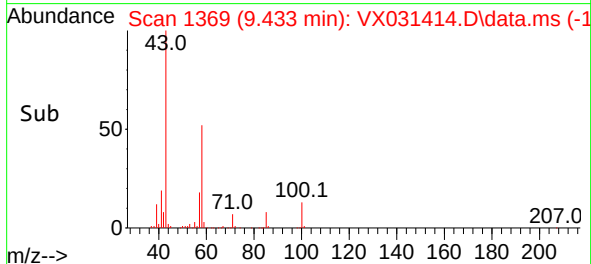
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 43 Resp: 10314
Ion Ratio Lower Upper
43 100
58 53.4 44.1 66.1
57 18.1 16.2 24.2

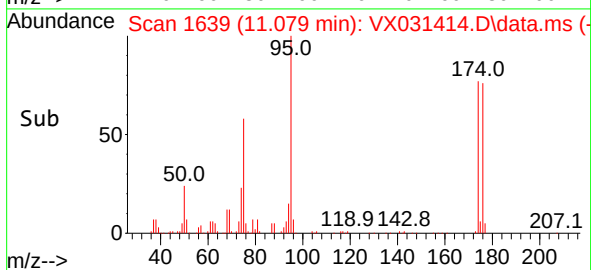
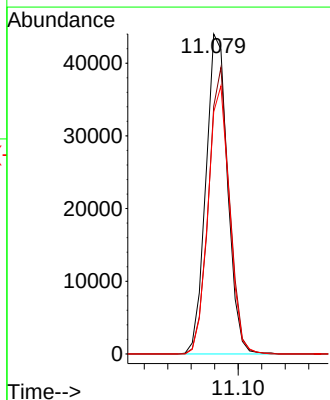
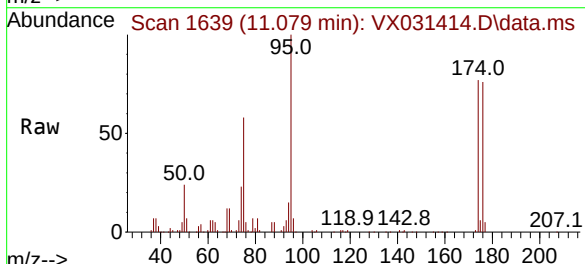
Manual Integrations
APPROVED

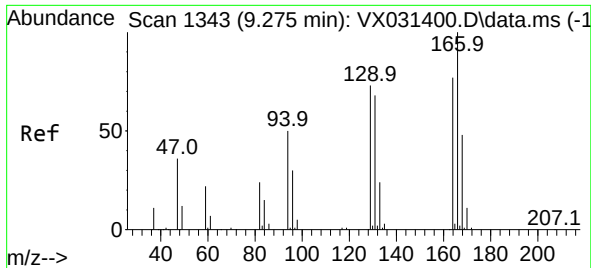
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
4-Bromofluorobenzene
Concen: 31.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

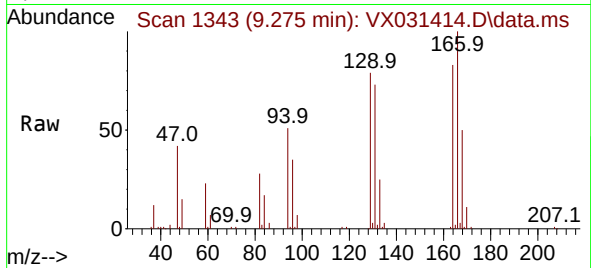
Tgt Ion: 95 Resp: 56420
Ion Ratio Lower Upper
95 100
174 86.5 65.4 98.2
176 83.5 63.4 95.0





#61
Tetrachloroethene
Concen: 11.753 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

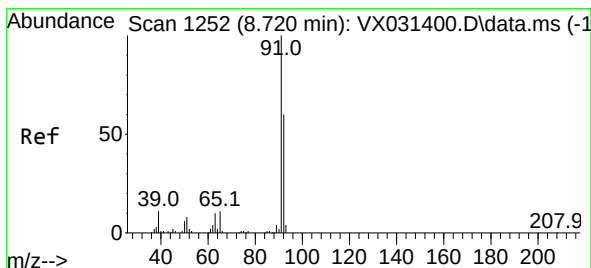
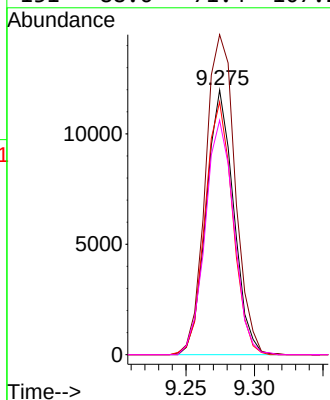
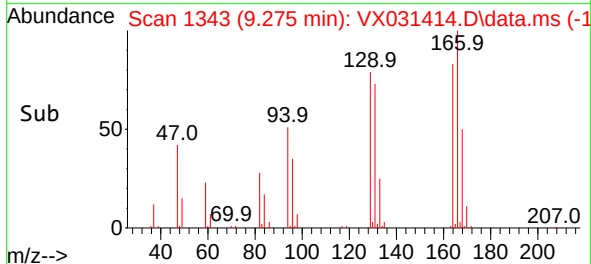
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



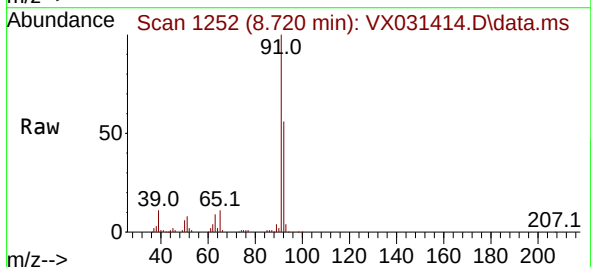
Tgt Ion:164 Resp: 1670
Ion Ratio Lower Upper
164 100
166 120.5 105.0 157.6
129 95.6 78.5 117.7
131 88.6 71.4 107.2

Manual Integrations
APPROVED

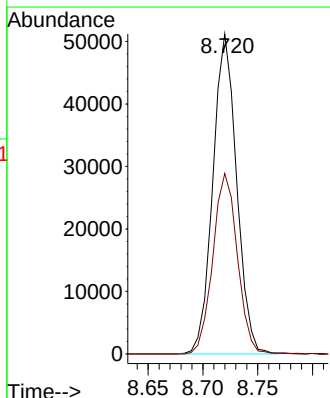
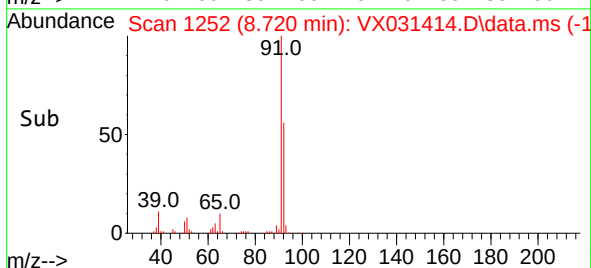
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

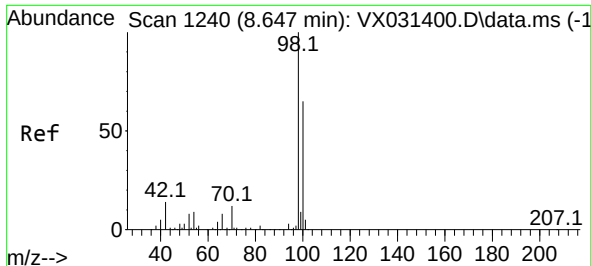


#62
Toluene
Concen: 12.183 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



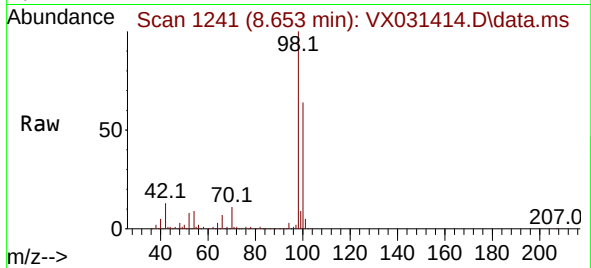
Tgt Ion: 91 Resp: 77232
Ion Ratio Lower Upper
91 100
92 58.0 48.1 72.1





#63
Toluene-d8
Concen: 35.102 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

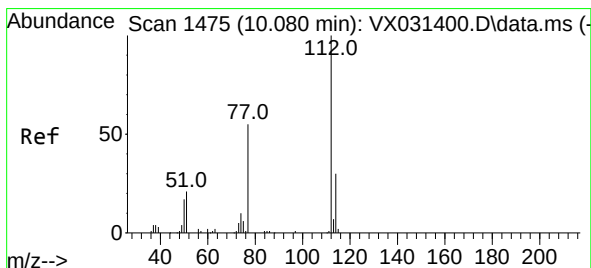
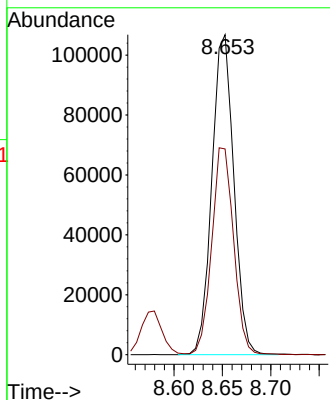
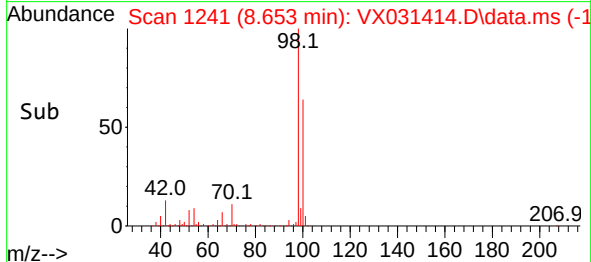
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



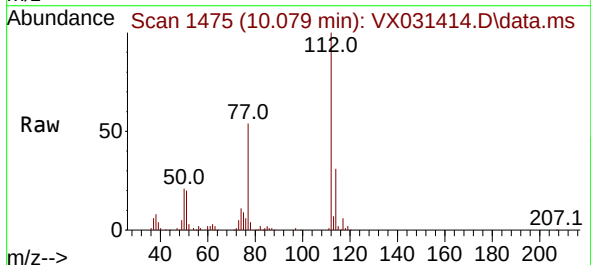
Tgt Ion: 98 Resp: 16839
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

Manual Integrations
APPROVED

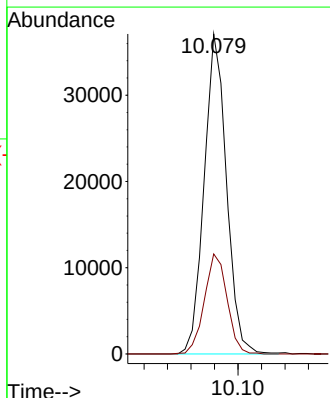
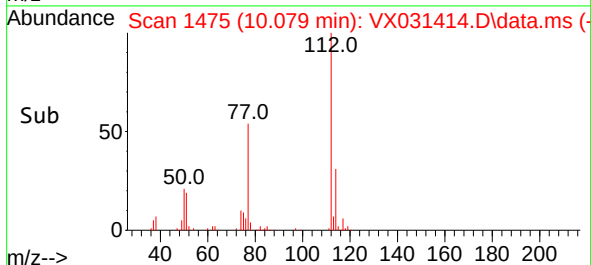
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

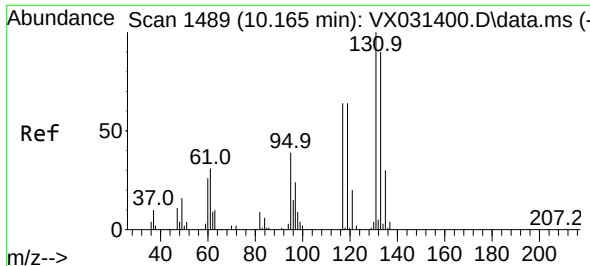


#64
Chlorobenzene
Concen: 12.428 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



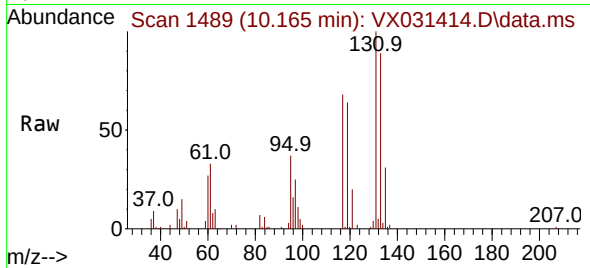
Tgt Ion:112 Resp: 48989
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 12.751 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

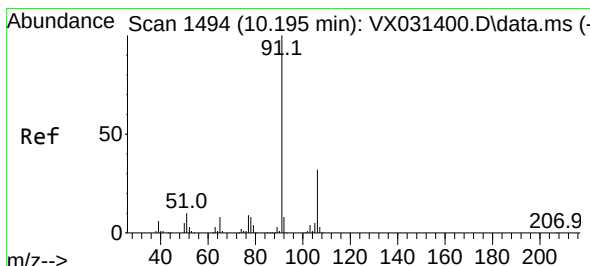
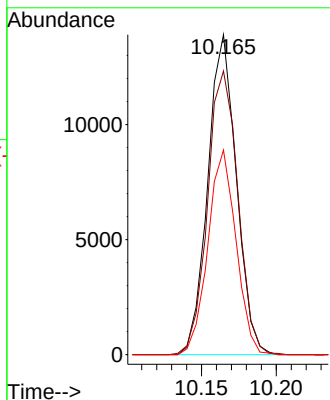
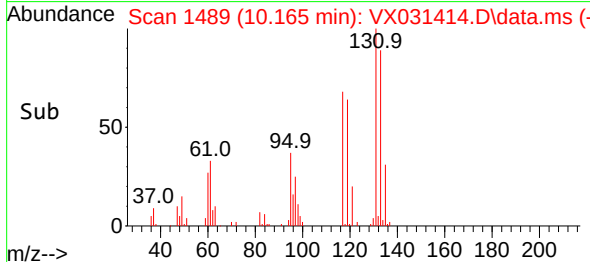
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion:131 Resp: 18488
Ion Ratio Lower Upper
131 100
133 94.1 0.0 197.2
119 63.0 0.0 127.4

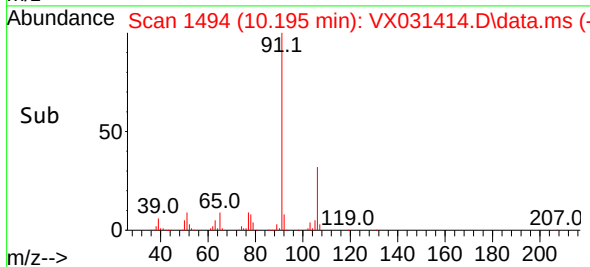
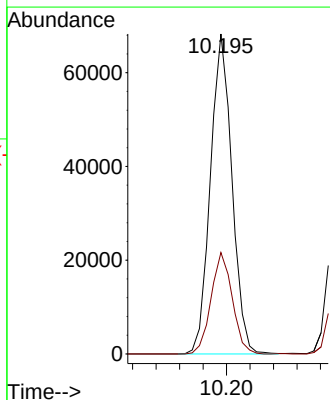
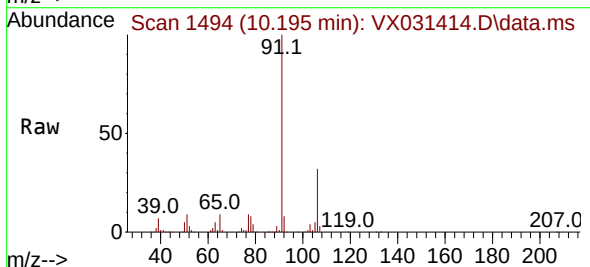
Manual Integrations
APPROVED

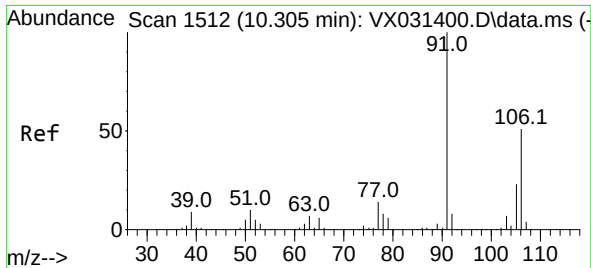
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
Ethyl Benzene
Concen: 12.334 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 91 Resp: 86987
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.8





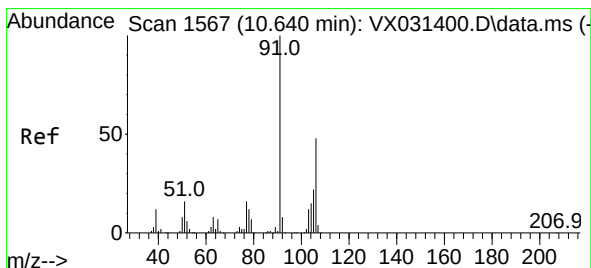
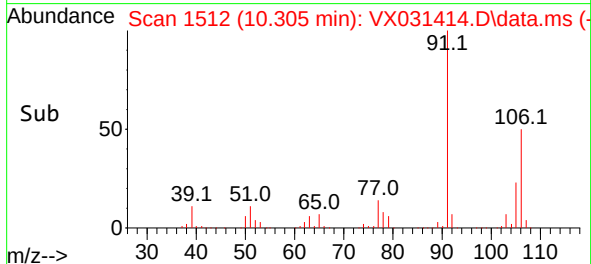
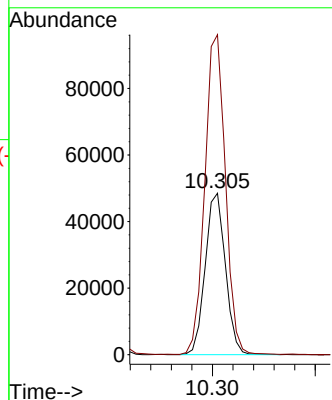
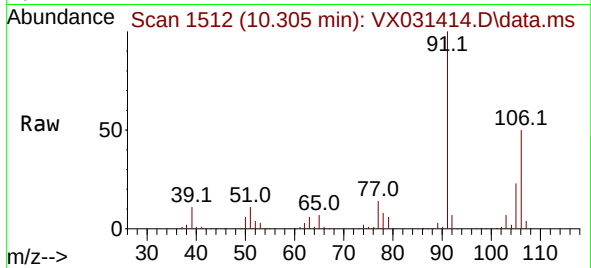
#67
m/p-Xylenes
Concen: 22.176 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion:106 Resp: 66298
Ion Ratio Lower Upper
106 100
91 201.6 159.5 239.3

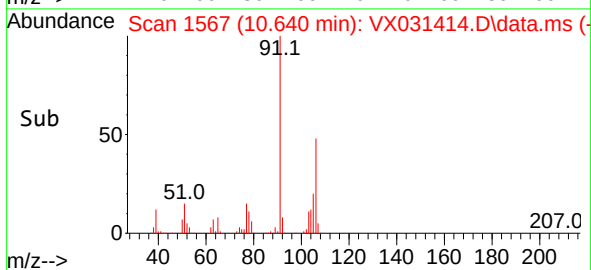
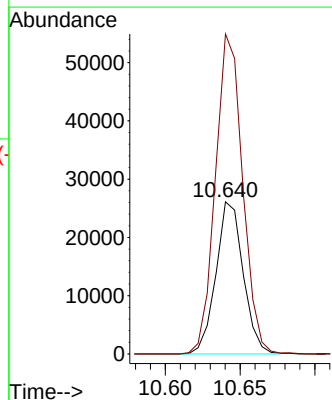
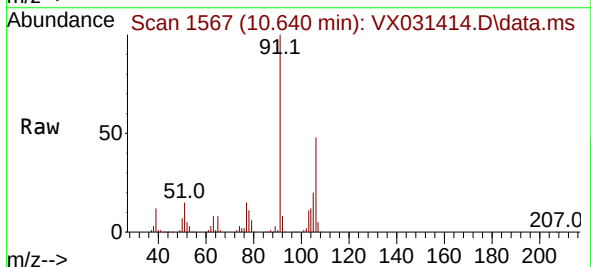
Manual Integrations
APPROVED

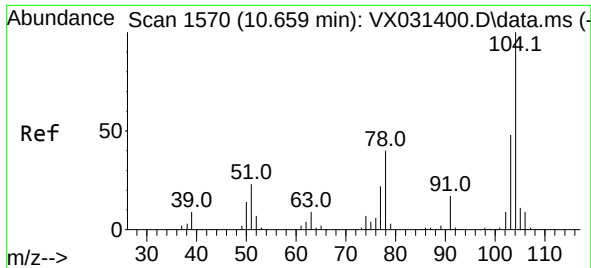
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
o-Xylene
Concen: 11.607 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion:106 Resp: 33072
Ion Ratio Lower Upper
106 100
91 210.0 105.4 316.2





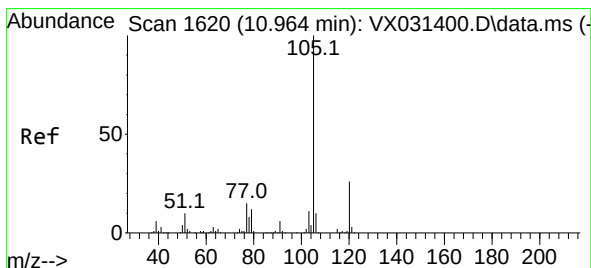
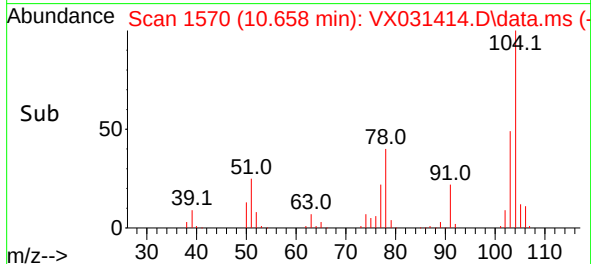
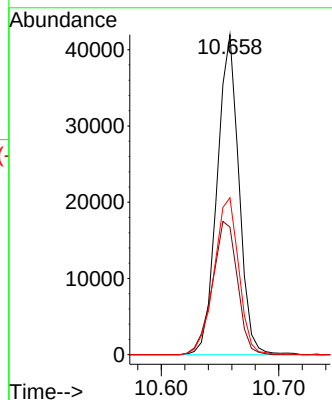
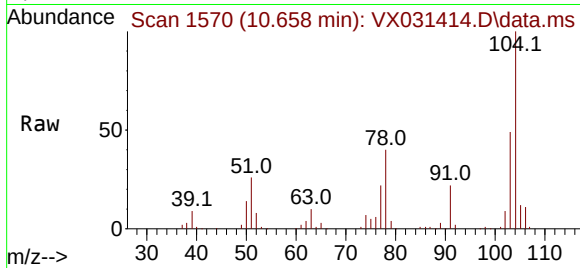
#69
Styrene
Concen: 11.145 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion:104 Resp: 54128
Ion Ratio Lower Upper
104 100
78 48.0 39.7 59.5
103 55.6 42.7 64.1

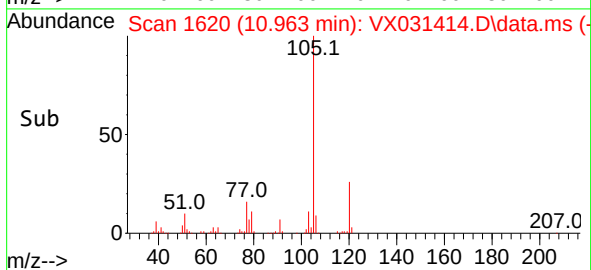
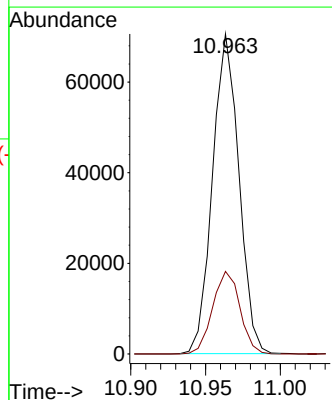
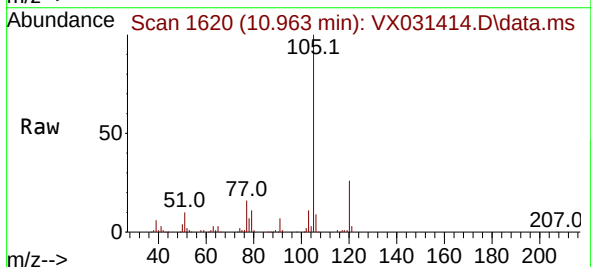
Manual Integrations
APPROVED

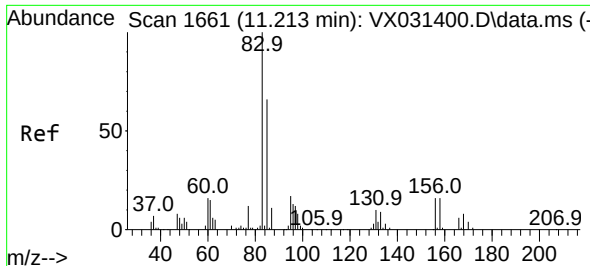
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Isopropylbenzene
Concen: 11.404 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

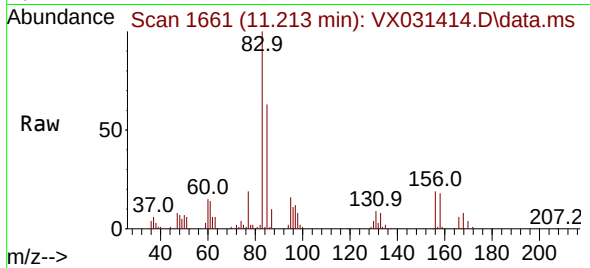
Tgt Ion:105 Resp: 86546
Ion Ratio Lower Upper
105 100
120 26.7 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 12.767 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

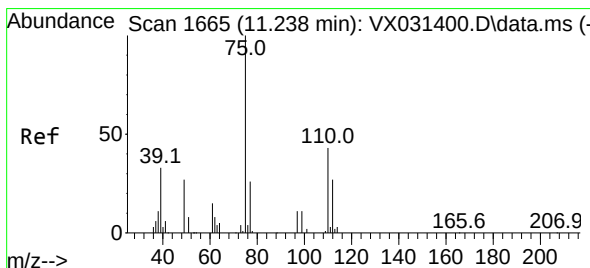
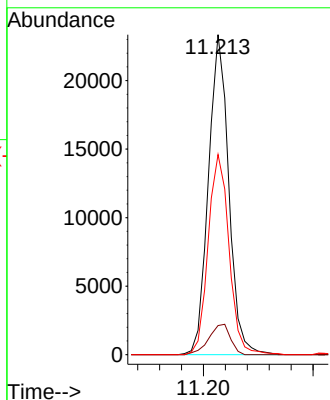
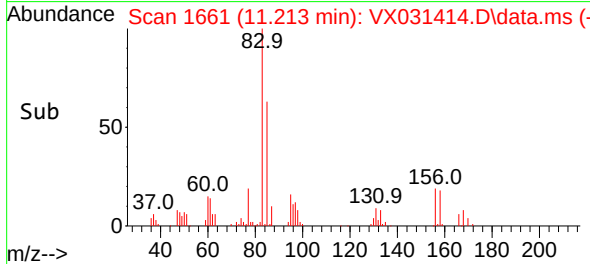
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion: 83 Resp: 3004
Ion Ratio Lower Upper
83 100
131 10.1 5.8 17.3
85 64.3 32.0 96.2

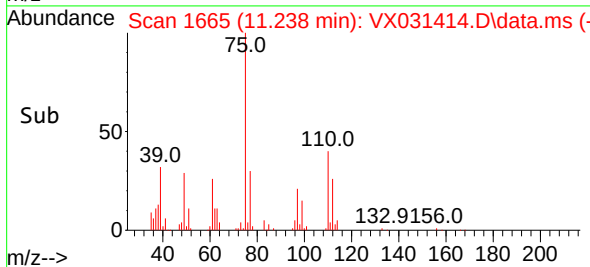
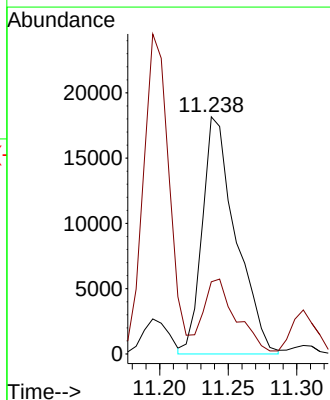
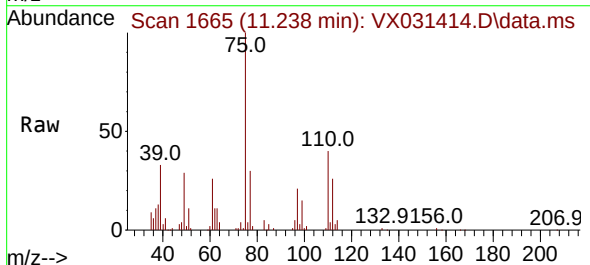
Manual Integrations
APPROVED

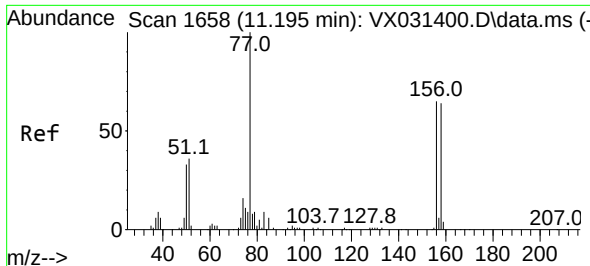
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#72
1,2,3-Trichloropropane
Concen: 14.334 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

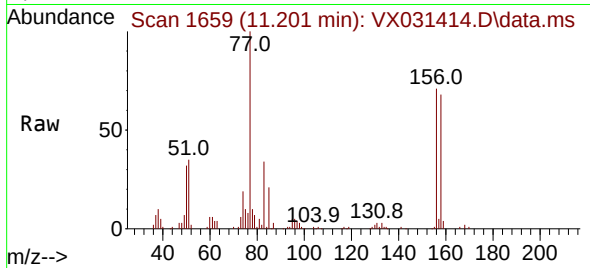
Tgt Ion: 75 Resp: 30997
Ion Ratio Lower Upper
75 100
77 31.8 0.0 78.6





#73
Bromobenzene
Concen: 11.557 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

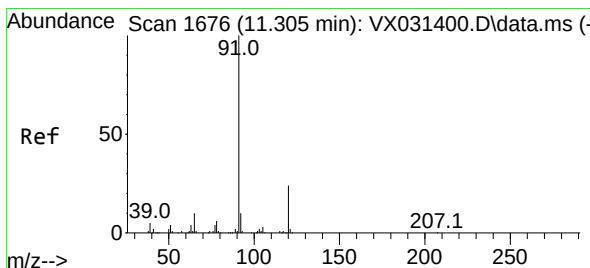
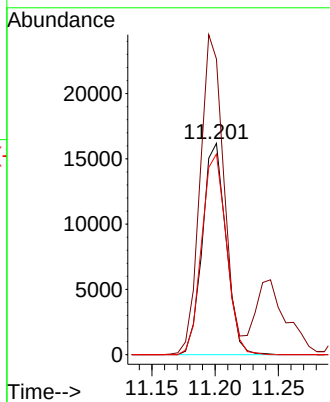
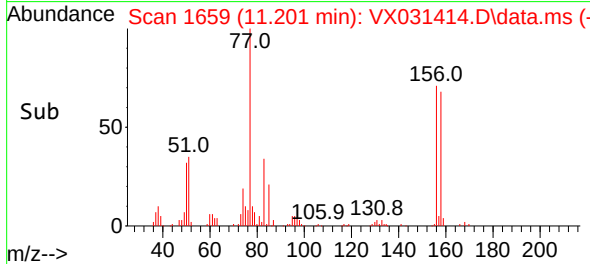
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



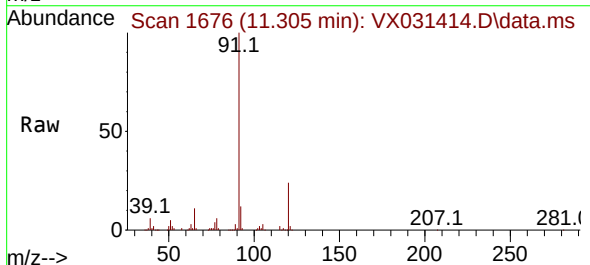
Tgt Ion: 156 Resp: 2113
Ion Ratio Lower Upper
156 100
77 150.9 0.0 297.6
158 98.6 0.0 188.4

Manual Integrations
APPROVED

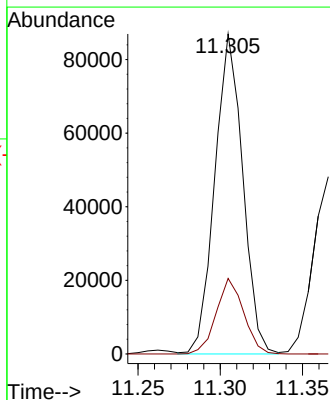
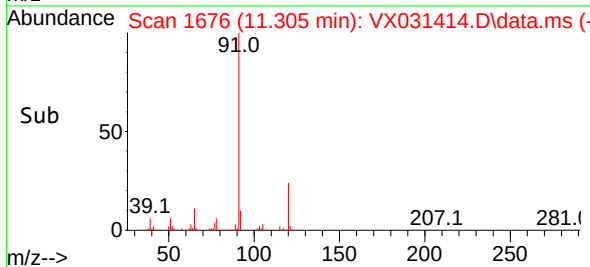
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

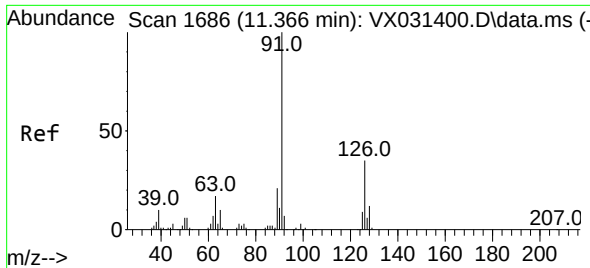


#74
n-propylbenzene
Concen: 11.627 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



Tgt Ion: 91 Resp: 102698
Ion Ratio Lower Upper
91 100
120 23.1 0.0 48.0





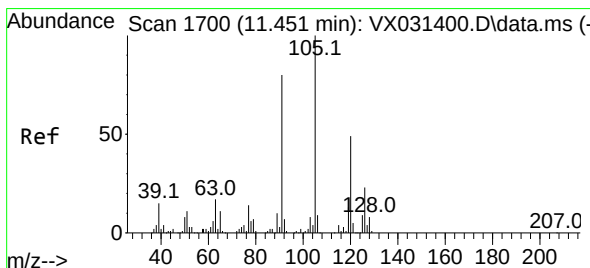
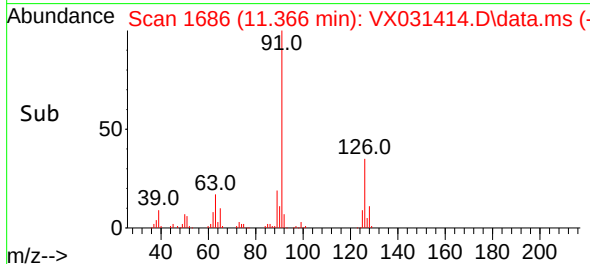
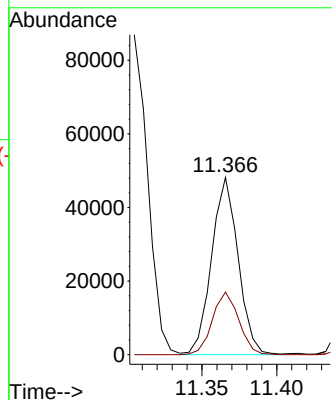
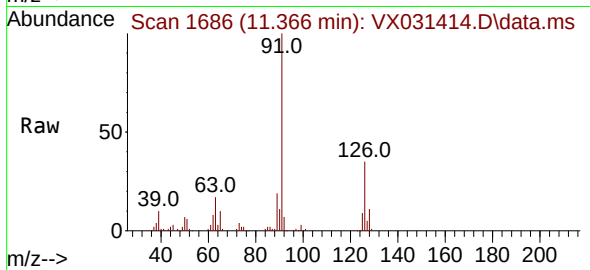
#75
2-Chlorotoluene
Concen: 11.486 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 91 Resp: 5941
Ion Ratio Lower Upper
91 100
126 35.1 0.0 68.6

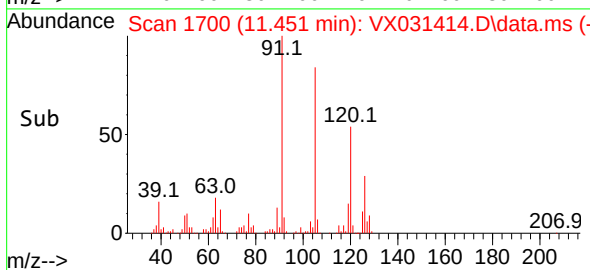
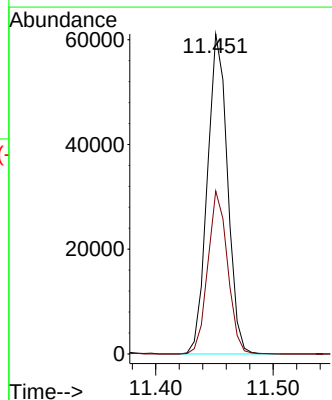
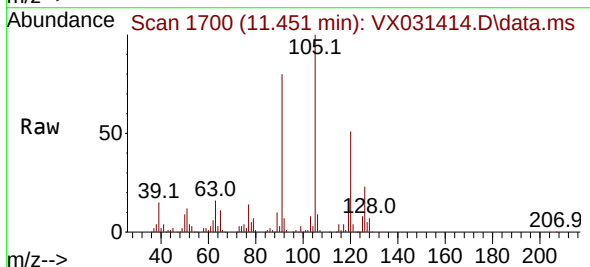
Manual Integrations
APPROVED

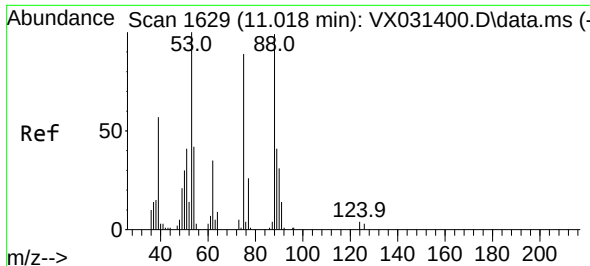
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 10.840 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion:105 Resp: 72868
Ion Ratio Lower Upper
105 100
120 49.8 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 10.446 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03

Tgt Ion: 75 Resp: 7639

Ion Ratio Lower Upper

75 100

53 99.3 59.7 179.1

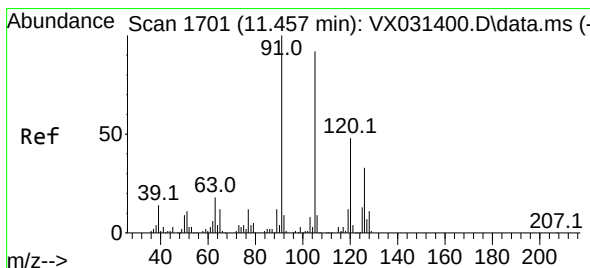
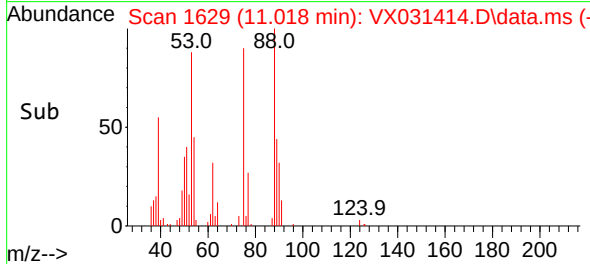
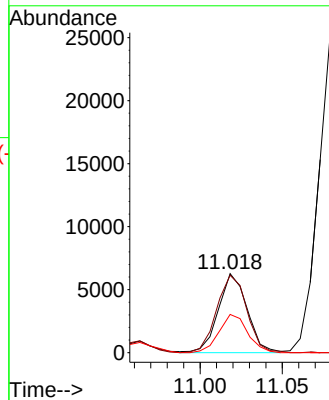
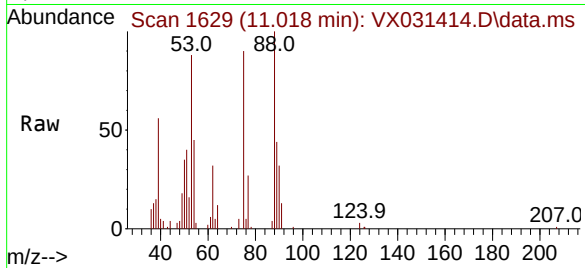
89 49.0 23.1 69.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#78

4-Chlorotoluene

Concen: 11.330 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX031414.D

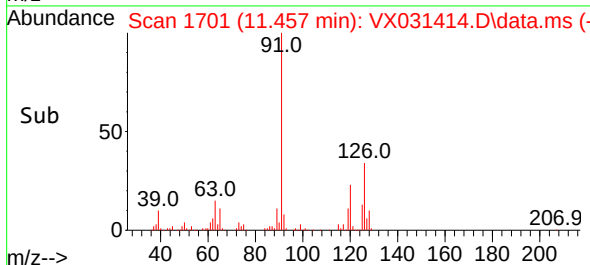
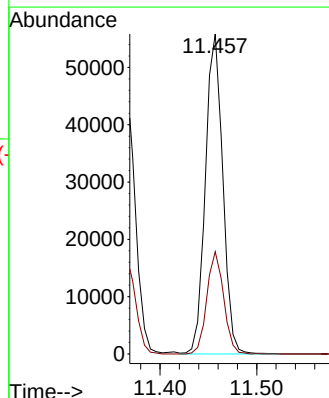
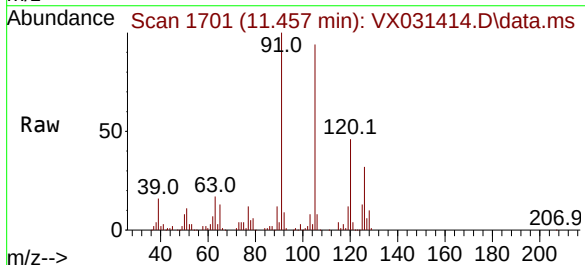
Acq: 16 Sep 2022 16:49

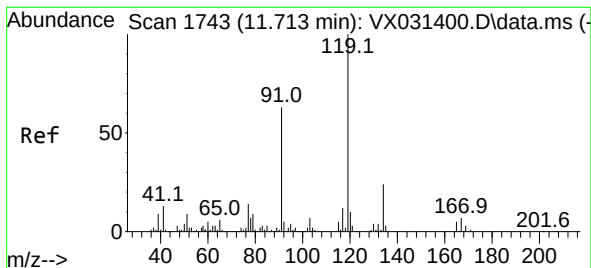
Tgt Ion: 91 Resp: 69990

Ion Ratio Lower Upper

91 100

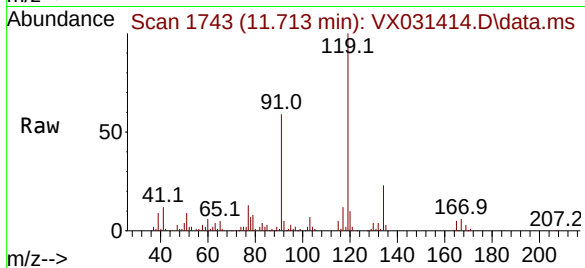
126 30.8 0.0 59.8





#79
tert-butylbenzene
Concen: 11.280 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

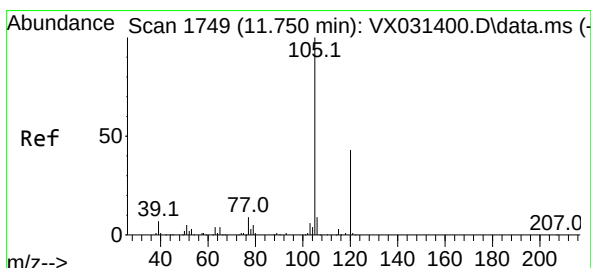
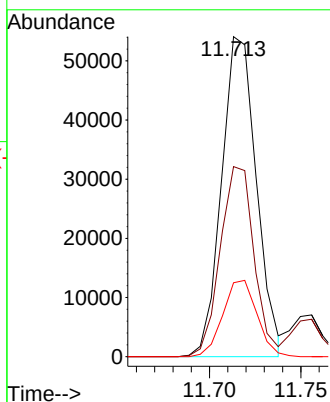
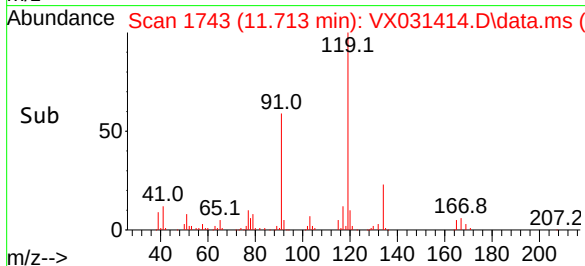
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



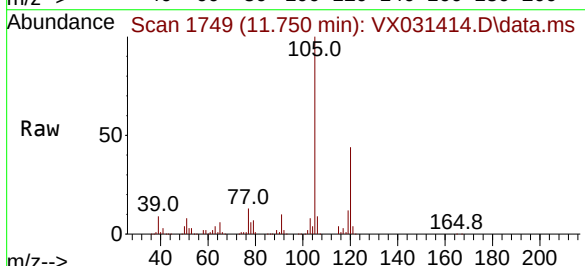
Tgt Ion:119 Resp: 71713
Ion Ratio Lower Upper
119 100
91 57.8 0.0 119.4
134 23.4 0.0 48.4

Manual Integrations
APPROVED

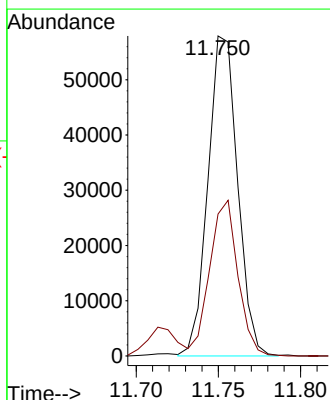
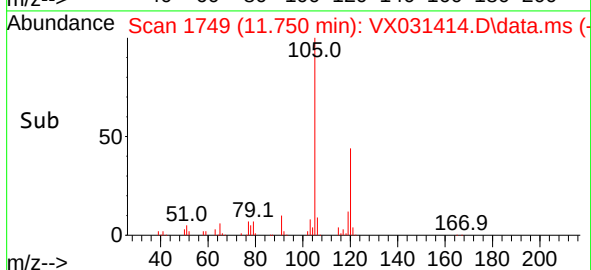
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

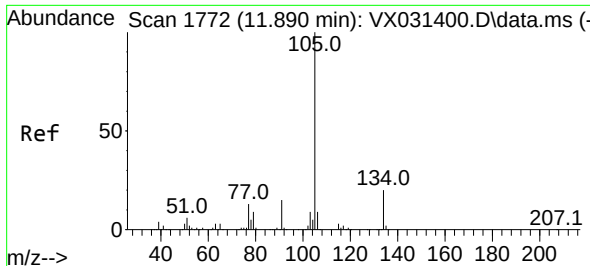


#80
1,2,4-Trimethylbenzene
Concen: 11.157 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49



Tgt Ion:105 Resp: 72713
Ion Ratio Lower Upper
105 100
120 46.2 0.0 89.6





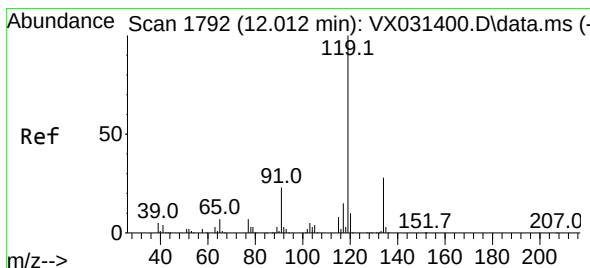
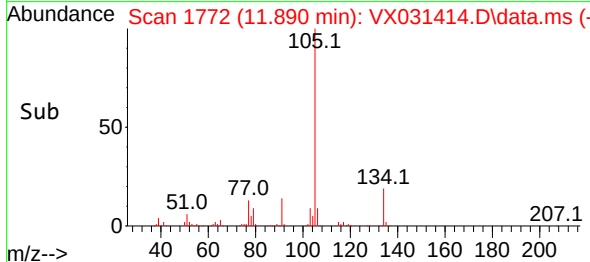
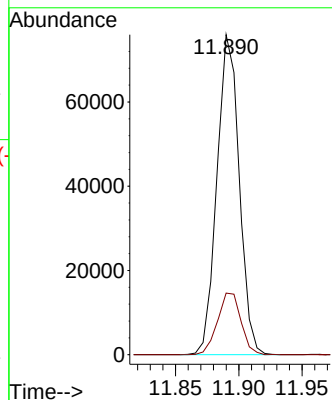
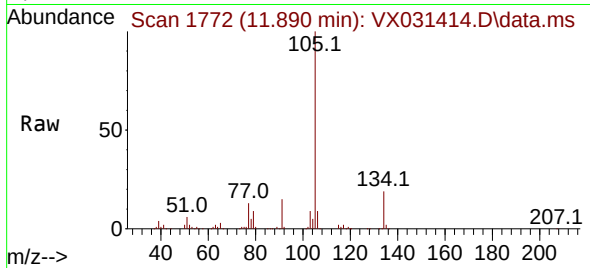
#81
 sec-Butylbenzene
 Concen: 11.504 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031414.D
 Acq: 16 Sep 2022 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS03

Tgt Ion:105 Resp: 92864
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2

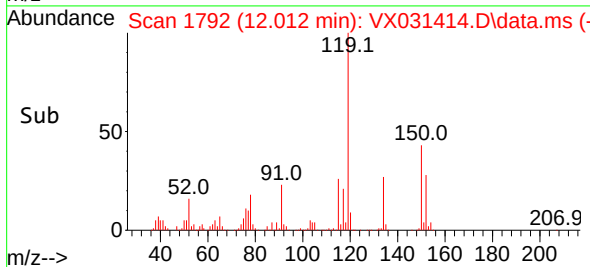
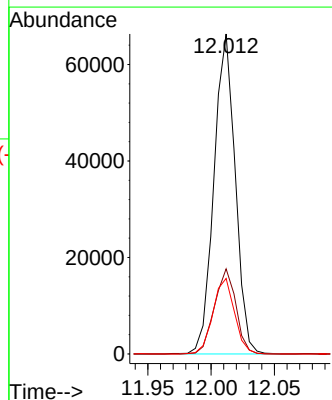
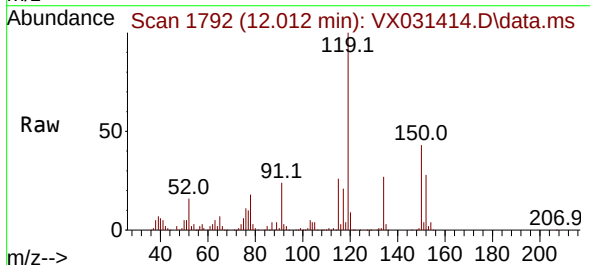
Manual Integrations
 APPROVED

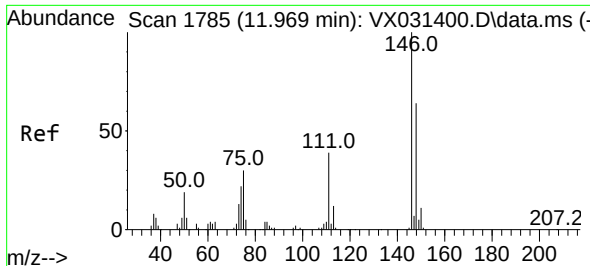
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#82
 p-Isopropyltoluene
 Concen: 11.259 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031414.D
 Acq: 16 Sep 2022 16:49

Tgt Ion:119 Resp: 77578
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.4
 91 24.0 0.0 47.2





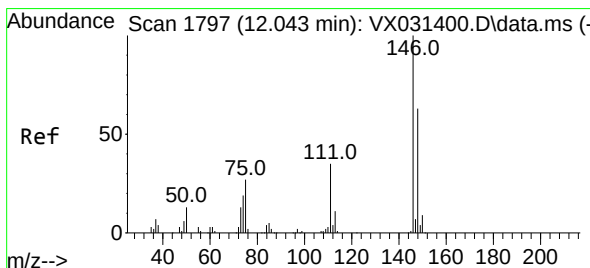
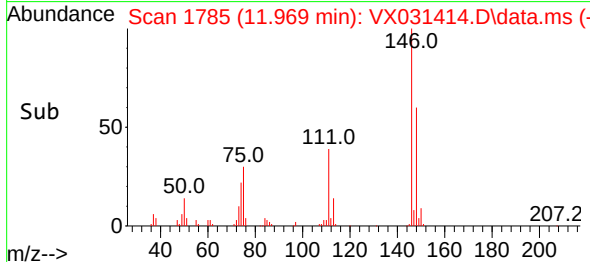
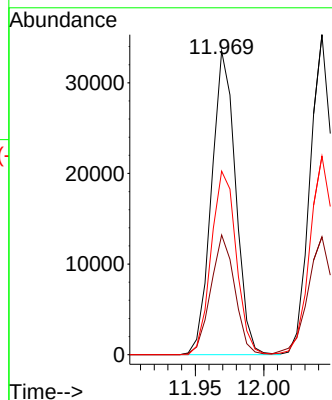
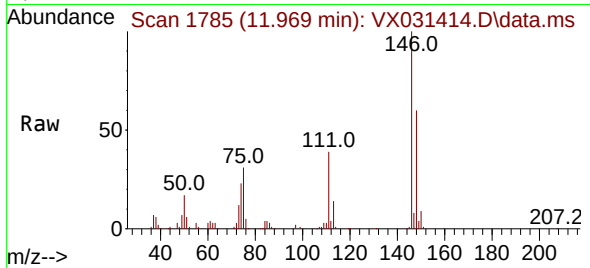
#83
1,3-Dichlorobenzene
Concen: 11.336 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion:146 Resp: 4104
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.4
148 62.8 31.6 94.8

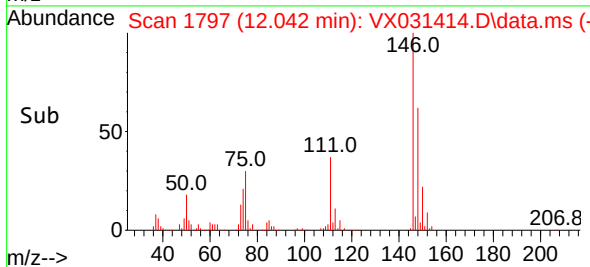
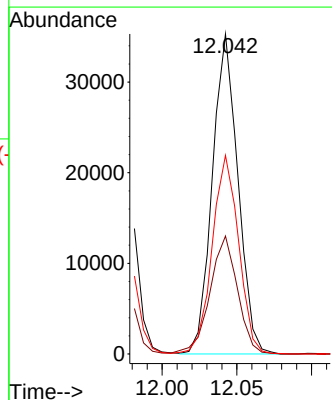
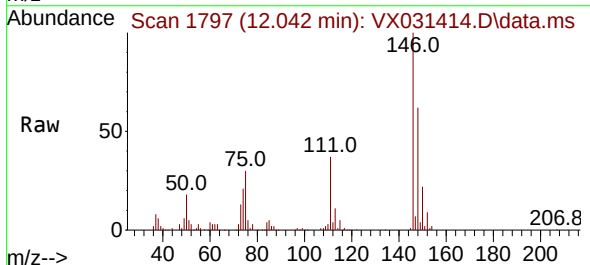
Manual Integrations
APPROVED

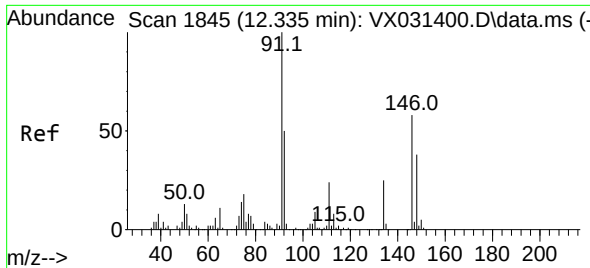
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#84
1,4-Dichlorobenzene
Concen: 11.296 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion:146 Resp: 41998
Ion Ratio Lower Upper
146 100
111 39.7 19.2 57.6
148 64.1 32.3 96.8





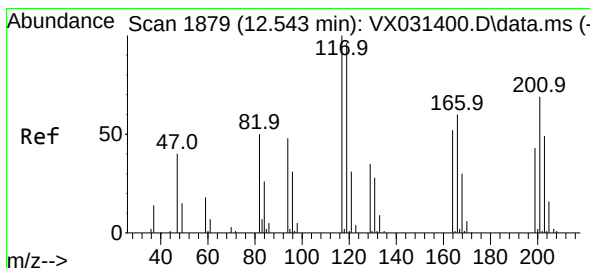
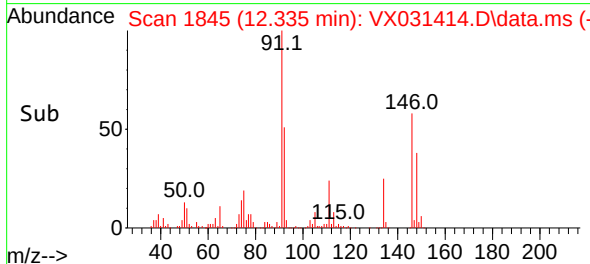
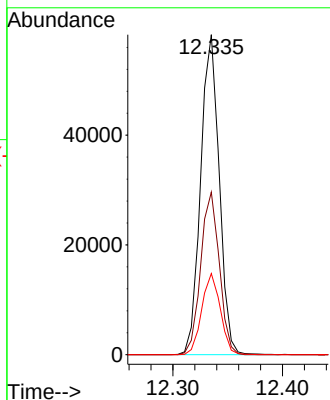
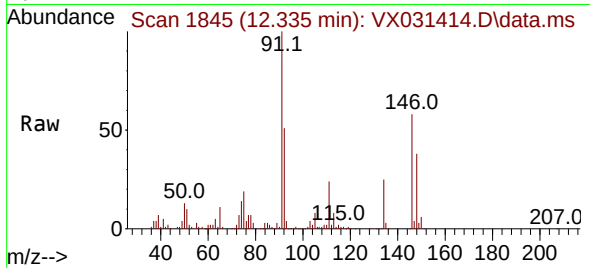
#85
n-Butylbenzene
Concen: 11.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion: 91 Resp: 68604
Ion Ratio Lower Upper
91 100
92 50.9 0.0 109.4
134 25.3 0.0 56.4

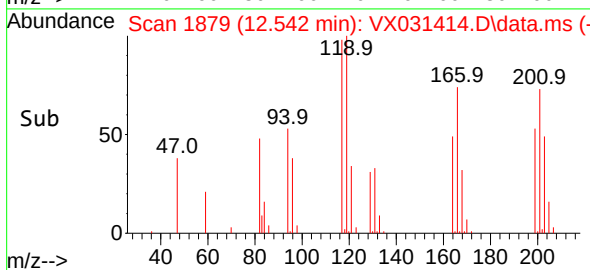
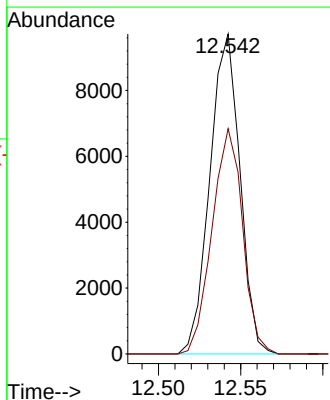
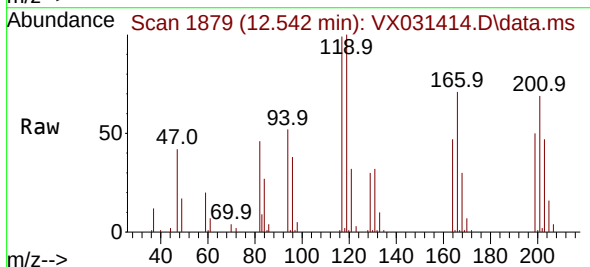
Manual Integrations
APPROVED

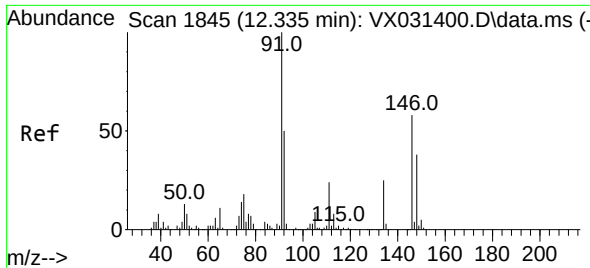
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#86
Hexachloroethane
Concen: 10.694 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion:117 Resp: 12375
Ion Ratio Lower Upper
117 100
201 71.4 39.5 118.5





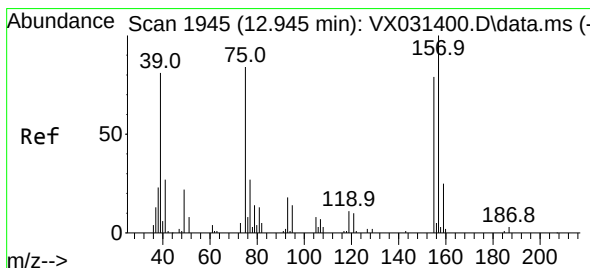
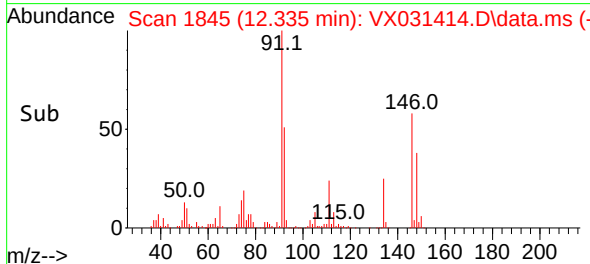
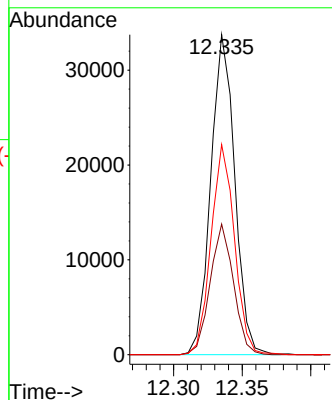
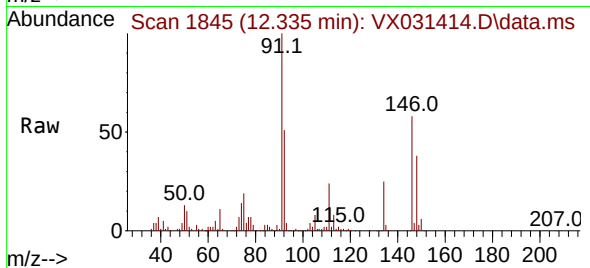
#87
1,2-Dichlorobenzene
Concen: 11.401 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03

Tgt Ion:146 Resp: 40980
Ion Ratio Lower Upper
146 100
111 39.9 21.1 63.3
148 64.3 31.4 94.2

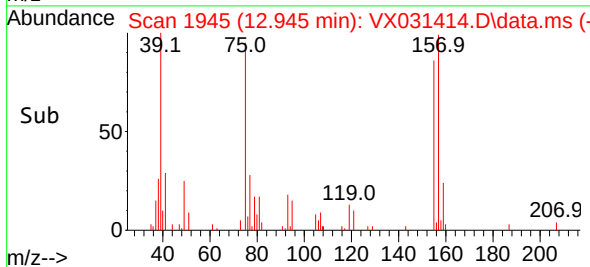
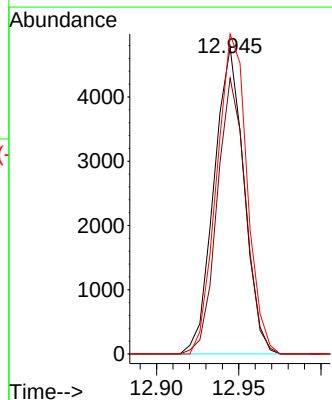
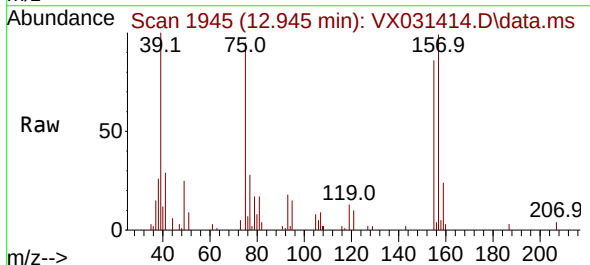
Manual Integrations
APPROVED

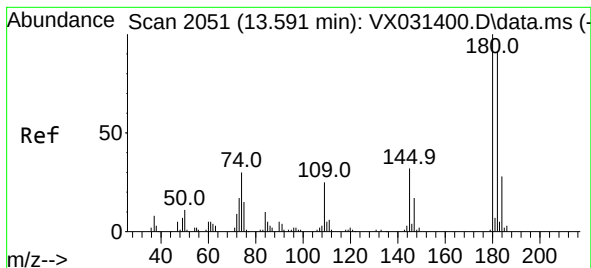
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 12.081 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion: 75 Resp: 6057
Ion Ratio Lower Upper
75 100
155 85.3 74.3 111.5
157 105.6 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 12.469 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS03

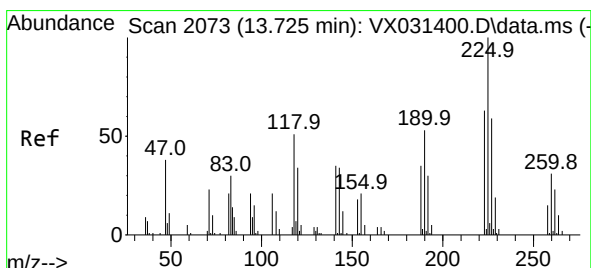
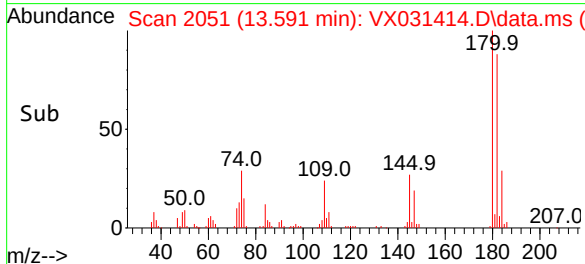
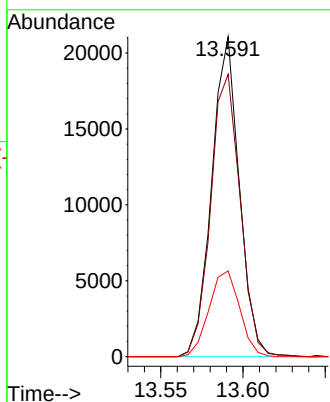
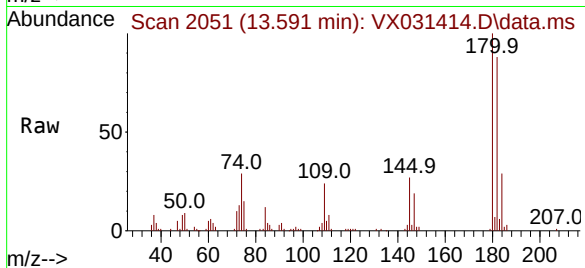
Tgt Ion:	180	Resp:	24618
Ion Ratio	Lower	Upper	
180	100		
182	94.2	77.4	116.2
145	29.8	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachlorobutadiene

Concen: 12.236 ug/l

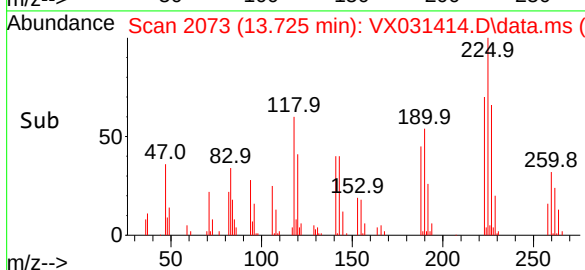
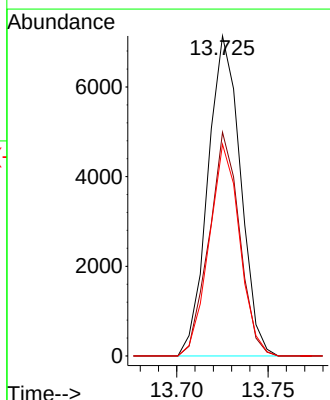
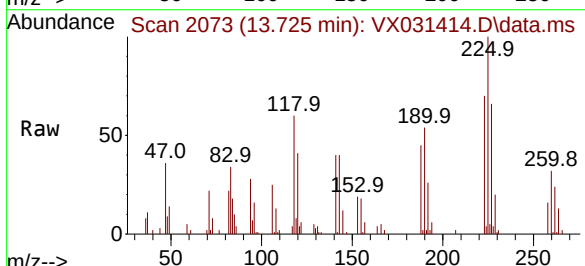
RT: 13.725 min Scan# 2073

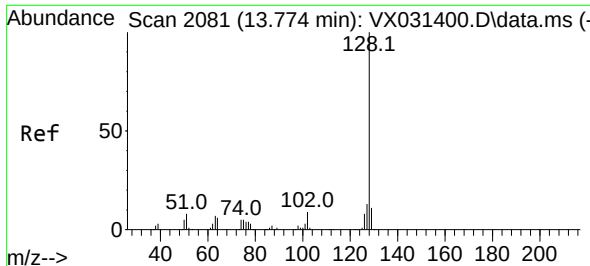
Delta R.T. -0.000 min

Lab File: VX031414.D

Acq: 16 Sep 2022 16:49

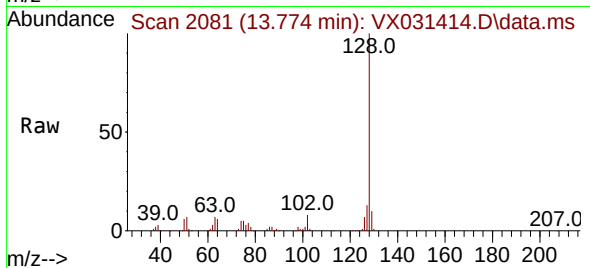
Tgt Ion:	225	Resp:	8859
Ion Ratio	Lower	Upper	
225	100		
223	65.2	0.0	126.0
227	62.1	0.0	125.0





#91
Naphthalene
Concen: 12.535 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

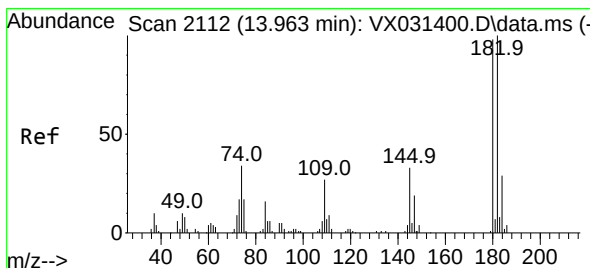
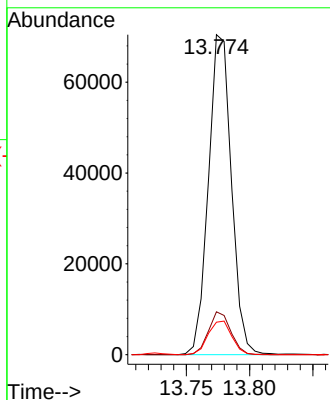
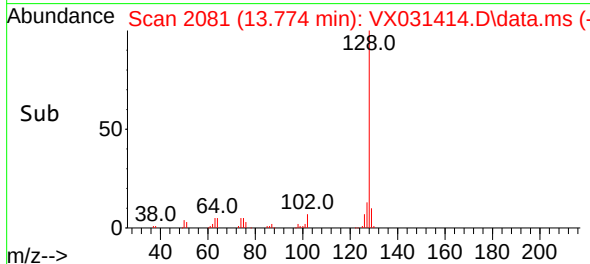
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS03



Tgt Ion:128 Resp: 89240
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#92
1,2,3-Trichlorobenzene
Concen: 12.726 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031414.D
Acq: 16 Sep 2022 16:49

Tgt Ion:180 Resp: 25208
Ion Ratio Lower Upper
180 100
182 95.3 0.0 189.4
145 31.5 0.0 67.2

