

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031400.D
 Acq On : 16 Sep 2022 10:40
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 12:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	12854	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	71104	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	67643	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34575	32.987	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 109.967%		
60) 4-Bromofluorobenzene	11.079	95	36824	28.887	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 96.300%		
63) Toluene-d8	8.647	98	106519	29.041	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 96.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	14748	16.779	ug/l	99
3) Chloromethane	1.288	50	20794	22.686	ug/l	98
4) Vinyl Chloride	1.374	62	24235	23.334	ug/l	97
5) Bromomethane	1.612	94	29105	68.016	ug/l	99
6) Chloroethane	1.685	64	28437	51.126	ug/l	98
7) Trichlorofluoromethane	1.886	101	56082	42.597	ug/l	100
8) Diethyl Ether	2.136	74	17978	32.105	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	19271	21.739	ug/l	93
10) 1,1-Dichloroethene	2.319	96	17982	19.865	ug/l	88
11) Methyl Iodide	2.453	142	19005	26.039	ug/l	98
12) Methyl Acetate	2.709	43	27344	18.548	ug/l	94
13) Acrolein	2.239	56	17672	102.041	ug/l	99
14) Acrylonitrile	3.069	53	55333	87.210	ug/l	99
15) Acetone	2.386	58	17038	98.859	ug/l	96
16) Carbon Disulfide	2.514	76	45183	19.121	ug/l #	94
17) Allyl chloride	2.666	41	28809	18.060	ug/l	89
18) Methylene Chloride	2.788	84	21285	20.183	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	20464	20.833	ug/l	96
20) Diisopropyl ether	3.758	45	64671	20.237	ug/l	92
21) 1,1-Dichloroethane	3.605	63	36353	21.131	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	23882	20.475	ug/l	99
23) tert-Butyl Alcohol	2.989	59	27229	93.679	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	66105	22.637	ug/l	96
25) Chloroform	5.093	83	39180	22.851	ug/l	97
26) Cyclohexane	5.471	56	31804	19.953	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	28889	23.750	ug/l	99
30) 2-Butanone	4.562	43	83476	101.675	ug/l	99
31) 2,2-Dichloropropane	4.483	77	32112	27.622	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	34525	26.397	ug/l	96
33) Carbon Tetrachloride	5.678	117	30310	27.592	ug/l	96
34) Benzene	6.038	78	83707	21.415	ug/l	100
35) Methacrylonitrile	4.922	41	15871	19.098	ug/l	91
36) 1,2-Dichloroethane	6.086	62	30214	25.392	ug/l	97
37) Trichloroethene	7.129	130	23430	22.413	ug/l	100
38) Methylcyclohexane	7.379	83	33947	21.509	ug/l	98
39) 1,2-Dichloropropane	7.434	63	20593	20.696	ug/l	97
40) Dibromomethane	7.586	93	15775	23.389	ug/l	93
41) Bromodichloromethane	7.824	83	29773	24.712	ug/l	98
42) Vinyl Acetate	3.721	43	283322	107.910	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

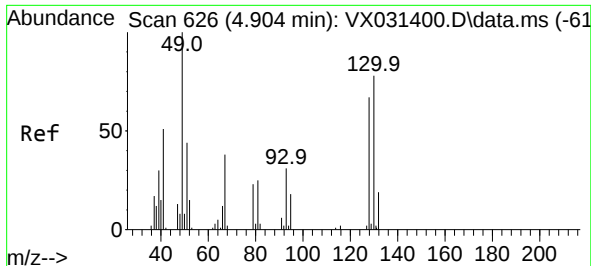
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	31608	20.438	ug/l	99
44) Isopropyl Acetate	6.342	43	51737	22.021	ug/l	94
45) 1,4-Dioxane	7.690	88	11715	424.769	ug/l #	87
46) Methyl methacrylate	7.696	41	22584	20.285	ug/l	91
47) n-amyl Acetate	10.842	43	44769	22.182	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	31733	23.833	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	34071	22.788	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	21582	21.599	ug/l	97
51) Ethyl methacrylate	9.116	69	32377	20.822	ug/l	89
52) 1,3-Dichloropropane	9.311	76	37059	23.056	ug/l	99
53) Dibromochloromethane	9.525	129	22936	24.799	ug/l	99
54) 1,2-Dibromoethane	9.610	107	23285	22.440	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	82666	103.134	ug/l	98
56) Bromoform	10.799	173	16011	24.730	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	167504	100.251	ug/l	97
59) 2-Hexanone	9.427	43	129588	100.276	ug/l	96
61) Tetrachloroethene	9.275	164	22069	21.729	ug/l	98
62) Toluene	8.720	91	94321	20.962	ug/l	97
64) Chlorobenzene	10.080	112	59001	21.956	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	21862	23.330	ug/l	95
66) Ethyl Benzene	10.195	91	105141	21.988	ug/l	100
67) m/p-Xylenes	10.305	106	82465	44.443	ug/l	99
68) o-Xylene	10.640	106	40742	22.049	ug/l	98
69) Styrene	10.659	104	65927	21.561	ug/l	99
70) Isopropylbenzene	10.964	105	105670	22.714	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	34976	20.674	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	26762m	17.598	ug/l	
73) Bromobenzene	11.195	156	25509	22.866	ug/l	98
74) n-propylbenzene	11.305	91	125765	22.535	ug/l	98
75) 2-Chlorotoluene	11.366	91	71803	21.849	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	89835	22.999	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9676	18.499	ug/l	95
78) 4-Chlorotoluene	11.457	91	81532	22.105	ug/l	97
79) tert-butylbenzene	11.713	119	84840	22.327	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	87451	21.778	ug/l	98
81) sec-Butylbenzene	11.890	105	109756	21.339	ug/l	100
82) p-Isopropyltoluene	12.012	119	91986	22.215	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	48594	22.514	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	49776	22.739	ug/l	99
85) n-Butylbenzene	12.335	91	80431	20.699	ug/l	96
86) Hexachloroethane	12.543	117	15832	23.013	ug/l	85
87) 1,2-Dichlorobenzene	12.335	146	48874	22.932	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	7124	18.465	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	29171	22.106	ug/l	95
90) Hexachlorobutadiene	13.725	225	11417	22.813	ug/l	97
91) Naphthalene	13.774	128	103037	19.589	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	28417	21.142	ug/l	99

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

Manual Integrations

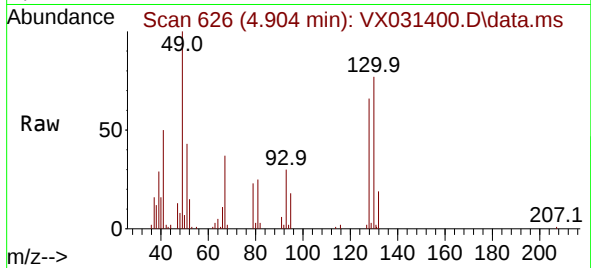
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

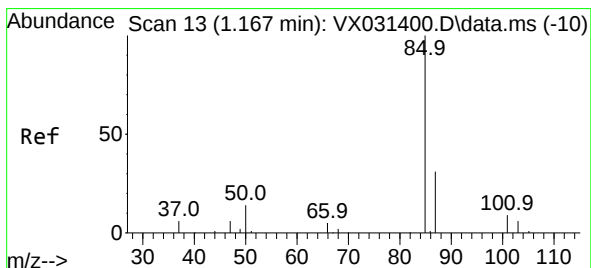
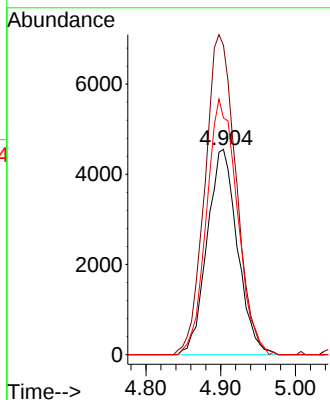
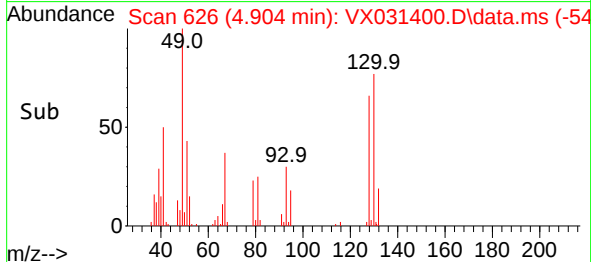
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 12854
Ion Ratio Lower Upper
128 100
49 159.6 0.0 358.3
130 126.6 0.0 319.3

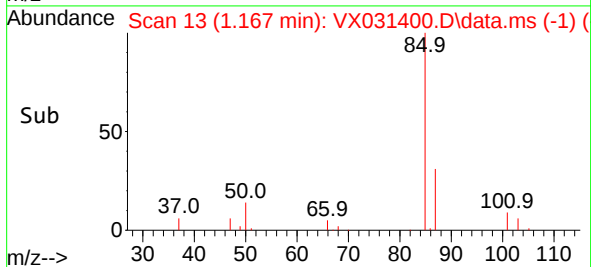
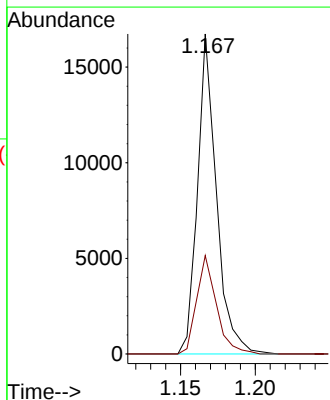
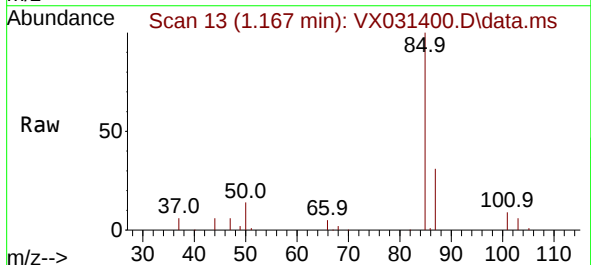
Manual Integrations
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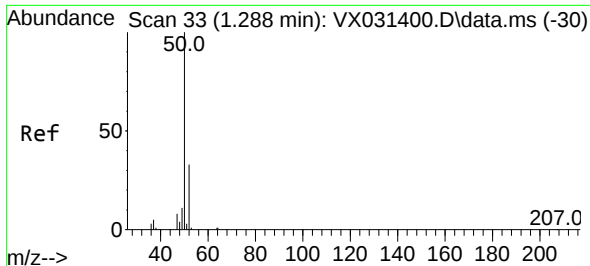
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#2
Dichlorodifluoromethane
Concen: 16.779 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

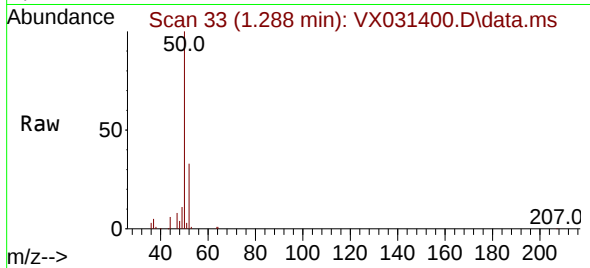
Tgt Ion: 85 Resp: 14748
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





#3
Chloromethane
Concen: 22.686 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

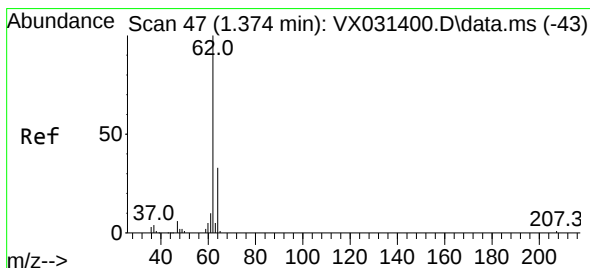
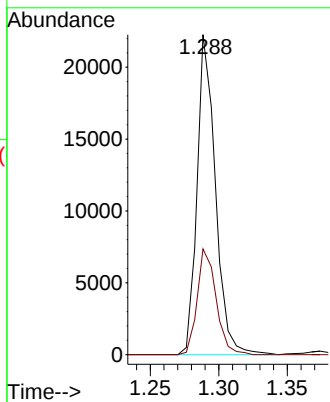
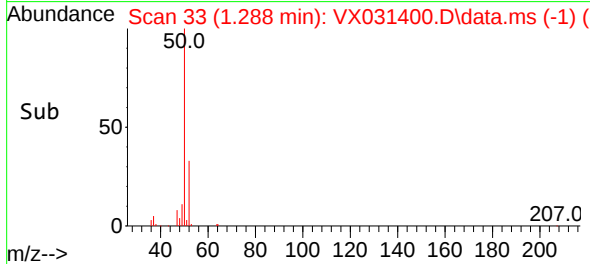
Instrument :
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ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 20794
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4

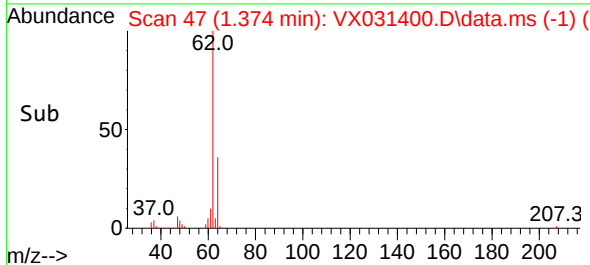
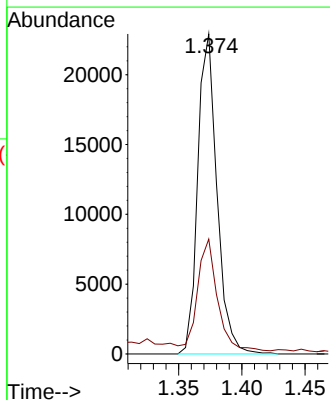
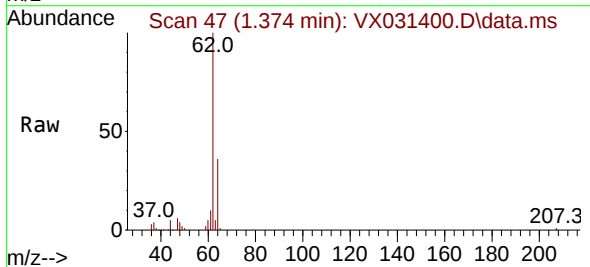
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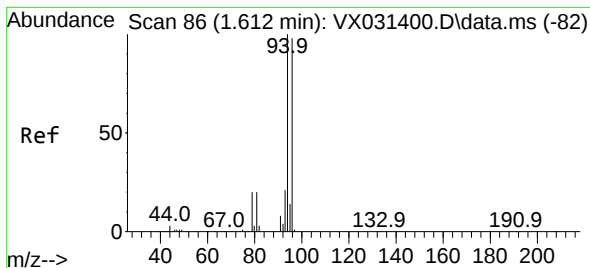
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 23.334 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

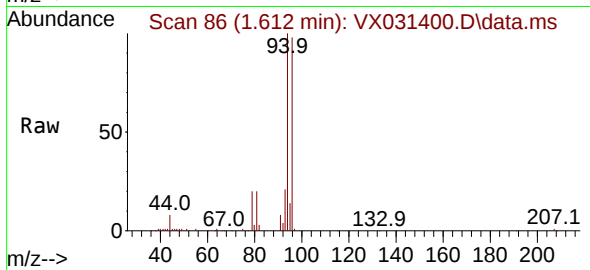
Tgt Ion: 62 Resp: 24235
Ion Ratio Lower Upper
62 100
64 34.6 26.2 39.2





#5
Bromomethane
Concen: 68.016 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

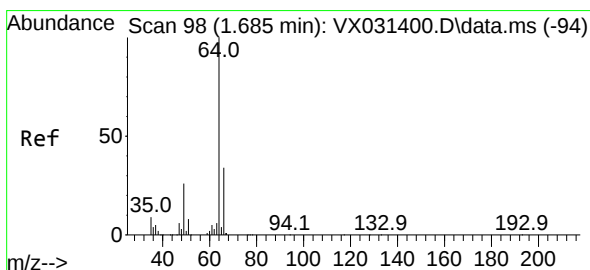
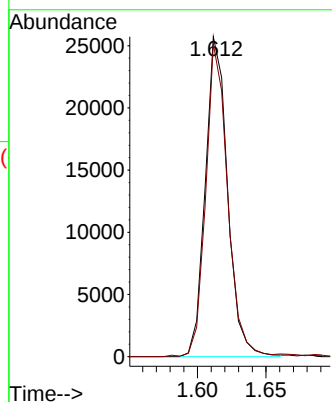
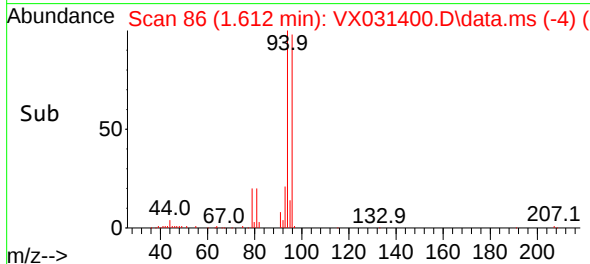
Instrument :
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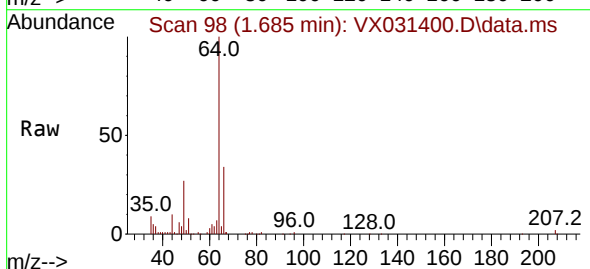
Tgt Ion: 94 Resp: 2910
Ion Ratio Lower Upper
94 100
96 97.6 77.0 115.6

Manual Integrations
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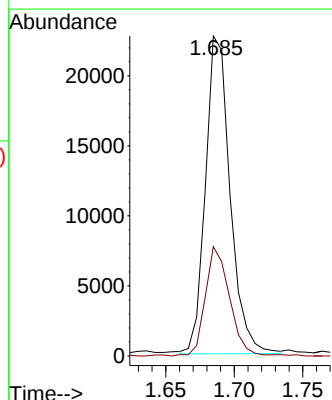
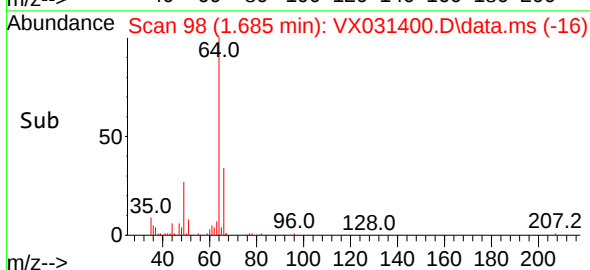
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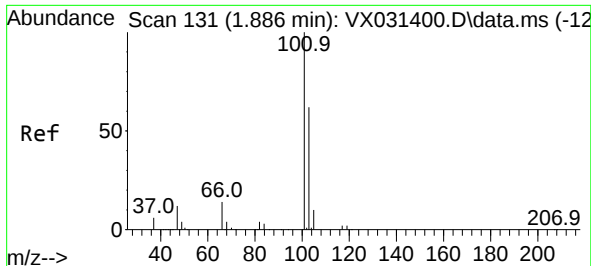


#6
Chloroethane
Concen: 51.126 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40



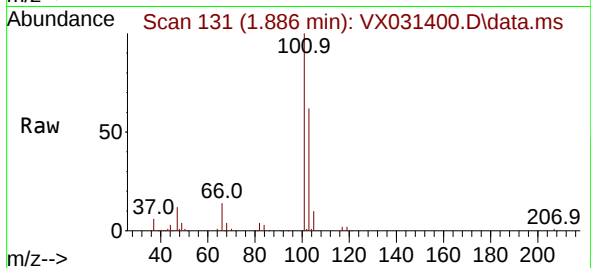
Tgt Ion: 64 Resp: 28437
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 42.597 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40

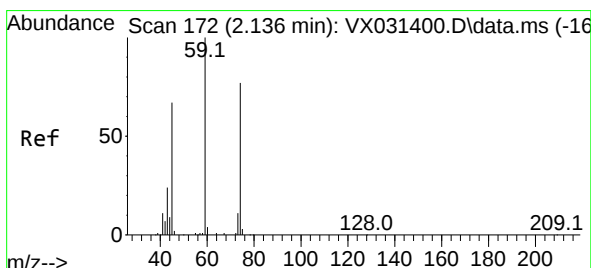
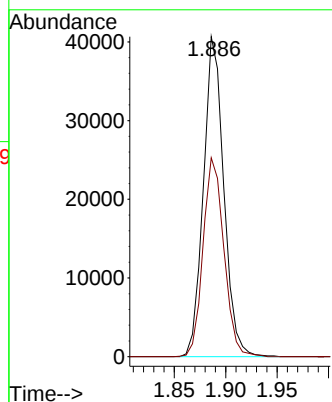
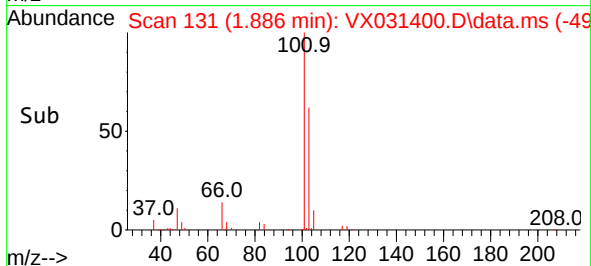
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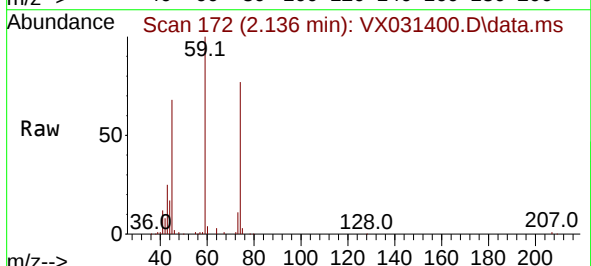
Tgt Ion: 101 Resp: 5608
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.6 74.4

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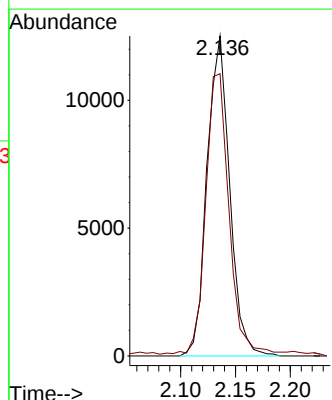
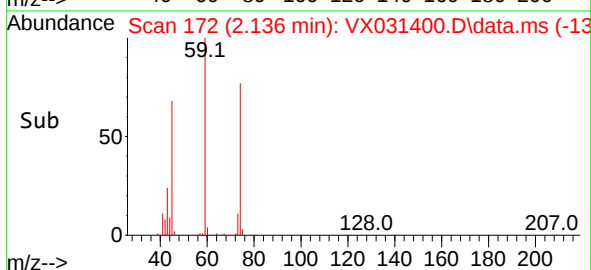
Reviewed By : John Carlone 09/17/2022
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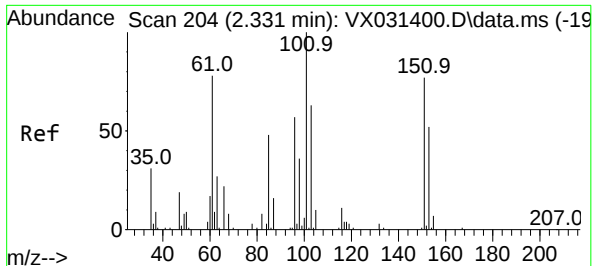


#8
 Diethyl Ether
 Concen: 32.105 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40



Tgt Ion: 74 Resp: 17978
 Ion Ratio Lower Upper
 74 100
 45 88.2 18.7 168.7





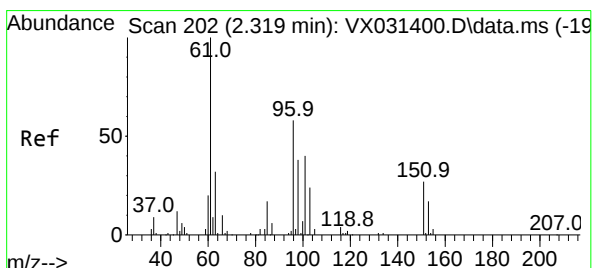
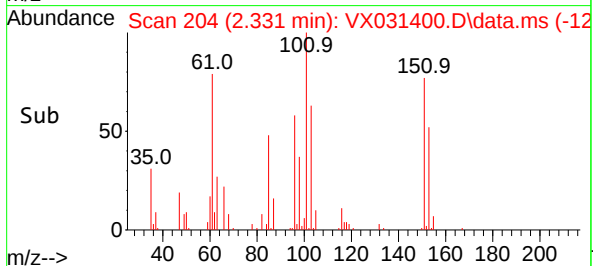
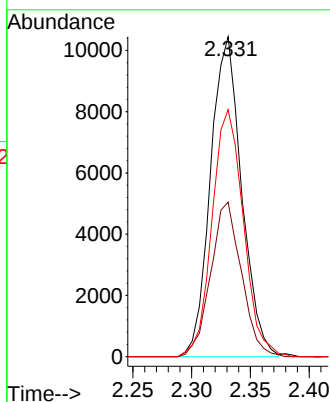
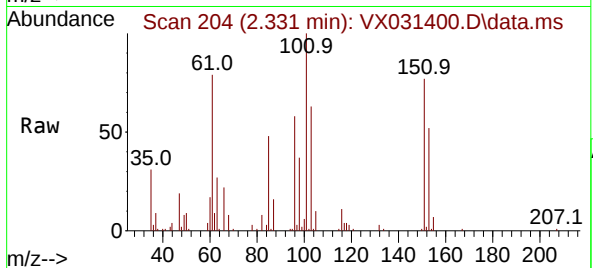
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1,1,2-Trichlorotrifluoroethane
Concen: 21.739 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
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Tgt Ion:101 Resp: 1927
Ion Ratio Lower Upper
101 100
85 47.7 0.0 84.6
151 77.7 0.0 165.4

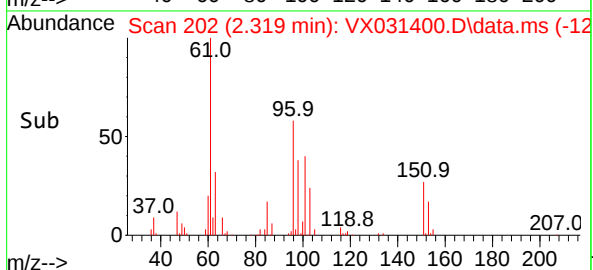
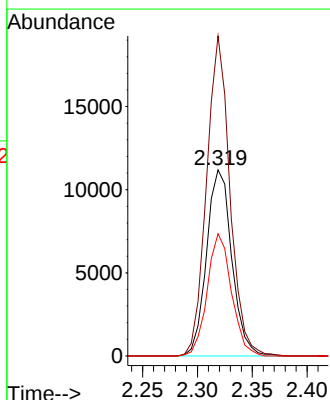
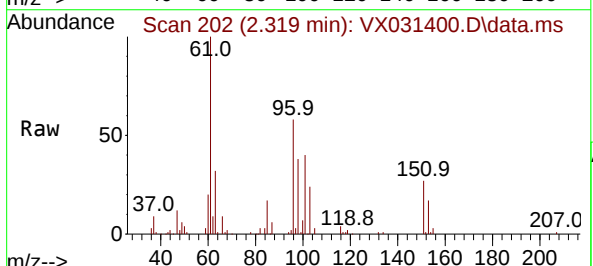
Manual Integrations
APPROVED

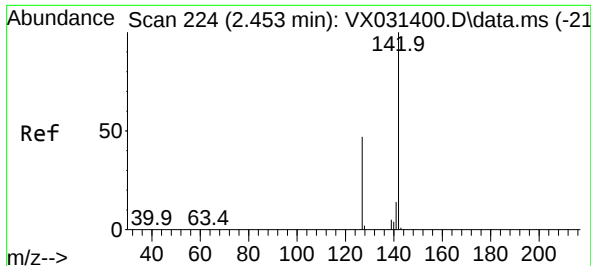
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
1,1-Dichloroethene
Concen: 19.865 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

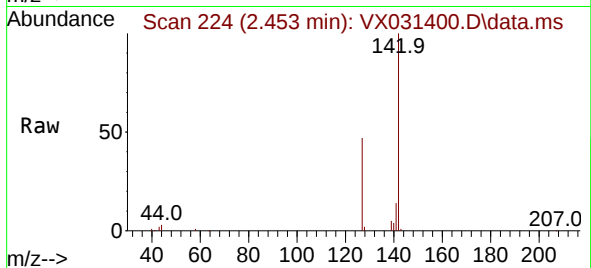
Tgt Ion: 96 Resp: 17982
Ion Ratio Lower Upper
96 100
61 172.0 122.6 183.8
98 65.7 50.1 75.1





#11
Methyl Iodide
Concen: 26.039 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

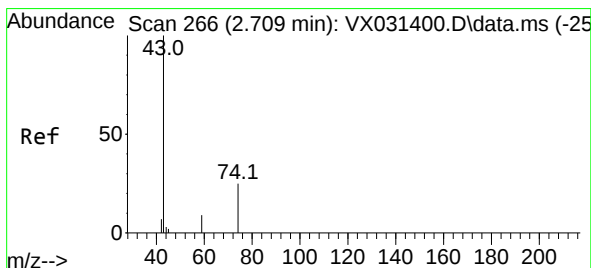
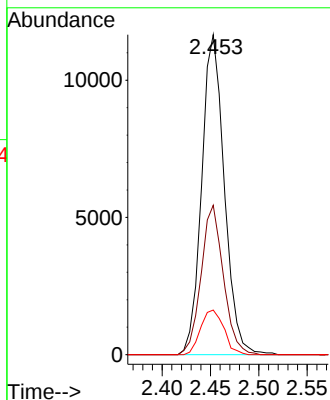
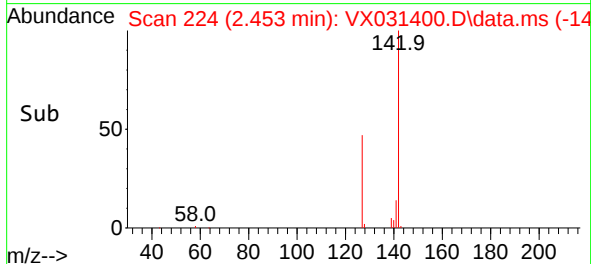
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



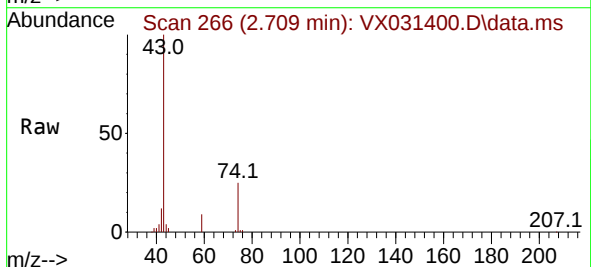
Tgt Ion:142 Resp: 1900
Ion Ratio Lower Upper
142 100
127 46.7 22.3 66.9
141 13.9 7.0 20.9

Manual Integrations
APPROVED

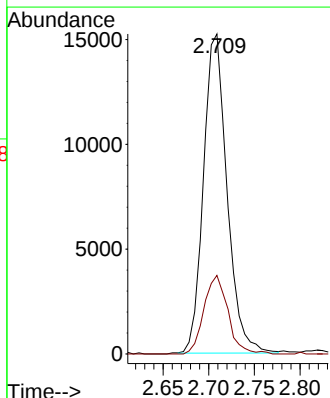
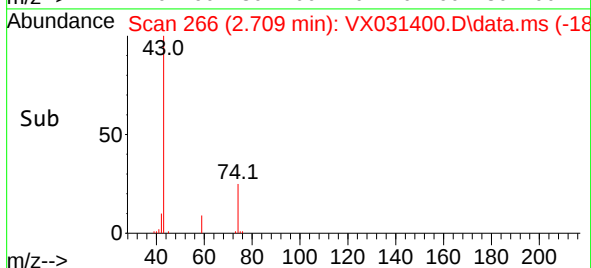
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

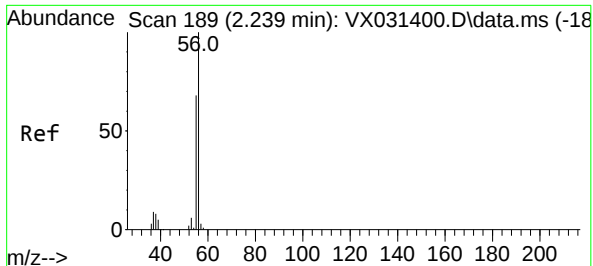


#12
Methyl Acetate
Concen: 18.548 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40



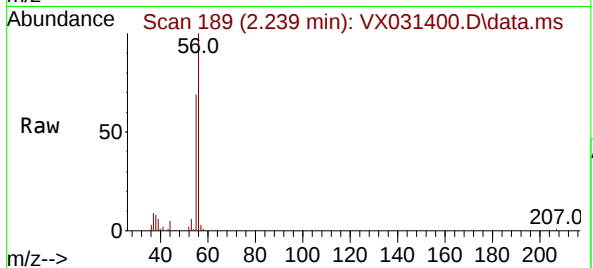
Tgt Ion: 43 Resp: 27344
Ion Ratio Lower Upper
43 100
74 24.7 22.1 33.1





#13
Acrolein
Concen: 102.041 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

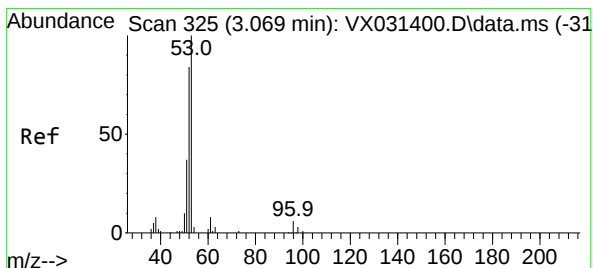
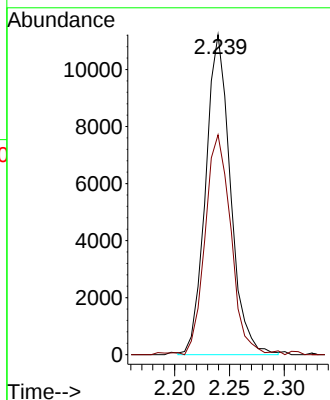
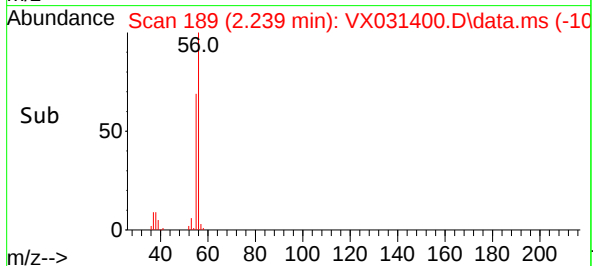
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



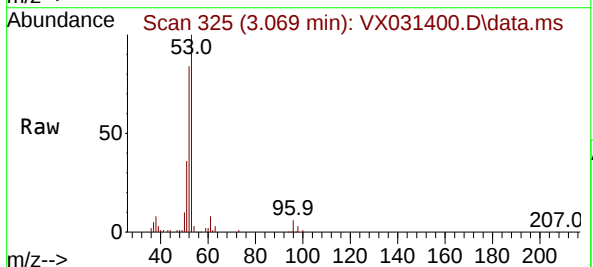
Tgt Ion: 56 Resp: 17672
Ion Ratio Lower Upper
56 100
55 71.0 56.4 84.6

Manual Integrations
APPROVED

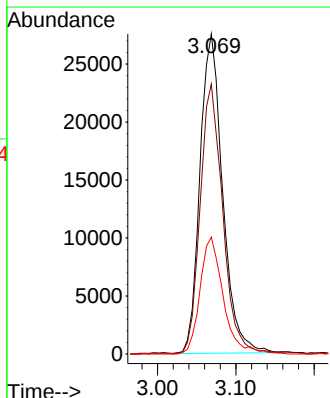
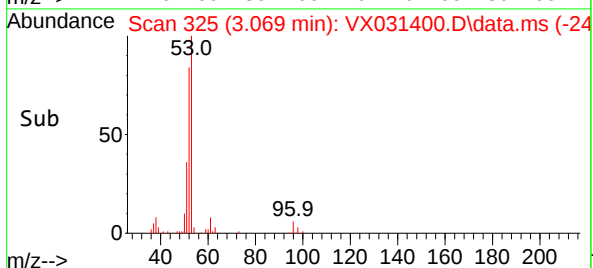
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

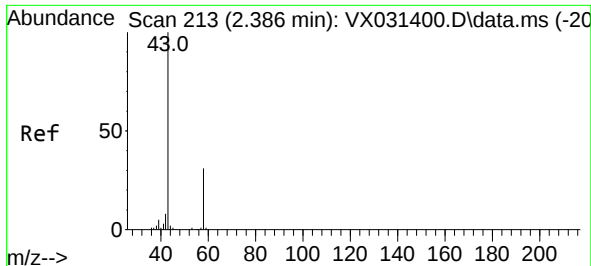


#14
Acrylonitrile
Concen: 87.210 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40



Tgt Ion: 53 Resp: 55333
Ion Ratio Lower Upper
53 100
52 84.2 41.5 124.5
51 37.4 18.1 54.4





#15

Acetone

Concen: 98.859 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 17038

Ion Ratio Lower Upper

58 100

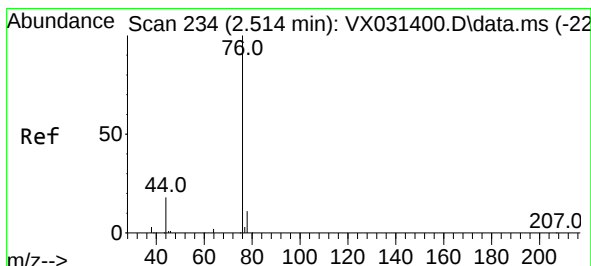
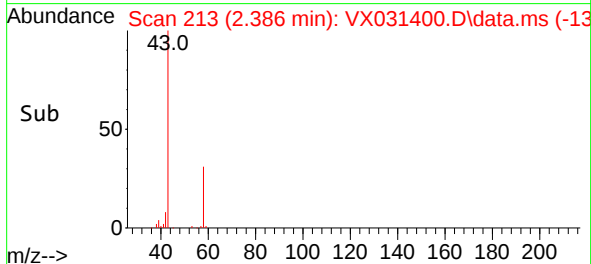
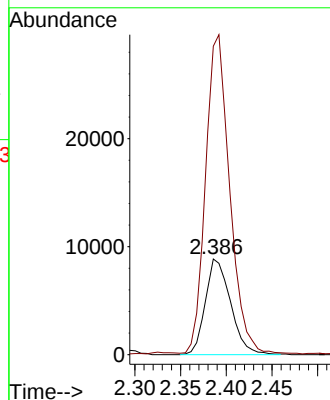
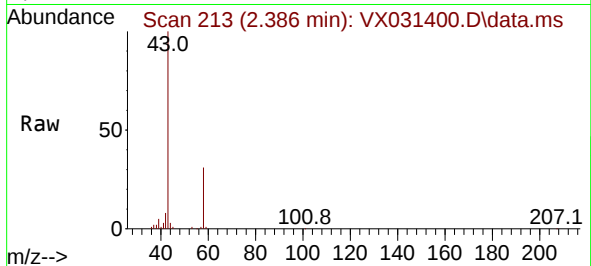
43 320.9 250.2 375.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#16

Carbon Disulfide

Concen: 19.121 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX031400.D

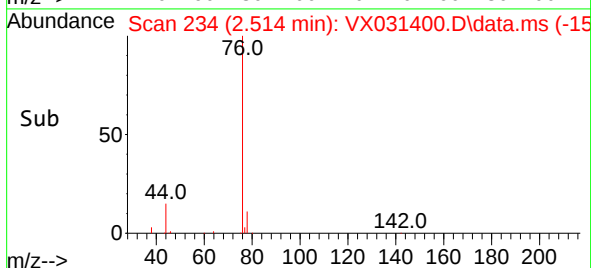
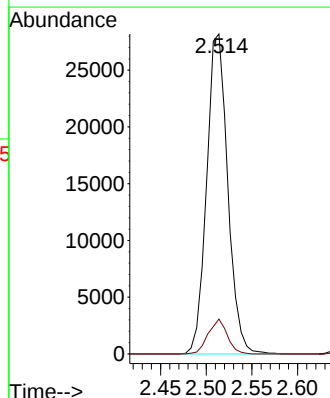
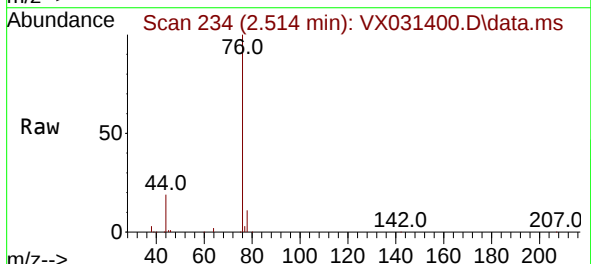
Acq: 16 Sep 2022 10:40

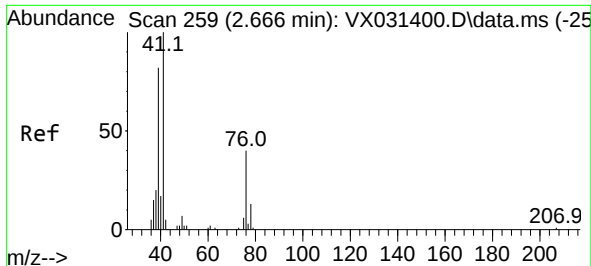
Tgt Ion: 76 Resp: 45183

Ion Ratio Lower Upper

76 100

78 10.9 7.1 10.7#





#17

Allyl chloride

Concen: 18.060 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031400.D

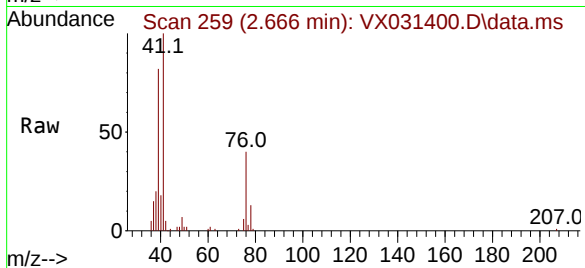
Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020



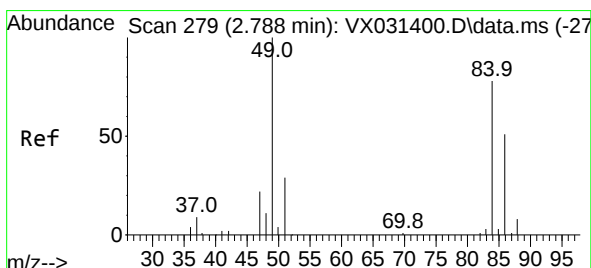
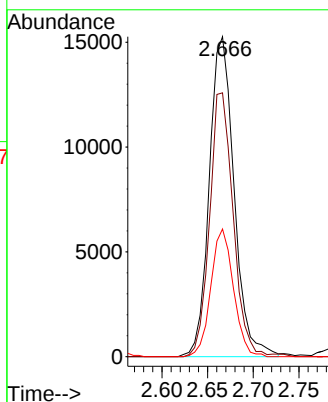
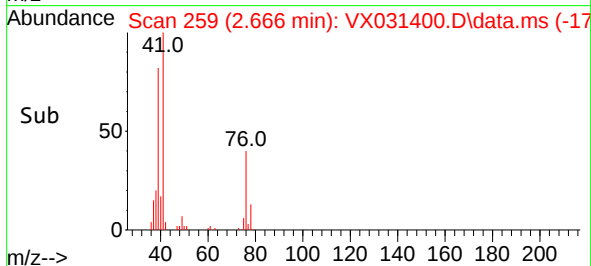
Tgt Ion:	41	Resp:	2880
Ion	Ratio	Lower	Upper
41	100		
39	82.4	35.4	106.1
76	39.9	18.4	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#18

Methylene Chloride

Concen: 20.183 ug/l

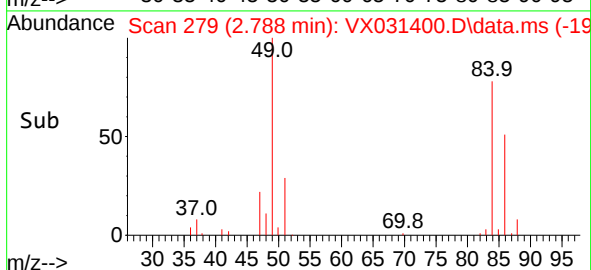
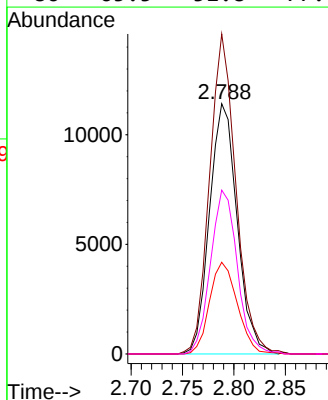
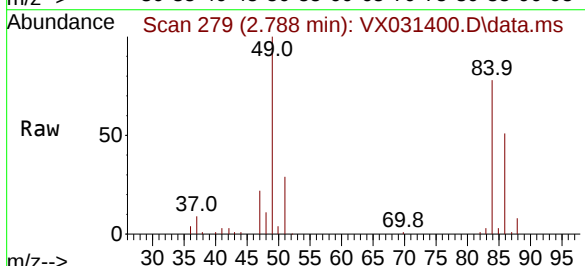
RT: 2.788 min Scan# 279

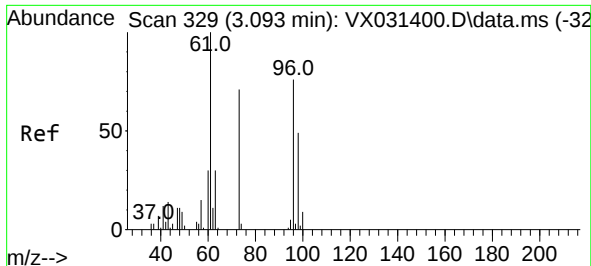
Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

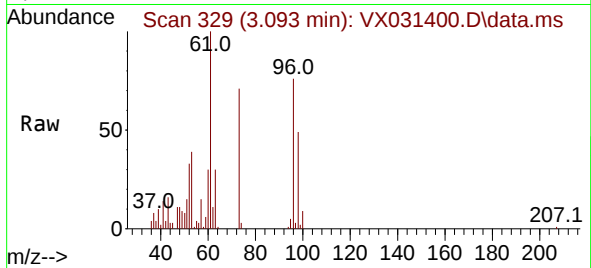
Tgt Ion:	84	Resp:	21285
Ion	Ratio	Lower	Upper
84	100		
49	127.9	94.2	141.2
51	36.6	29.2	43.8
86	65.5	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 20.833 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

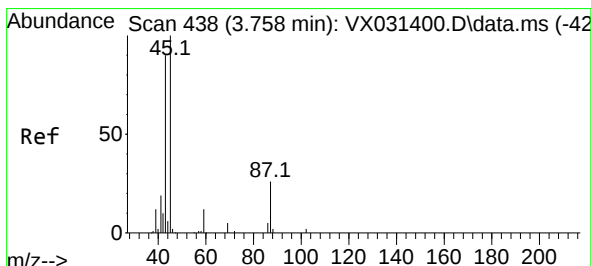
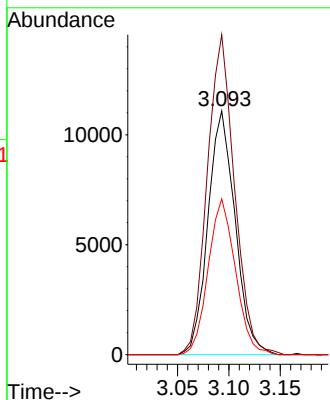
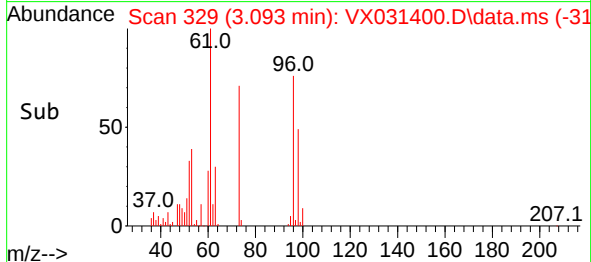
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 20464
Ion Ratio Lower Upper
96 100
61 131.2 108.7 163.1
98 63.9 49.2 73.8

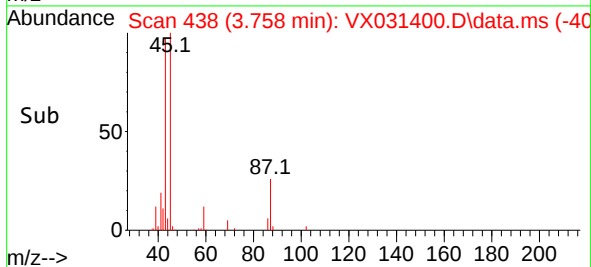
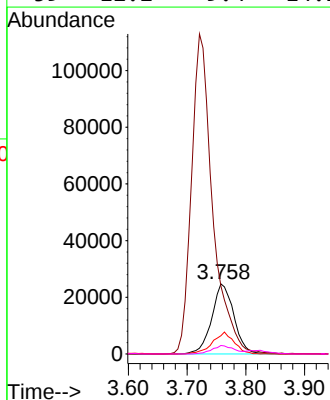
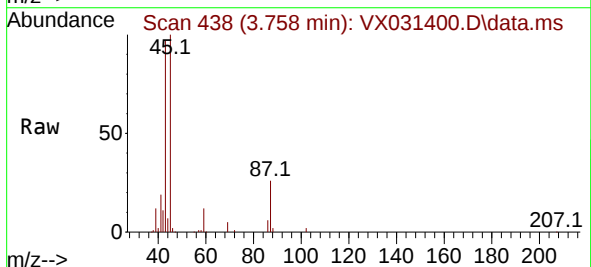
Manual Integrations
APPROVED

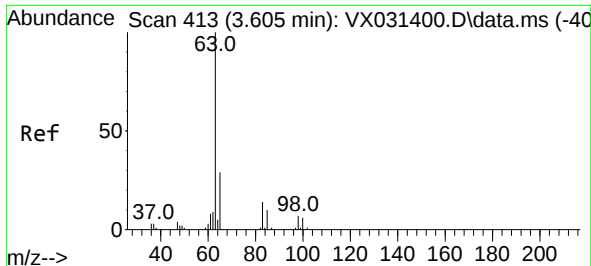
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Diisopropyl ether
Concen: 20.237 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 45 Resp: 64671
Ion Ratio Lower Upper
45 100
43 95.9 70.3 105.5
87 26.1 24.5 36.7
59 12.2 9.4 14.2





#21

1,1-Dichloroethane

Concen: 21.131 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

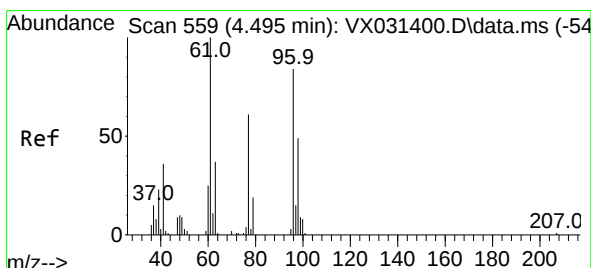
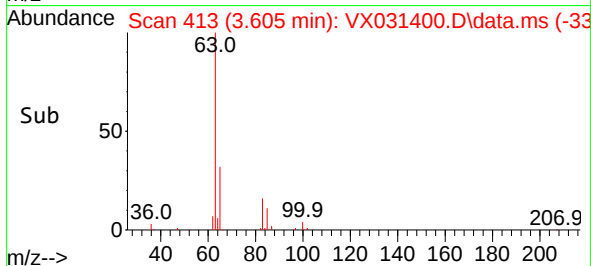
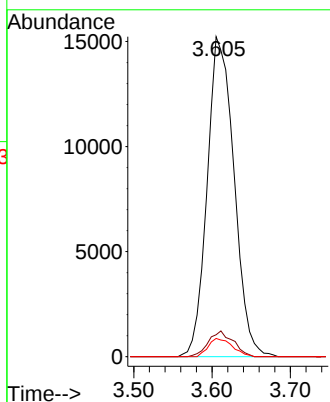
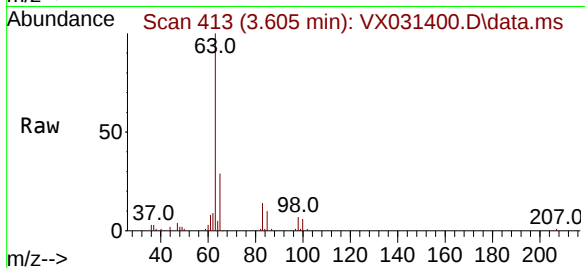
Tgt Ion: 63	Resp: 3635
Ion Ratio	Lower Upper
63 100	
98 6.8	3.8 11.2
100 5.7	2.5 7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#22

cis-1,2-Dichloroethene

Concen: 20.475 ug/l

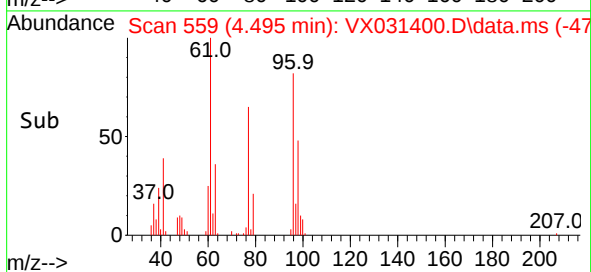
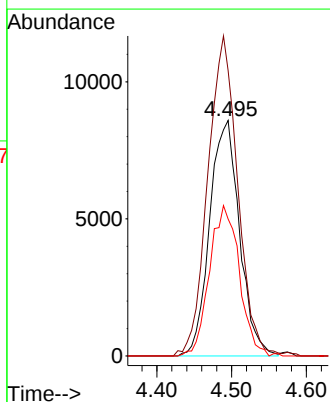
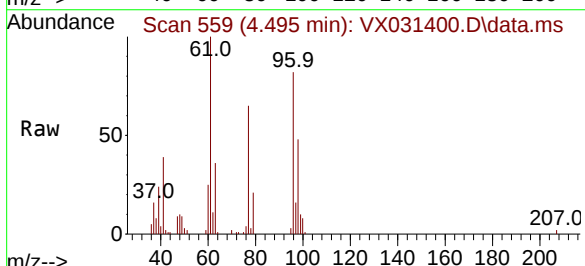
RT: 4.495 min Scan# 559

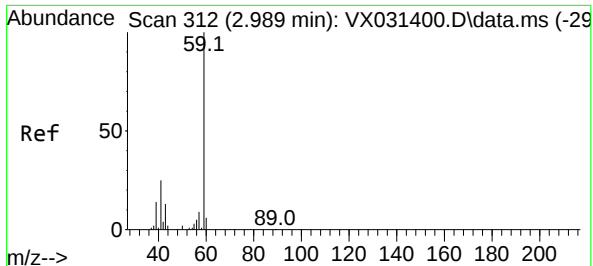
Delta R.T. 0.006 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Tgt Ion: 96	Resp: 23882
Ion Ratio	Lower Upper
96 100	
61 135.6	107.4 161.2
98 63.5	51.1 76.7





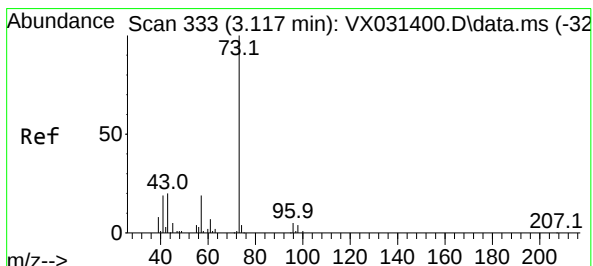
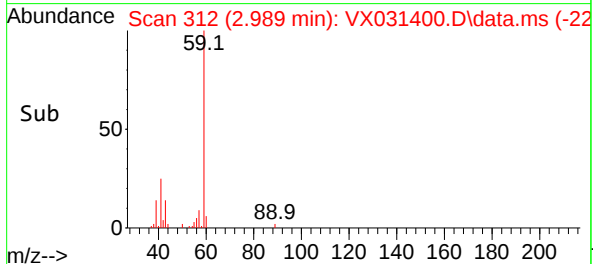
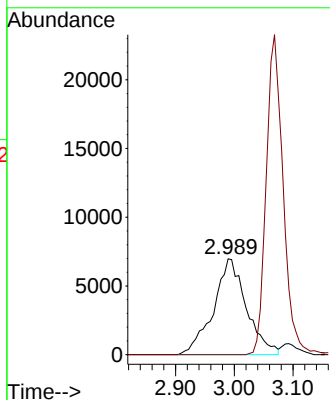
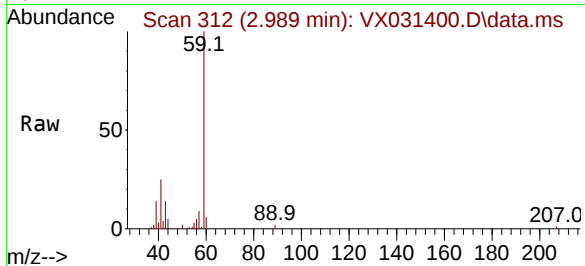
#23
tert-Butyl Alcohol
Concen: 93.679 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 27229
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

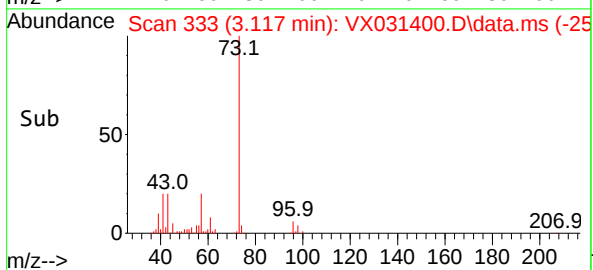
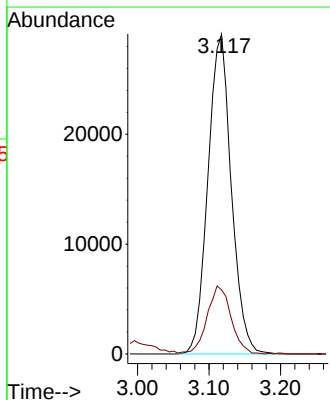
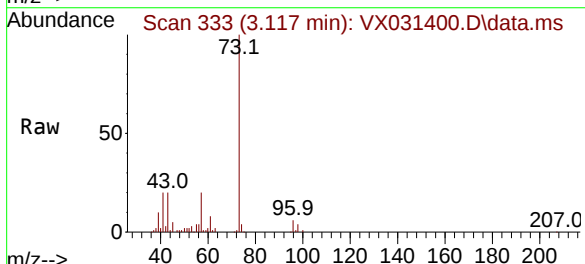
Manual Integrations
APPROVED

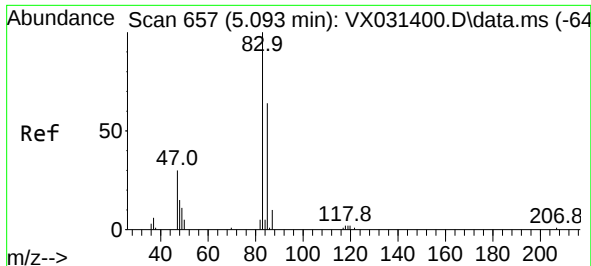
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#24
Methyl tert-Butyl Ether
Concen: 22.637 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

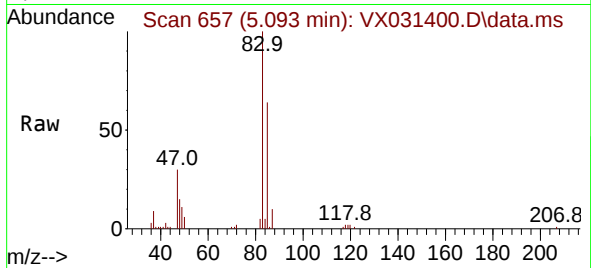
Tgt Ion: 73 Resp: 66105
Ion Ratio Lower Upper
73 100
43 21.7 16.0 24.0





#25
Chloroform
Concen: 22.851 ug/l
RT: 5.093 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

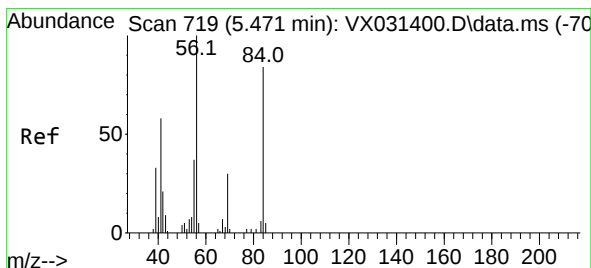
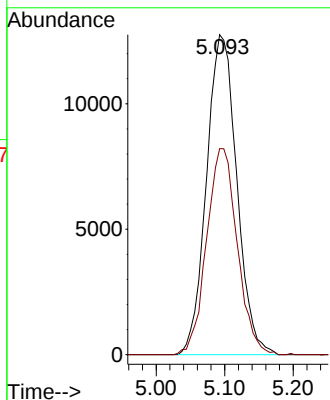
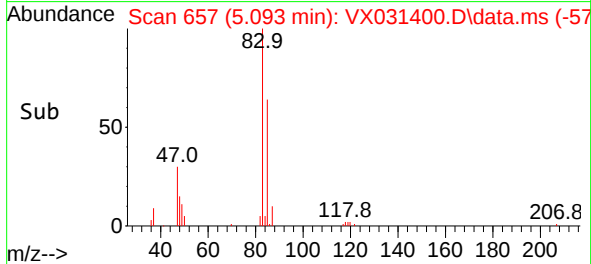
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 39180
Ion Ratio Lower Upper
83 100
85 64.4 49.9 74.9

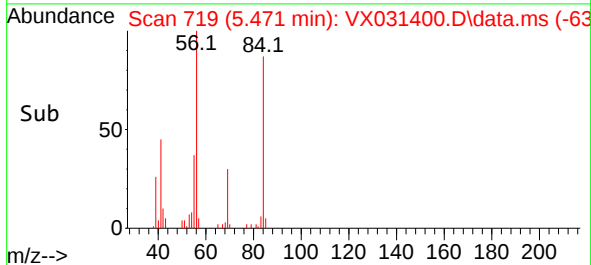
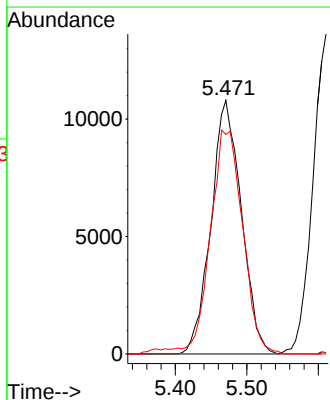
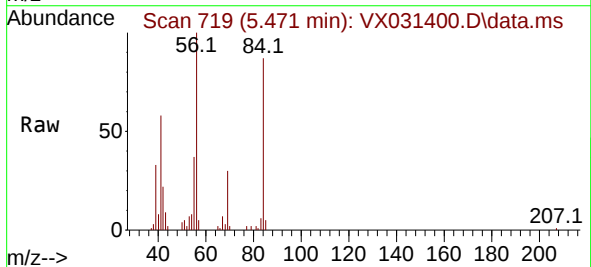
Manual Integrations
APPROVED

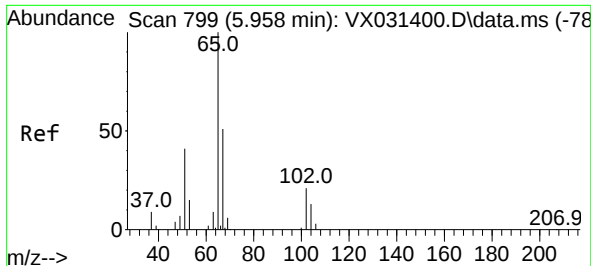
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
Cyclohexane
Concen: 19.953 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 56 Resp: 31804
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.3 76.2 114.2





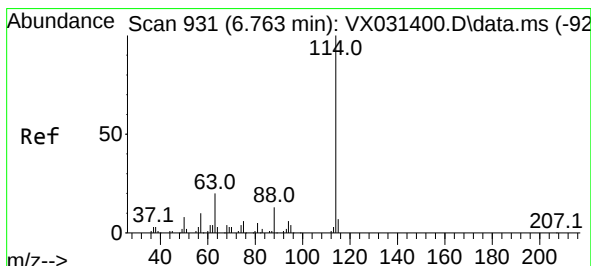
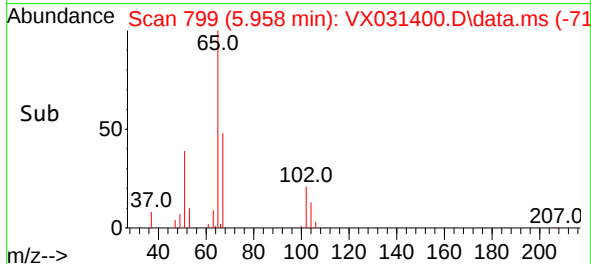
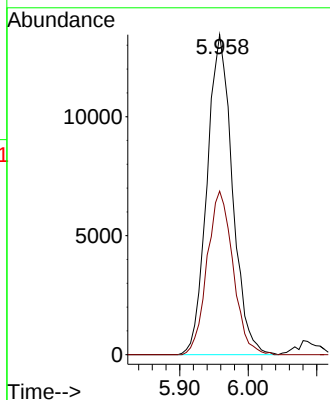
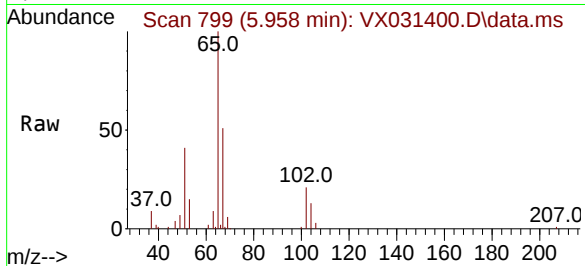
#27
 1,2-Dichloroethane-d4
 Concen: 32.987 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 65 Resp: 3457
 Ion Ratio Lower Upper
 65 100
 67 52.1 42.3 63.5

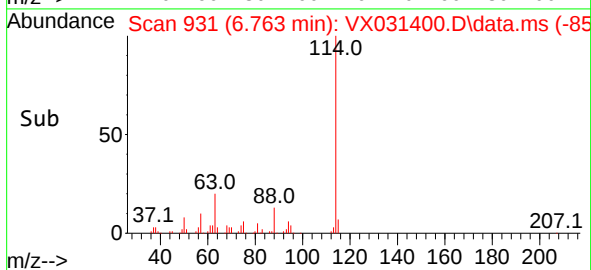
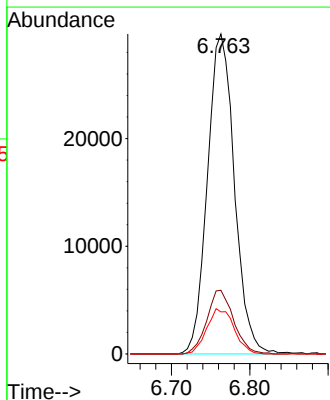
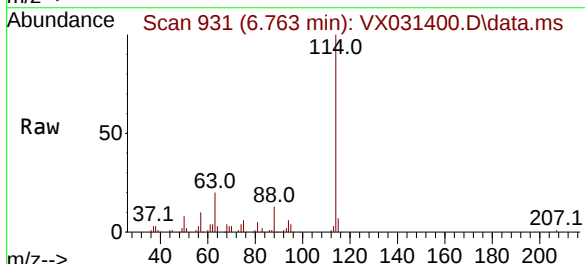
Manual Integrations
 APPROVED

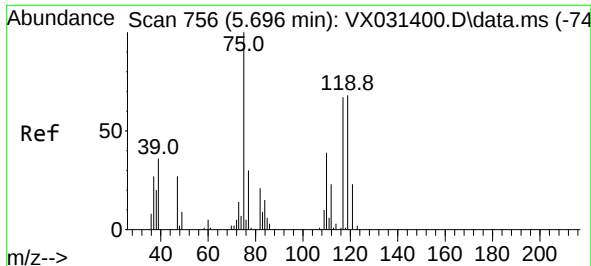
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40

Tgt Ion:114 Resp: 71104
 Ion Ratio Lower Upper
 114 100
 63 19.8 15.3 22.9
 88 14.3 12.2 18.4





#29

1,1-Dichloropropene

Concen: 23.750 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

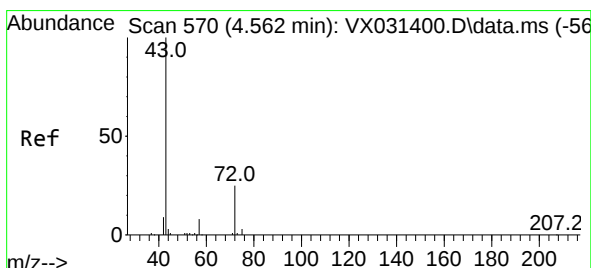
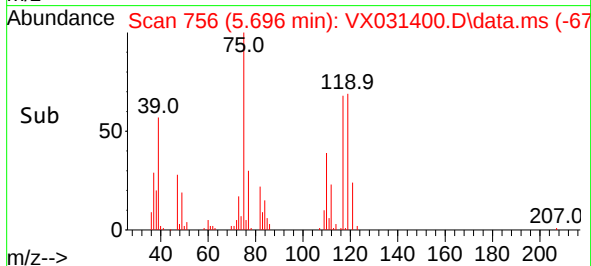
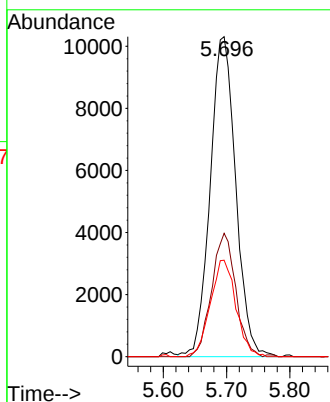
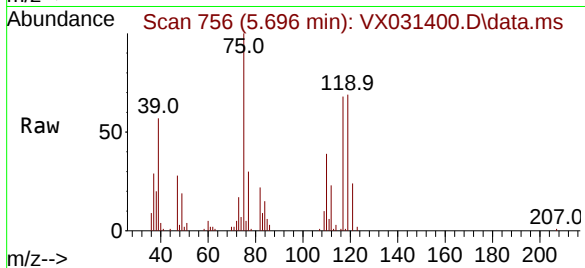
Tgt Ion: 75	Resp: 2888
Ion Ratio	Lower Upper
75 100	
110 36.4	0.0 73.6
77 30.2	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

2-Butanone

Concen: 101.675 ug/l

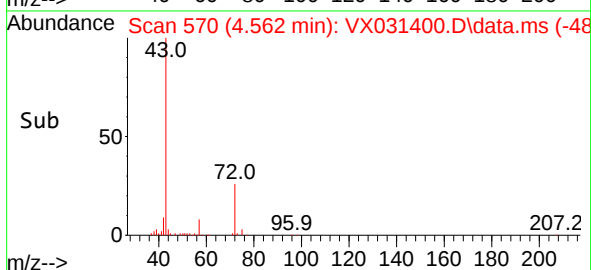
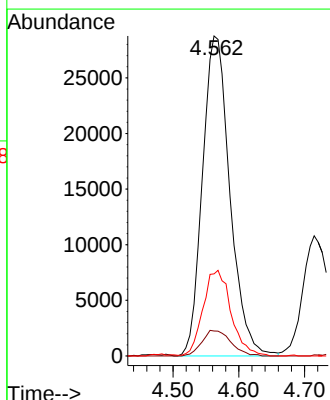
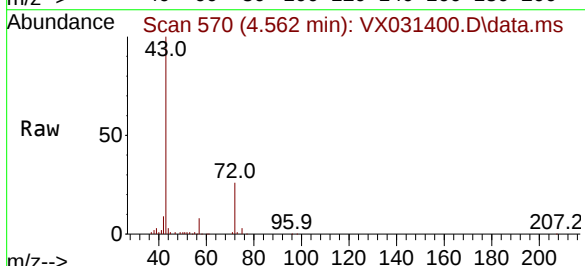
RT: 4.562 min Scan# 570

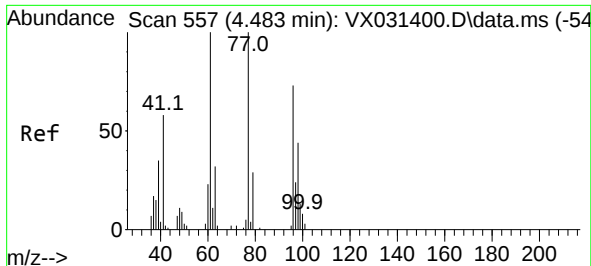
Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Tgt Ion: 43	Resp: 83476
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 10.0
72 27.2	22.1 33.1





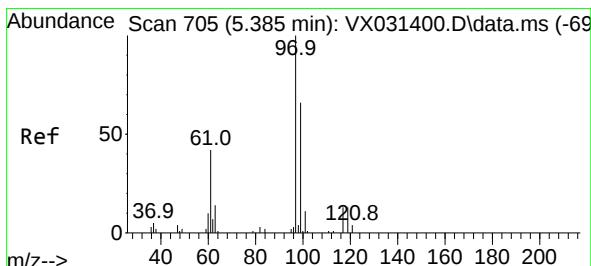
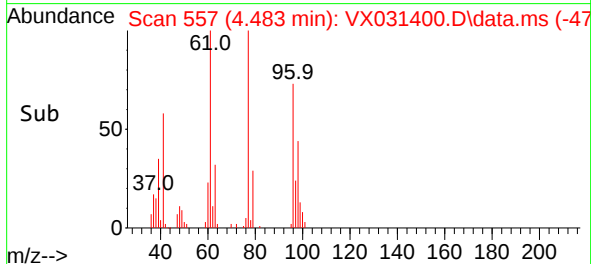
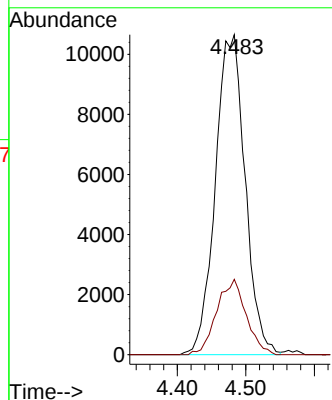
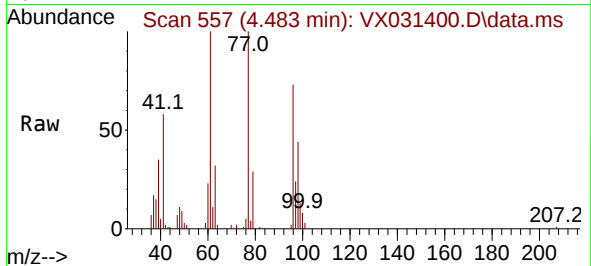
#31
2,2-Dichloropropane
Concen: 27.622 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 3211
Ion Ratio Lower Upper
77 100
97 23.0 18.4 27.6

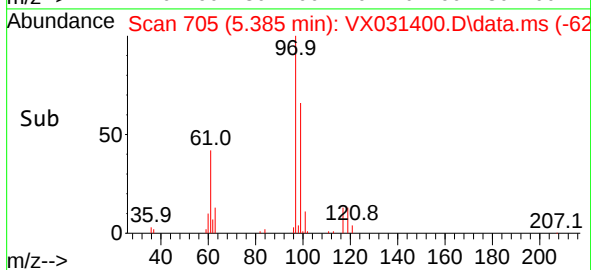
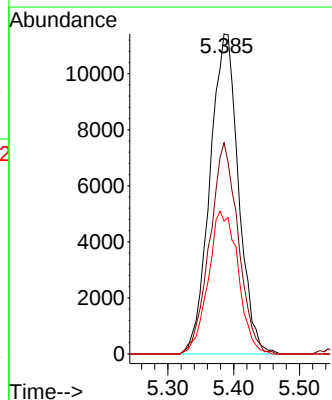
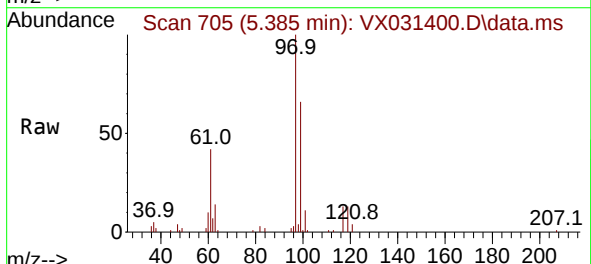
Manual Integrations
APPROVED

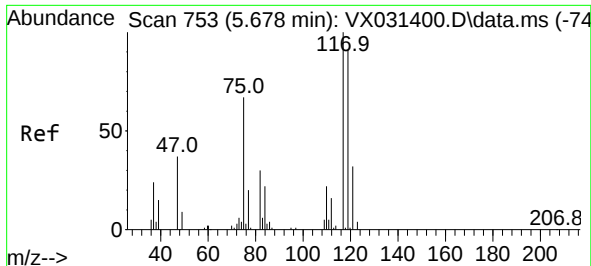
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#32
1,1,1-Trichloroethane
Concen: 26.397 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

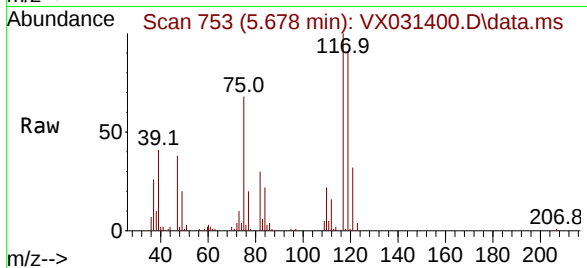
Tgt Ion: 97 Resp: 34525
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 46.6 33.4 50.0





#33
Carbon Tetrachloride
Concen: 27.592 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

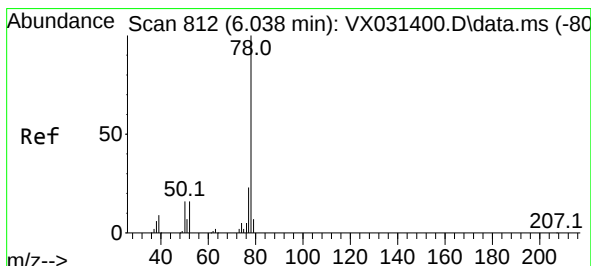
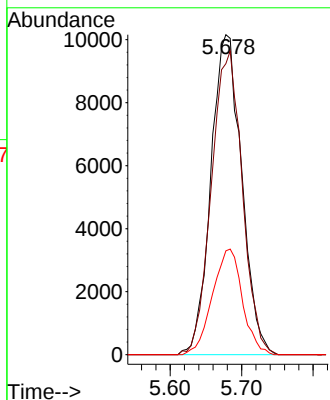
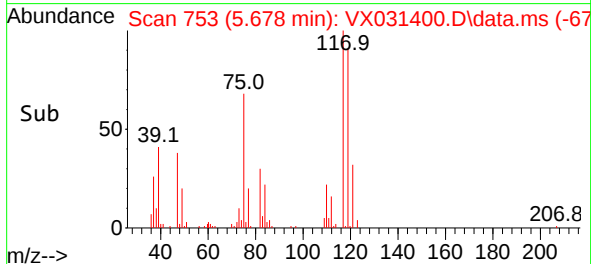
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 30310
Ion Ratio Lower Upper
117 100
119 91.0 75.3 112.9
121 32.5 24.1 36.1

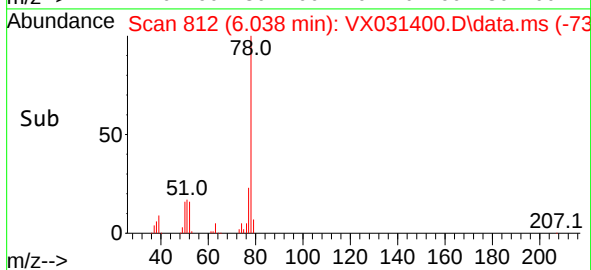
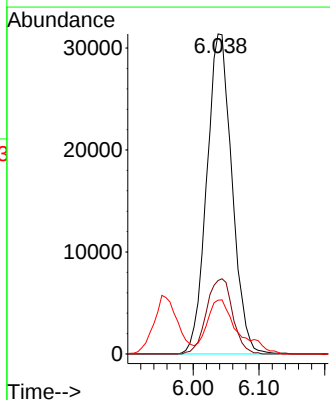
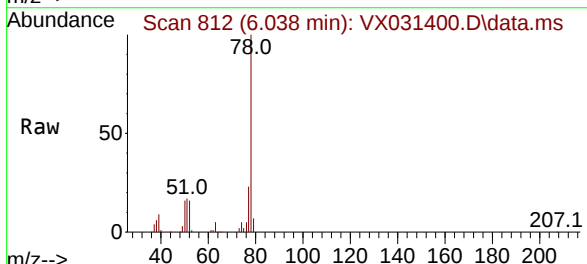
Manual Integrations
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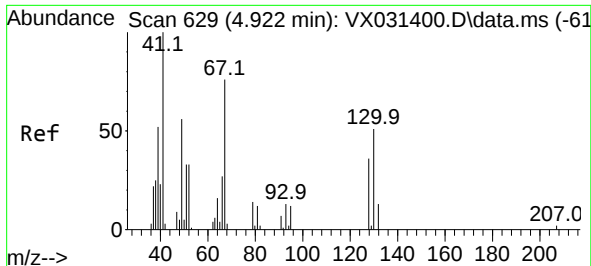
Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022



#34
Benzene
Concen: 21.415 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

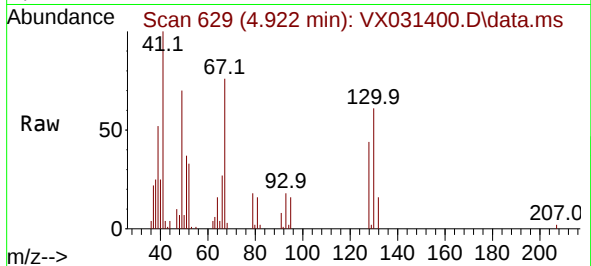
Tgt Ion: 78 Resp: 83707
Ion Ratio Lower Upper
78 100
77 22.9 18.5 27.7
51 16.3 12.9 19.3





#35
Methacrylonitrile
Concen: 19.098 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

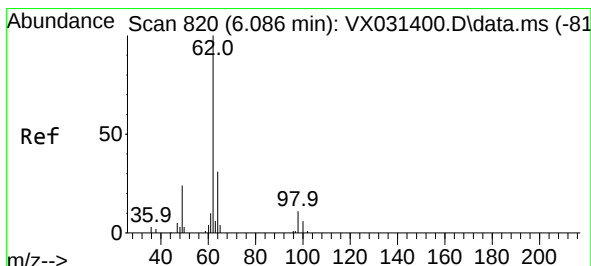
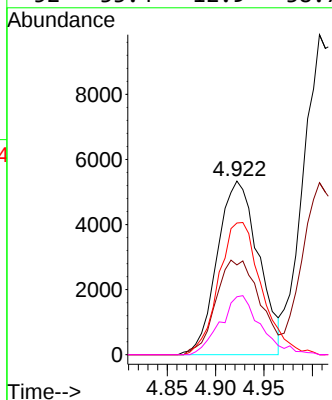
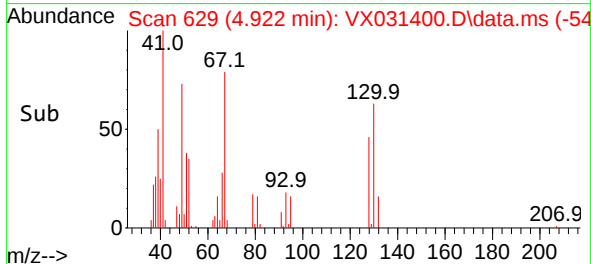
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 1587
Ion Ratio Lower Upper
41 100
39 51.7 27.0 81.0
67 75.9 33.3 99.8
52 33.4 12.9 38.7

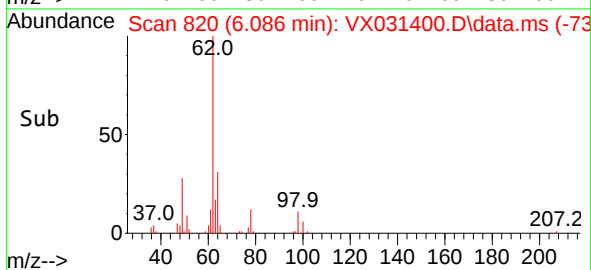
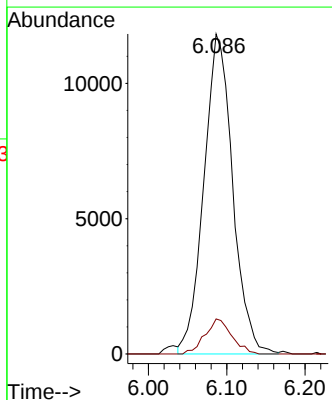
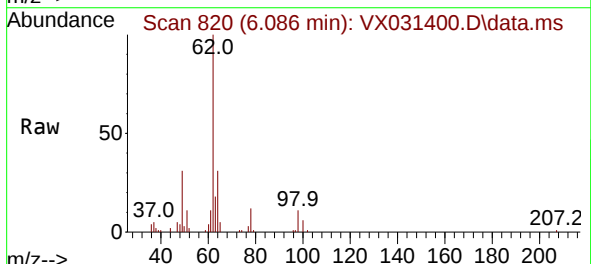
Manual Integrations
APPROVED

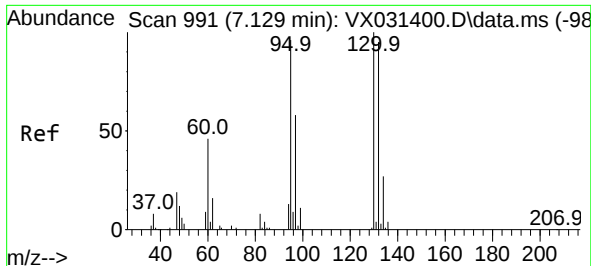
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#36
1,2-Dichloroethane
Concen: 25.392 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 62 Resp: 30214
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0





#37

Trichloroethene

Concen: 22.413 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 23430

Ion Ratio Lower Upper

130 100

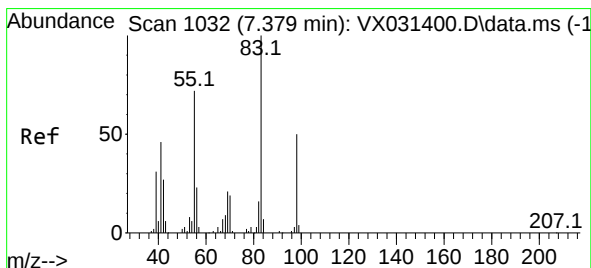
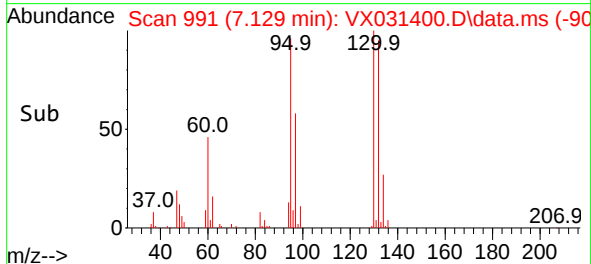
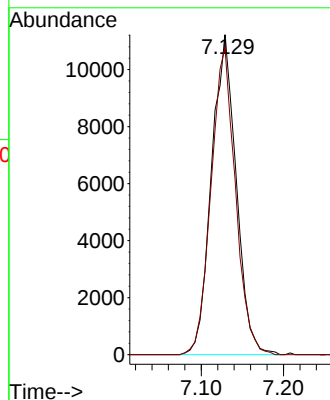
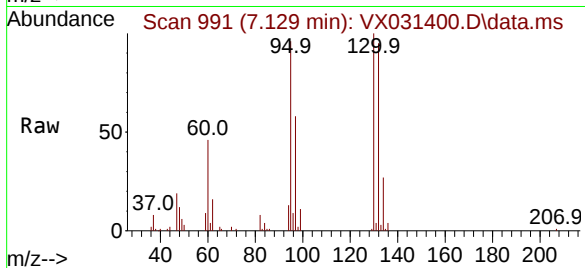
95 96.0 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Methylcyclohexane

Concen: 21.509 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

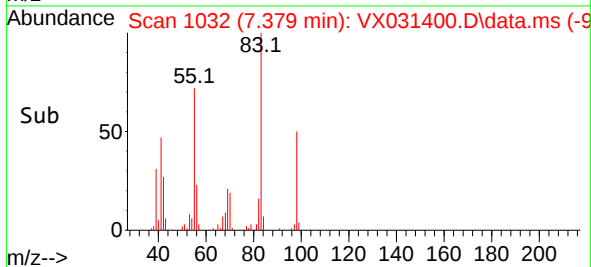
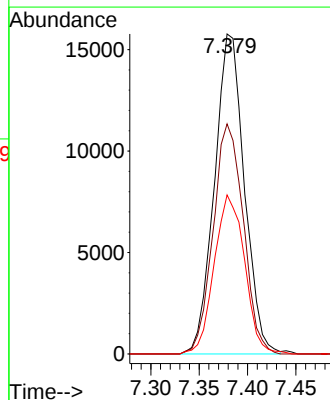
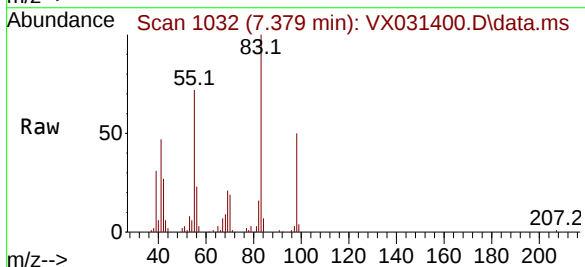
Tgt Ion: 83 Resp: 33947

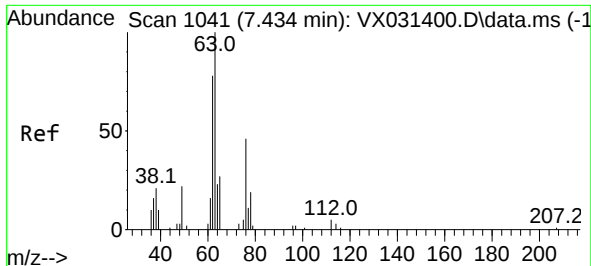
Ion Ratio Lower Upper

83 100

55 72.4 37.0 110.9

98 50.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 20.696 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 2059

Ion Ratio Lower Upper

63 100

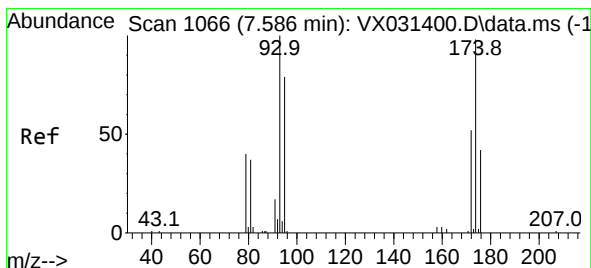
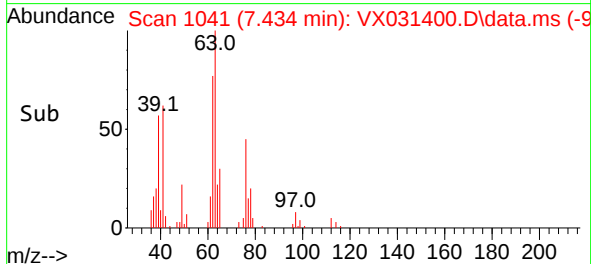
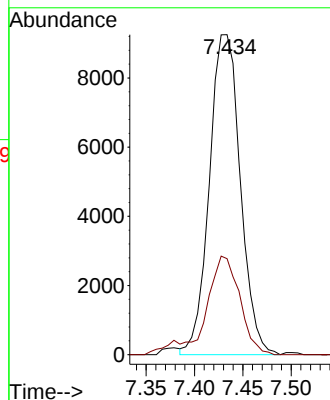
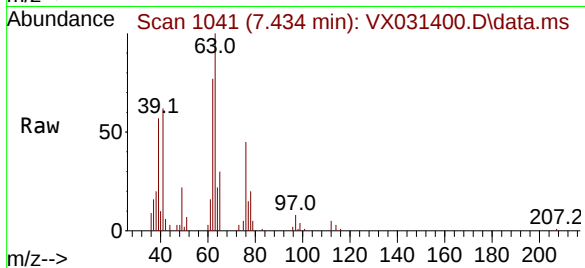
65 30.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Dibromomethane

Concen: 23.389 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

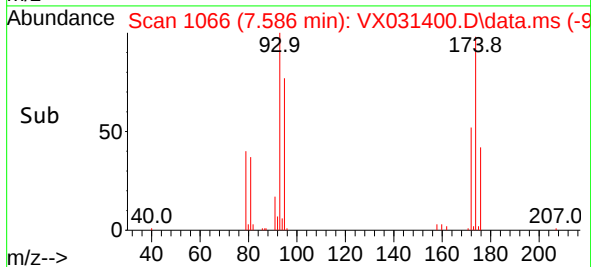
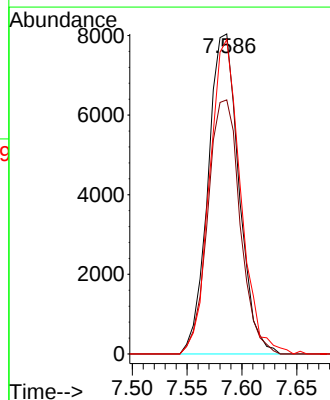
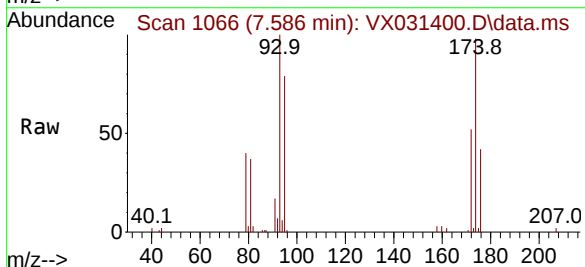
Tgt Ion: 93 Resp: 15775

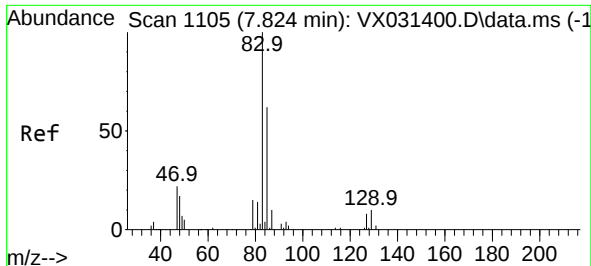
Ion Ratio Lower Upper

93 100

95 82.7 0.0 168.8

174 98.2 0.0 220.8





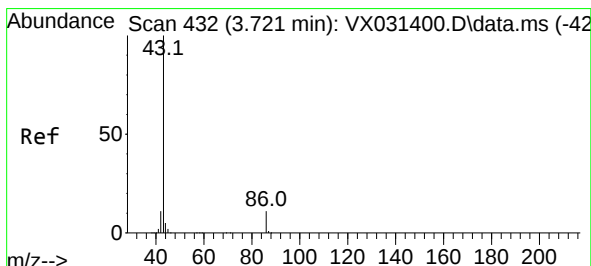
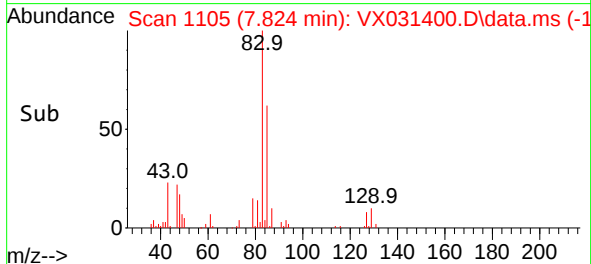
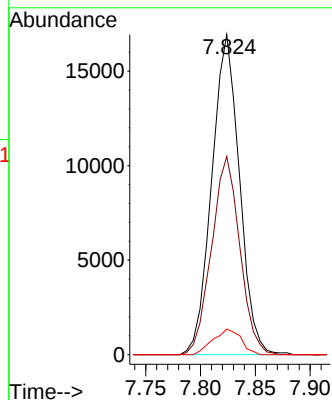
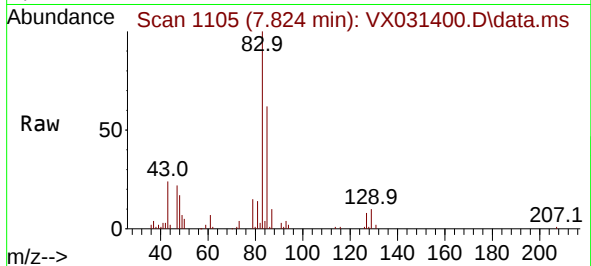
#41
Bromodichloromethane
Concen: 24.712 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 2977
Ion Ratio Lower Upper
83 100
85 61.9 50.6 75.8
127 8.0 7.0 10.6

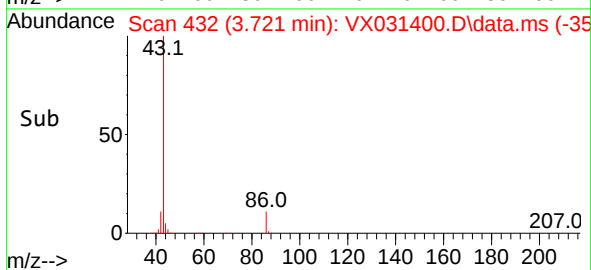
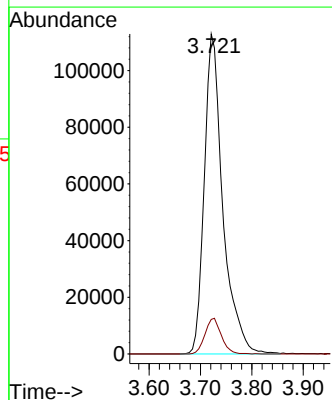
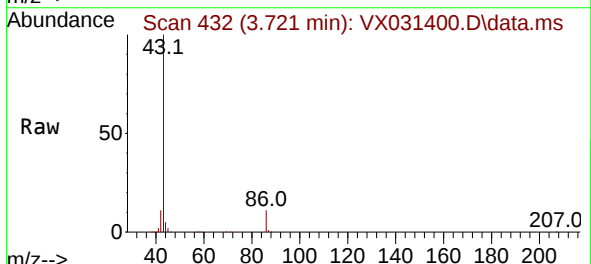
Manual Integrations
APPROVED

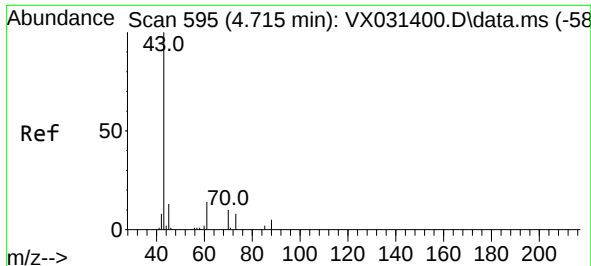
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
Vinyl Acetate
Concen: 107.910 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 43 Resp: 283322
Ion Ratio Lower Upper
43 100
86 9.7 8.5 12.7





#43

Ethyl Acetate

Concen: 20.438 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 31608

Ion Ratio Lower Upper

43 100

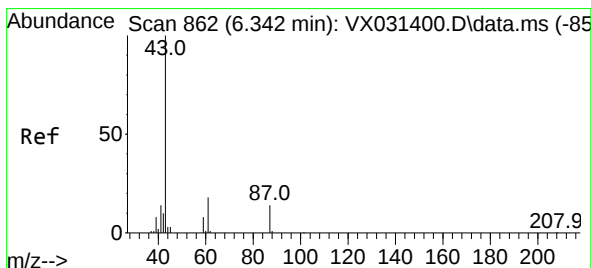
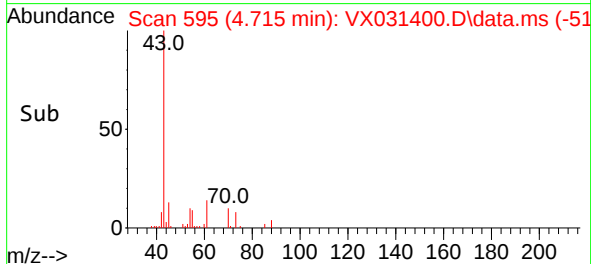
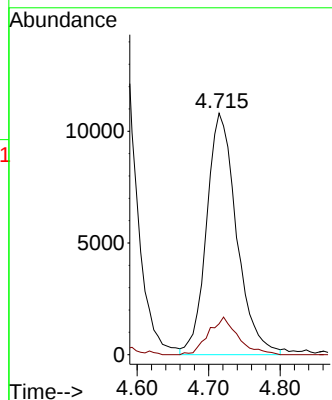
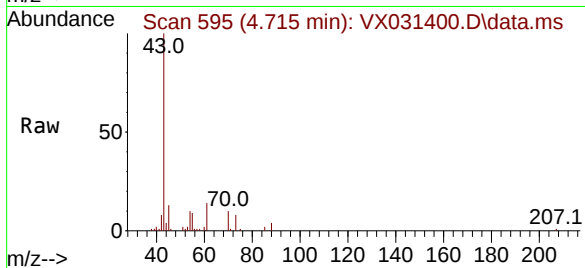
45 15.0 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#44

Isopropyl Acetate

Concen: 22.021 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031400.D

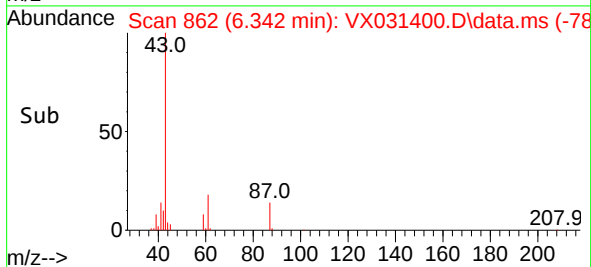
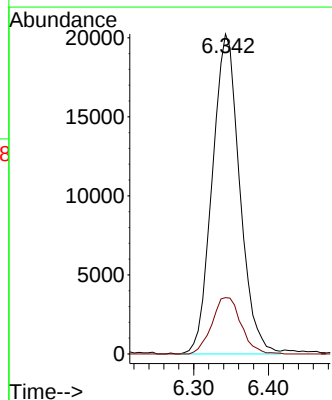
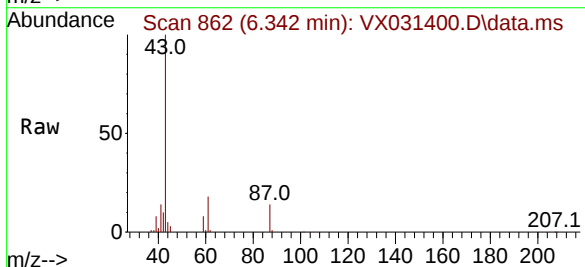
Acq: 16 Sep 2022 10:40

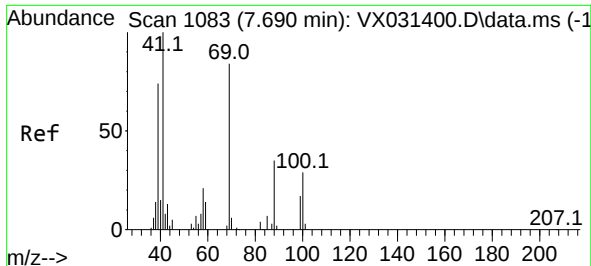
Tgt Ion: 43 Resp: 51737

Ion Ratio Lower Upper

43 100

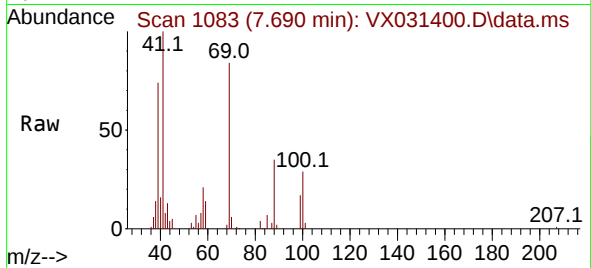
61 18.6 17.0 25.4





#45
1,4-Dioxane
Concen: 424.769 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

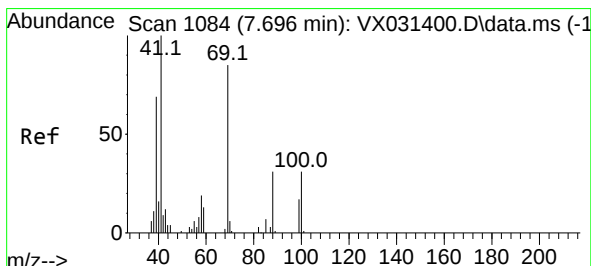
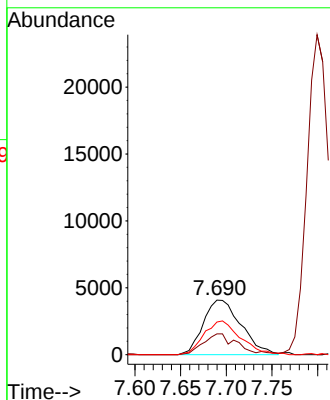
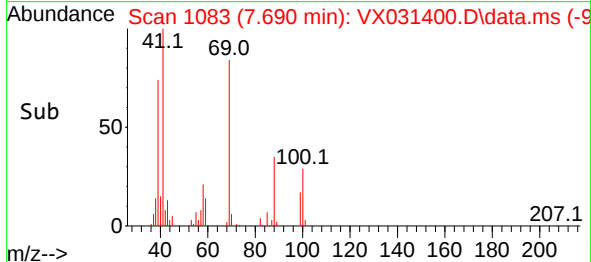
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 11715
Ion Ratio Lower Upper
88 100
43 23.6 25.8 38.6
58 59.0 54.8 82.2

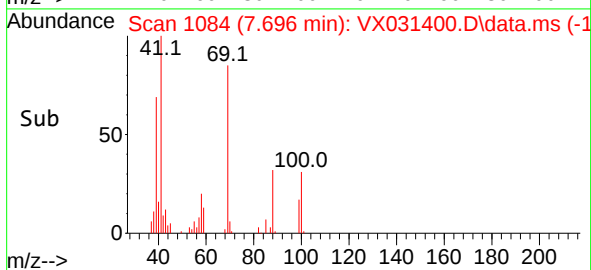
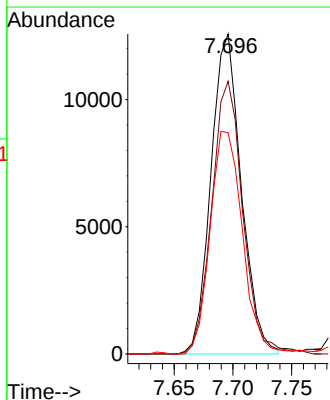
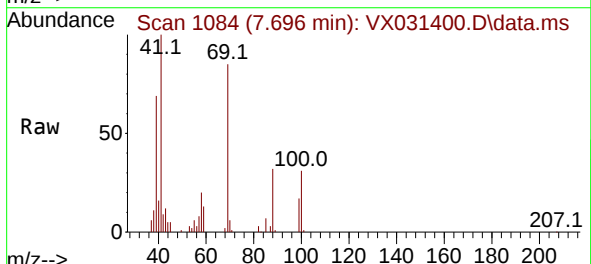
Manual Integrations
APPROVED

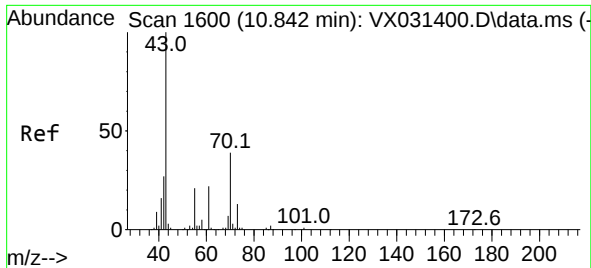
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#46
Methyl methacrylate
Concen: 20.285 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

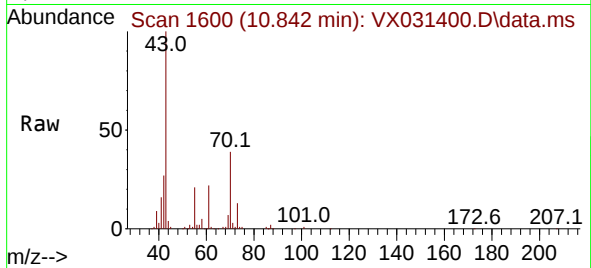
Tgt Ion: 41 Resp: 22584
Ion Ratio Lower Upper
41 100
69 85.2 41.9 125.8
39 69.1 27.5 82.5





#47
n-amyl acetate
Concen: 22.182 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

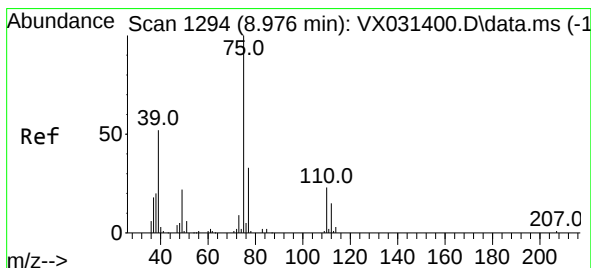
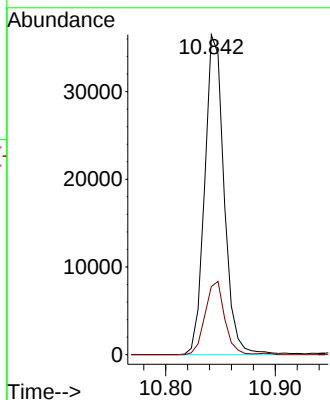
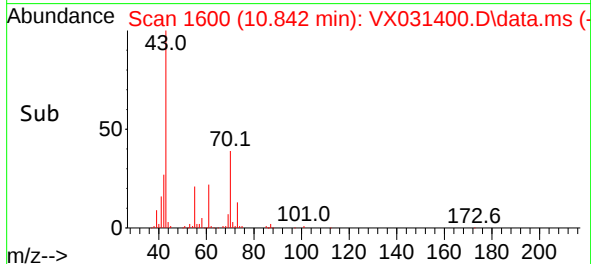
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 44769
Ion Ratio Lower Upper
43 100
55 23.0 20.4 30.6

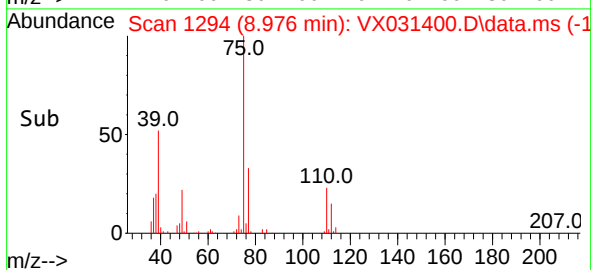
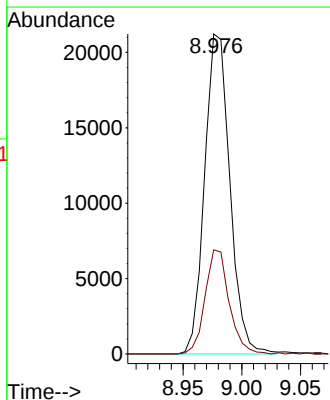
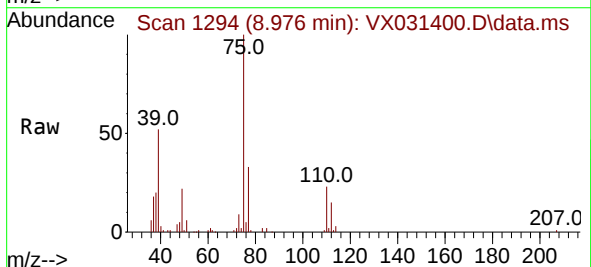
Manual Integrations
APPROVED

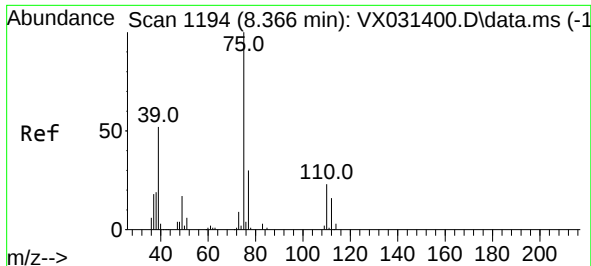
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#48
t-1,3-Dichloropropene
Concen: 23.833 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 75 Resp: 31733
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 22.788 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

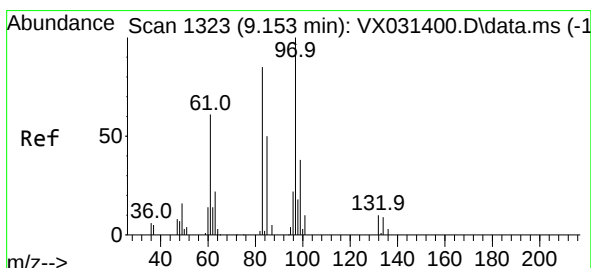
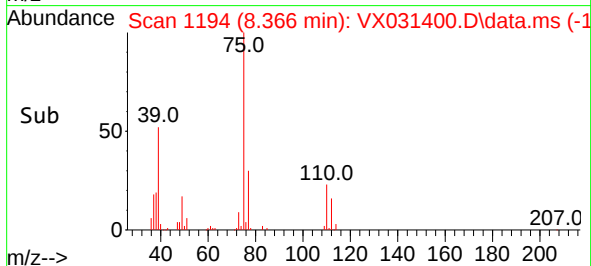
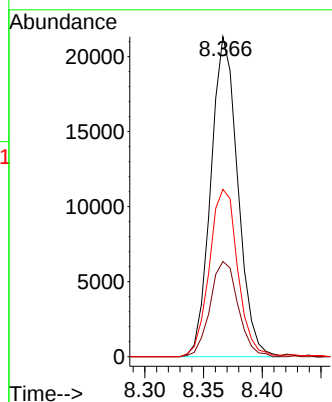
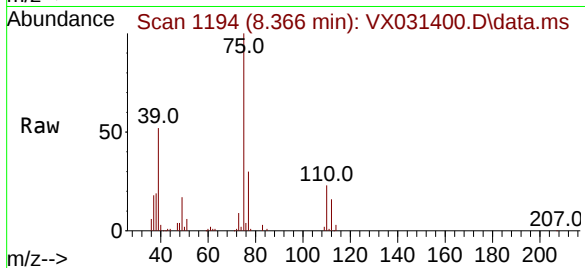
Tgt Ion:	75	Resp:	3407
Ion Ratio	Lower	Upper	
75	100		
77	29.8	25.2	37.8
39	52.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

1,1,2-Trichloroethane

Concen: 21.599 ug/l

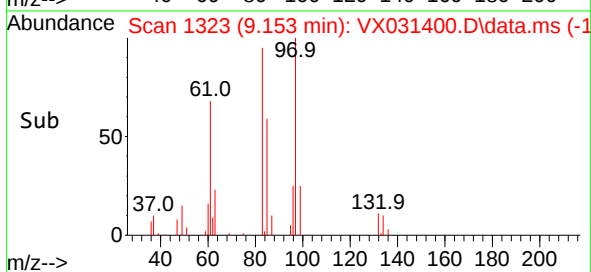
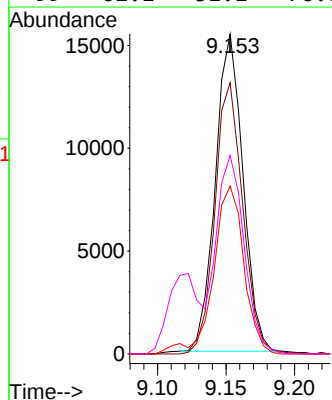
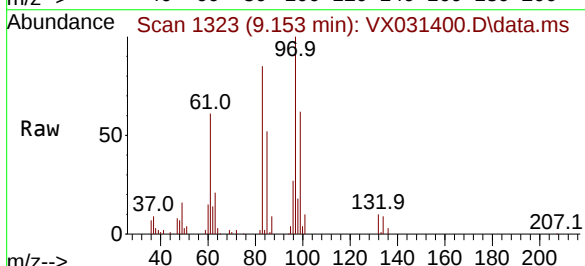
RT: 9.153 min Scan# 1323

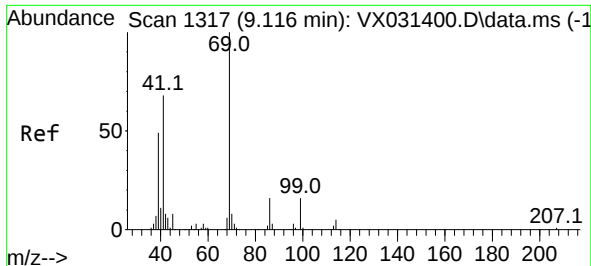
Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

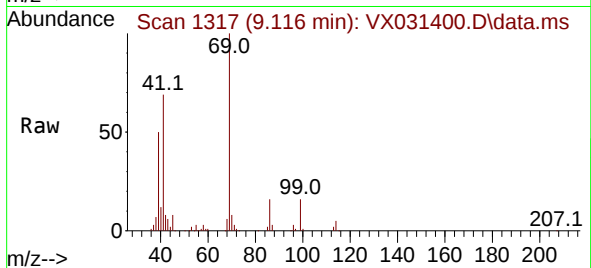
Tgt Ion:	97	Resp:	21582
Ion Ratio	Lower	Upper	
97	100		
83	85.5	66.2	99.4
85	52.9	40.4	60.6
99	62.1	51.1	76.7





#51
Ethyl methacrylate
Concen: 20.822 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

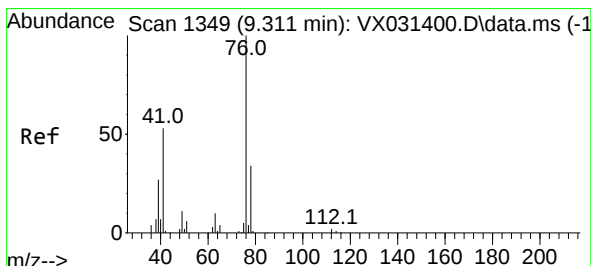
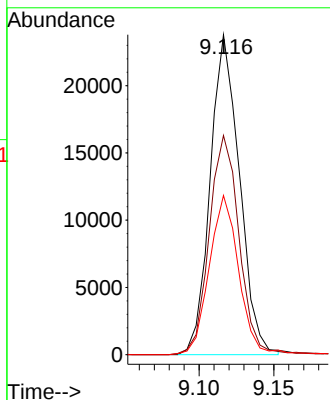
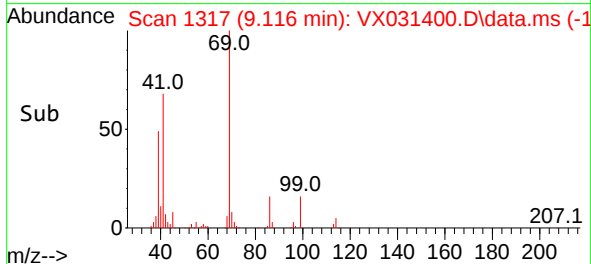
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 3237
Ion Ratio Lower Upper
69 100
41 68.1 32.1 96.5
39 49.4 18.3 54.9

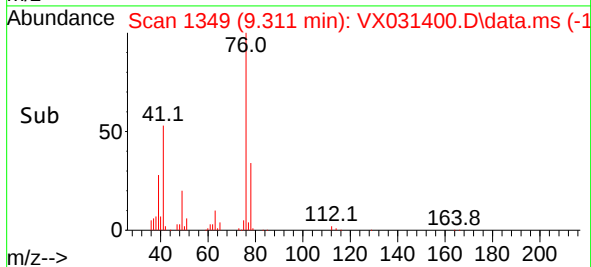
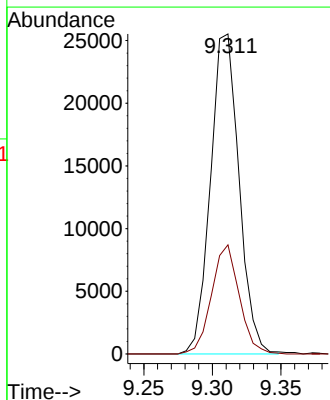
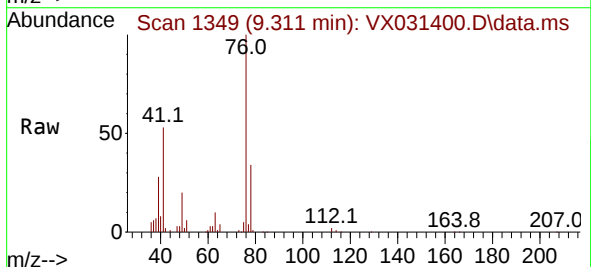
Manual Integrations
APPROVED

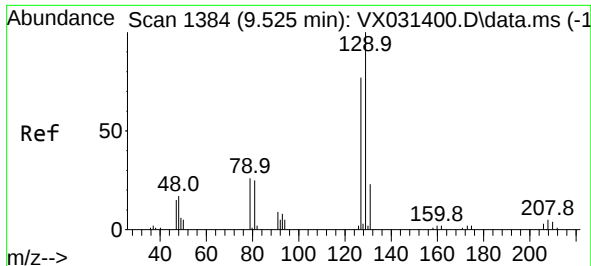
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
1,3-Dichloropropane
Concen: 23.056 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

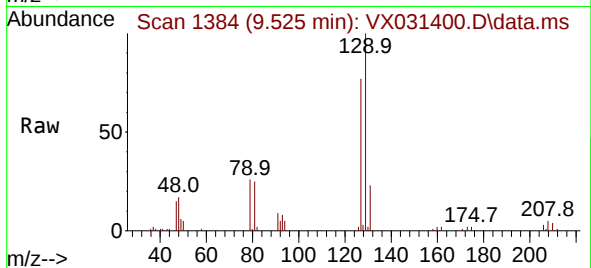
Tgt Ion: 76 Resp: 37059
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.4





#53
 Dibromochloromethane
 Concen: 24.799 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40

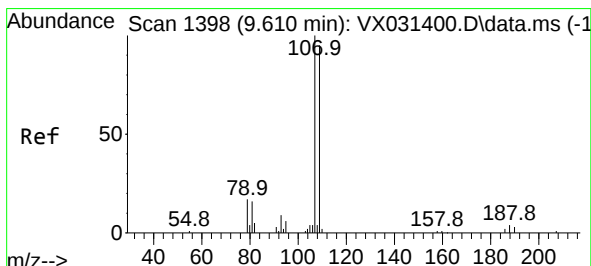
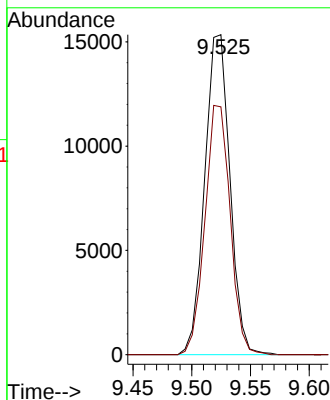
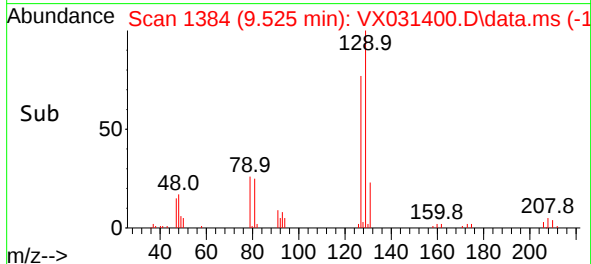
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion:129 Resp: 22936
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.4 115.1

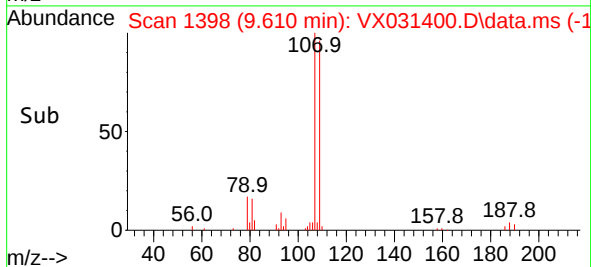
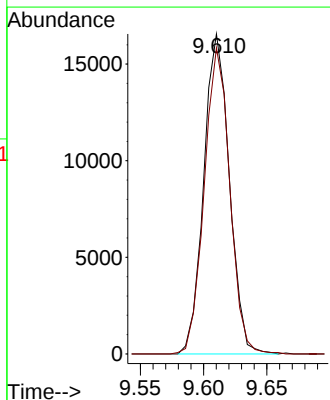
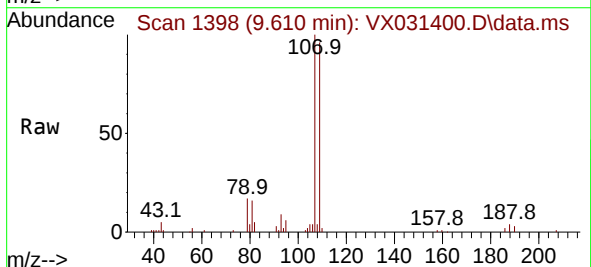
Manual Integrations
 APPROVED

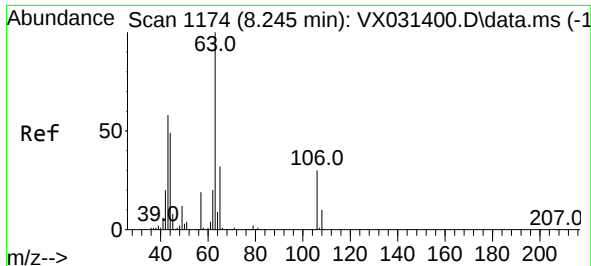
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#54
 1,2-Dibromoethane
 Concen: 22.440 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40

Tgt Ion:107 Resp: 23285
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.2 114.4





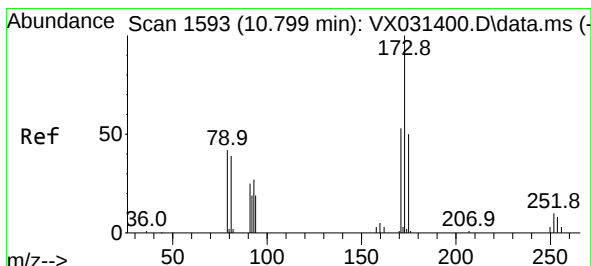
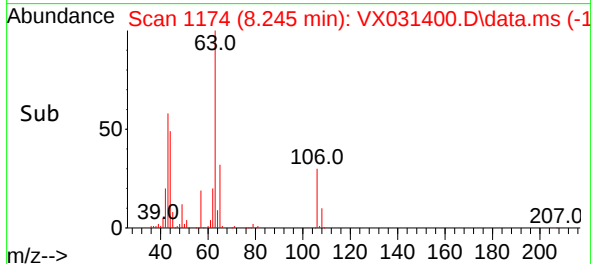
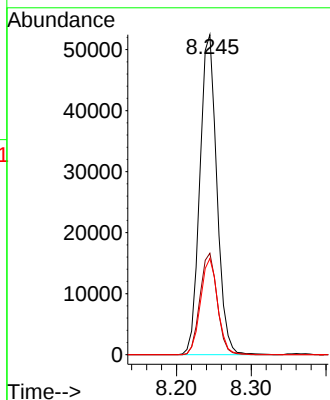
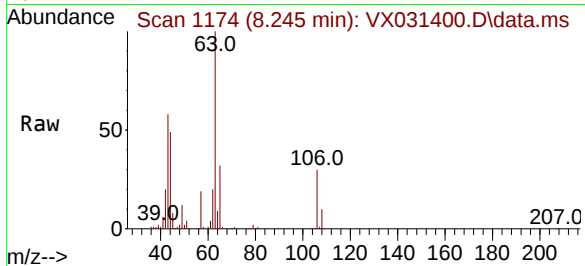
#55
2-Chloroethyl vinyl ether
Concen: 103.134 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 8266
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 30.3 25.8 38.6

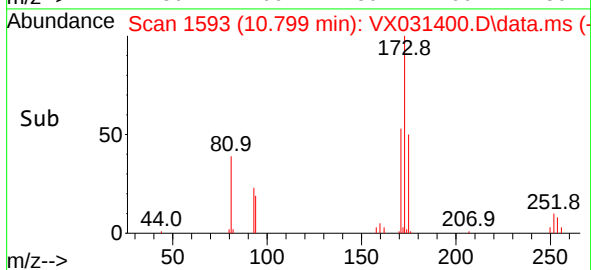
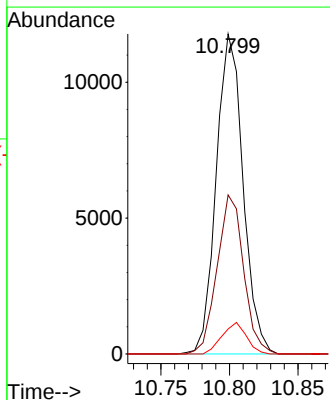
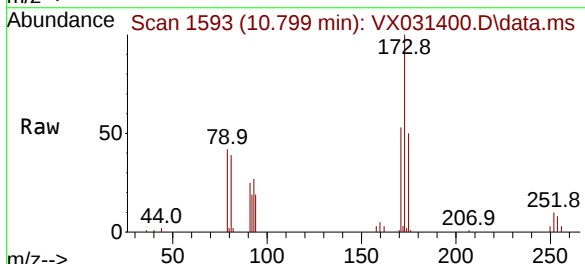
Manual Integrations
APPROVED

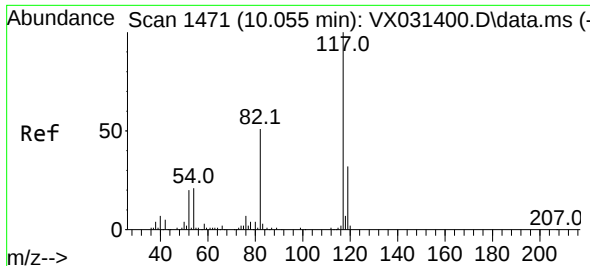
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#56
Bromoform
Concen: 24.730 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion:173 Resp: 16011
Ion Ratio Lower Upper
173 100
175 49.2 40.3 60.5
254 9.0 7.4 11.2





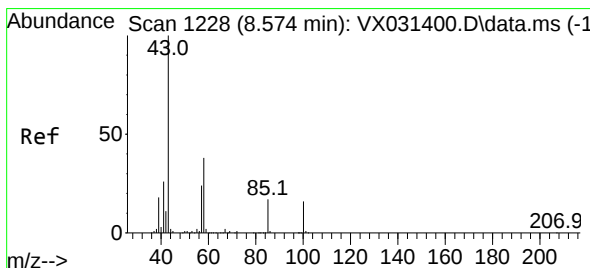
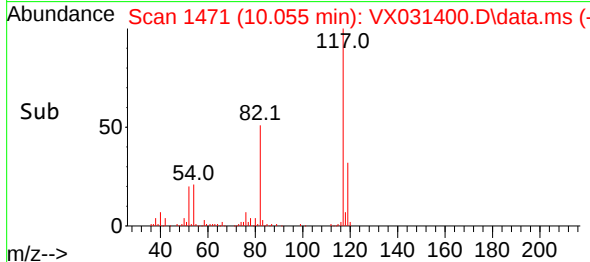
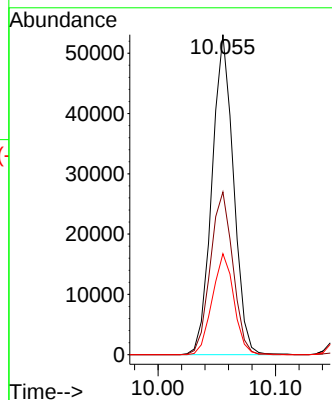
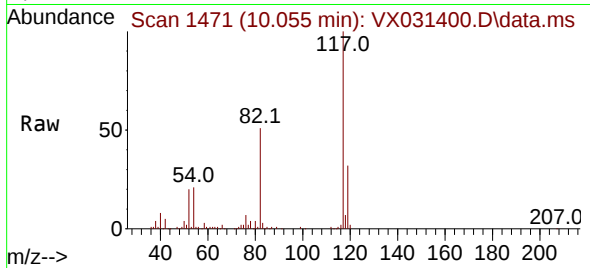
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 6764
Ion Ratio Lower Upper
117 100
82 53.1 42.3 63.5
119 31.7 26.2 39.2

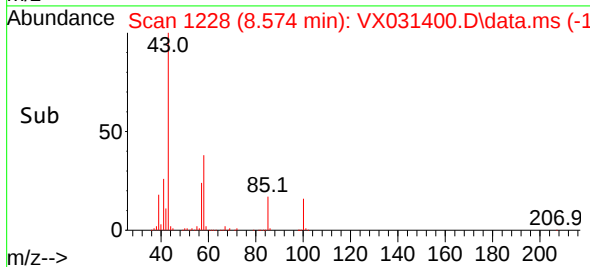
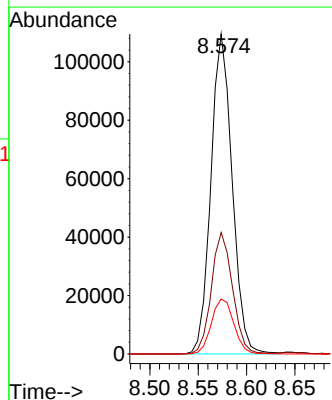
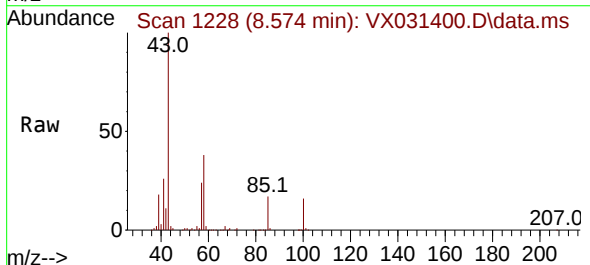
Manual Integrations
APPROVED

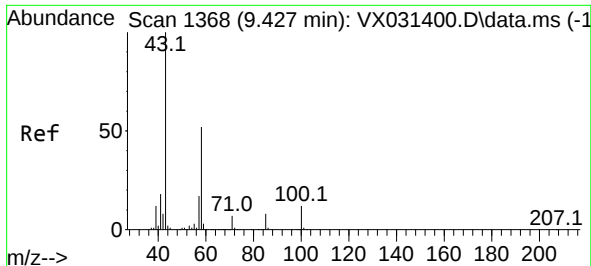
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#58
4-Methyl-2-Pentanone
Concen: 100.251 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

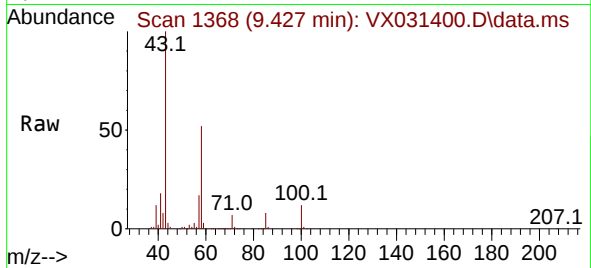
Tgt Ion: 43 Resp: 167504
Ion Ratio Lower Upper
43 100
58 37.7 31.8 47.6
85 18.2 15.8 23.6





#59
2-Hexanone
Concen: 100.276 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

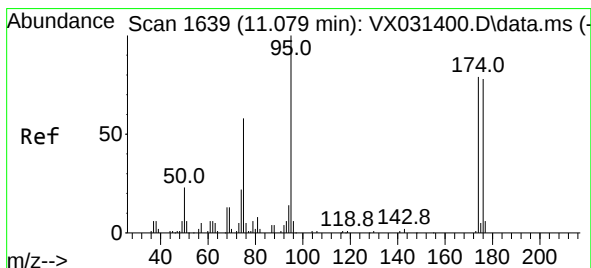
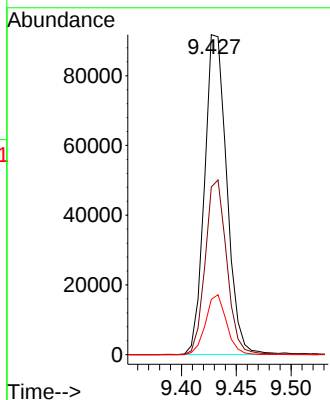
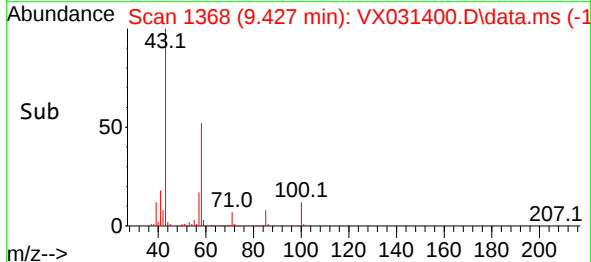
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 12958
Ion Ratio Lower Upper
43 100
58 53.0 44.1 66.1
57 17.7 16.2 24.2

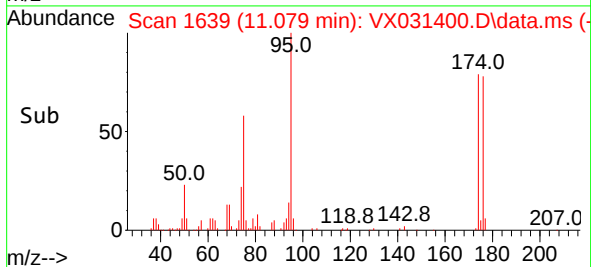
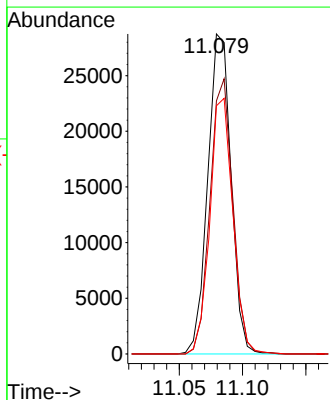
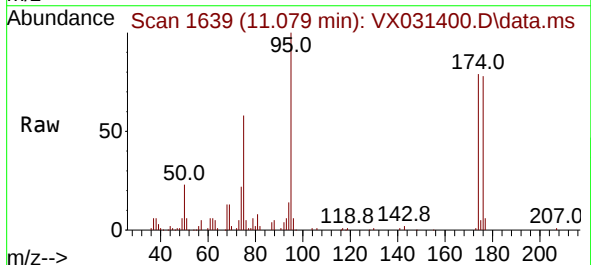
Manual Integrations
APPROVED

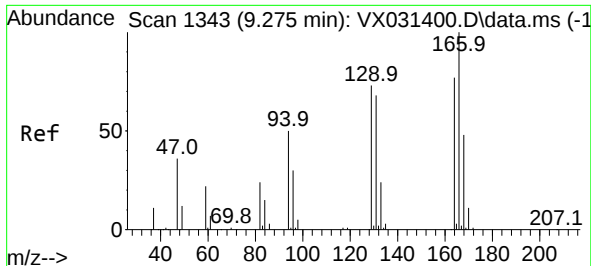
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
4-Bromofluorobenzene
Concen: 28.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

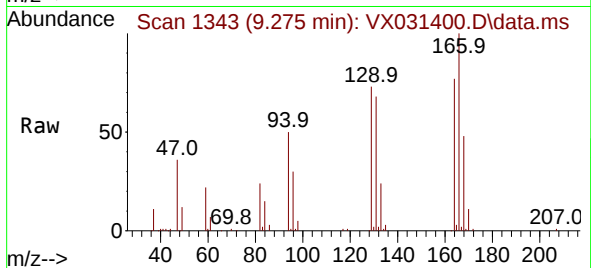
Tgt Ion: 95 Resp: 36824
Ion Ratio Lower Upper
95 100
174 84.3 65.4 98.2
176 79.2 63.4 95.0





#61
Tetrachloroethene
Concen: 21.729 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

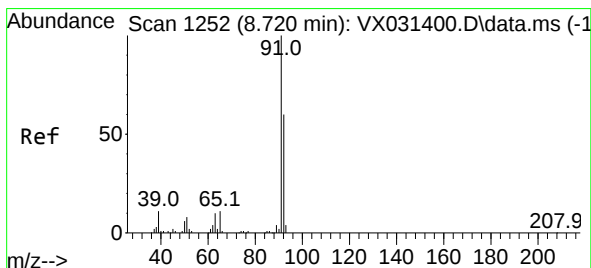
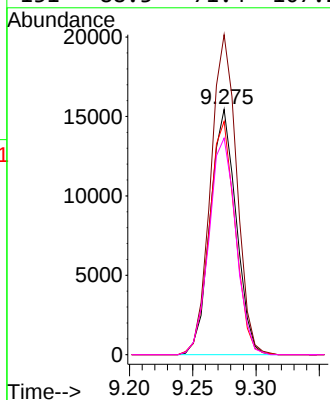
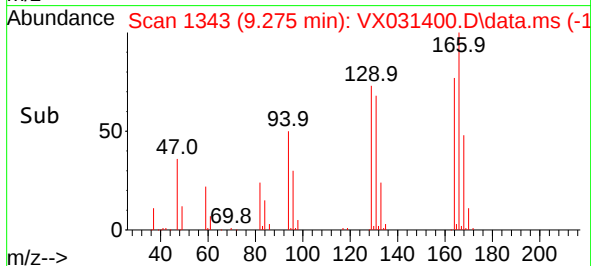
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



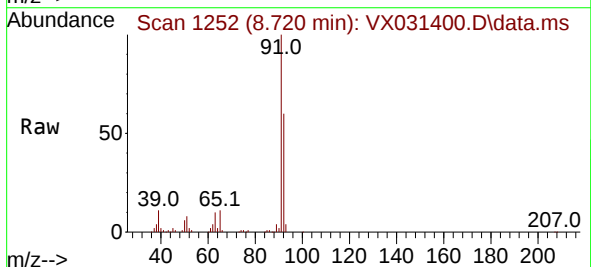
Tgt Ion:164 Resp: 22069
Ion Ratio Lower Upper
164 100
166 130.4 105.0 157.6
129 95.1 78.5 117.7
131 88.3 71.4 107.2

Manual Integrations
APPROVED

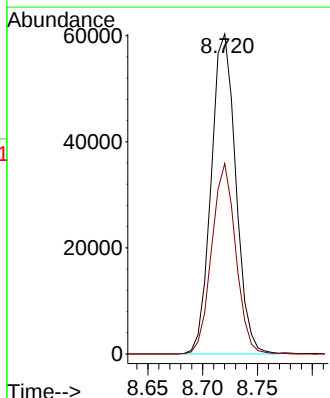
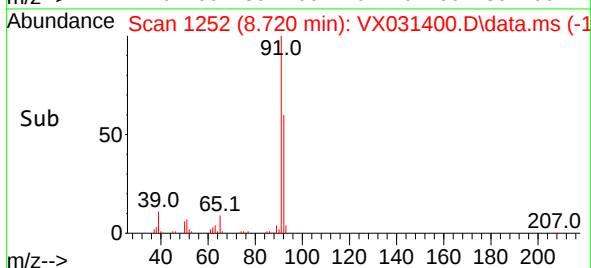
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

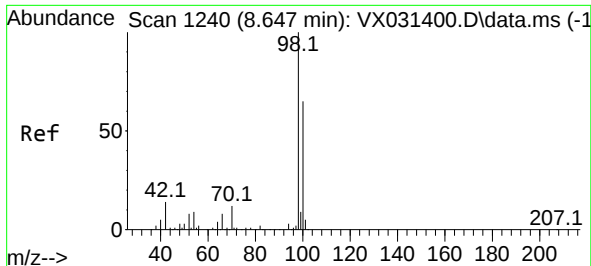


#62
Toluene
Concen: 20.962 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40



Tgt Ion: 91 Resp: 94321
Ion Ratio Lower Upper
91 100
92 58.1 48.1 72.1





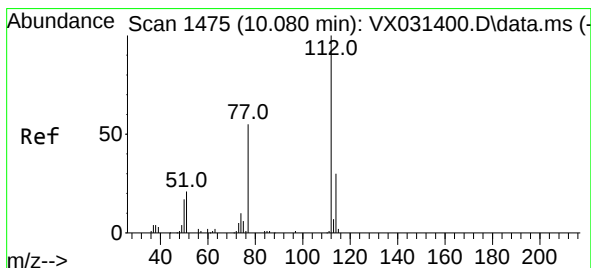
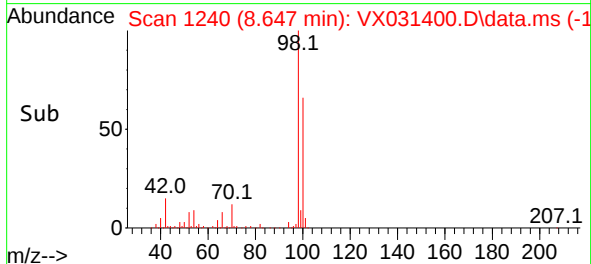
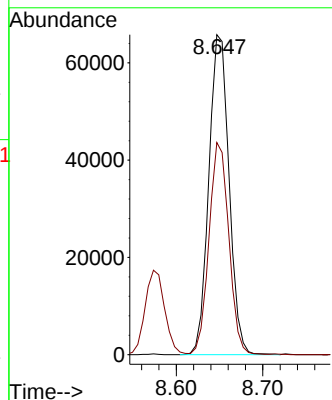
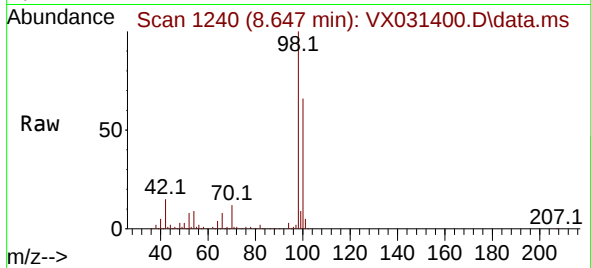
#63
Toluene-d8
Concen: 29.041 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 106519
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

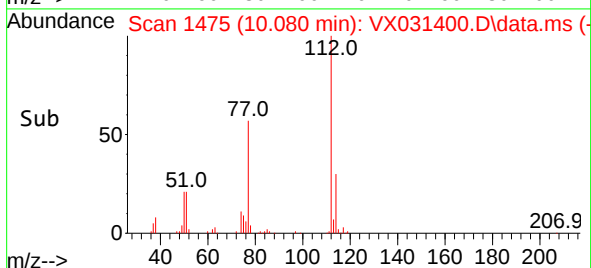
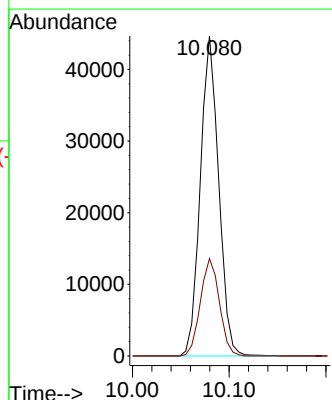
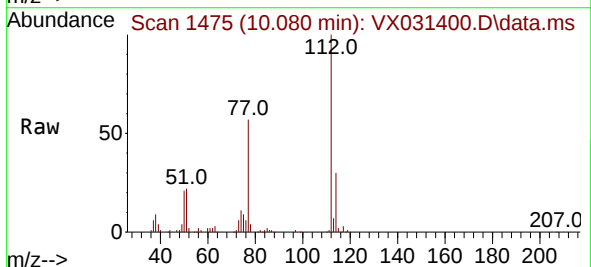
Manual Integrations
APPROVED

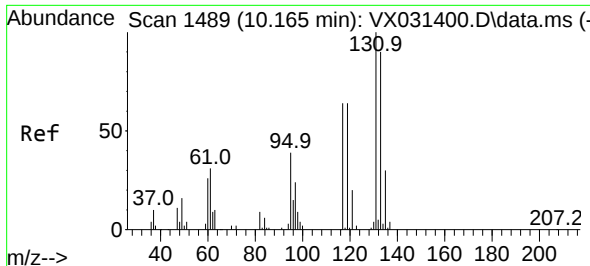
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Chlorobenzene
Concen: 21.956 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

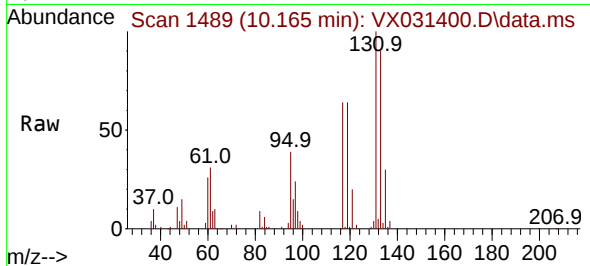
Tgt Ion:112 Resp: 59001
Ion Ratio Lower Upper
112 100
114 30.4 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 23.330 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

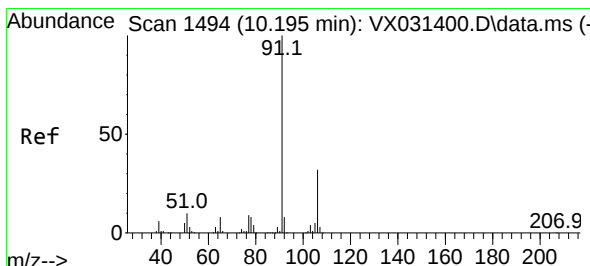
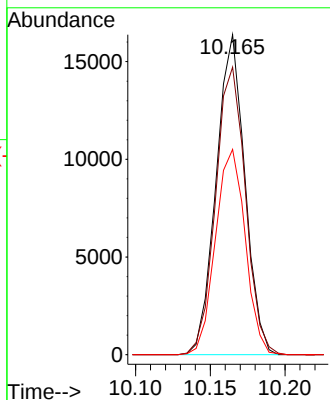
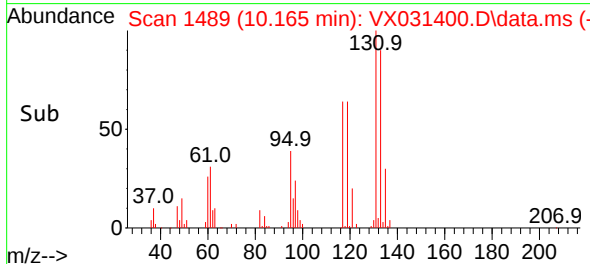
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 21862
Ion Ratio Lower Upper
131 100
133 93.5 0.0 197.2
119 66.6 0.0 127.4

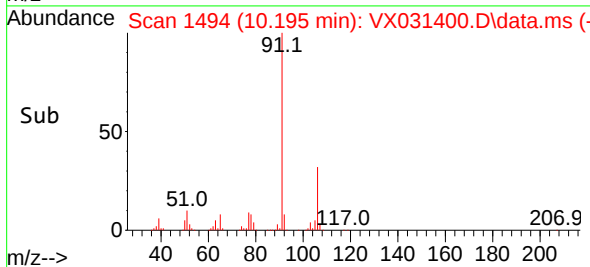
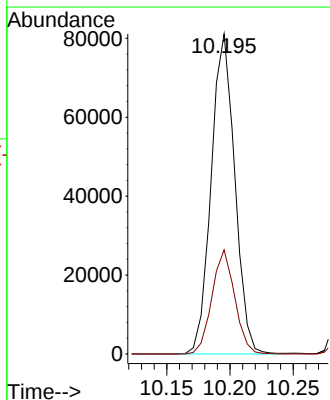
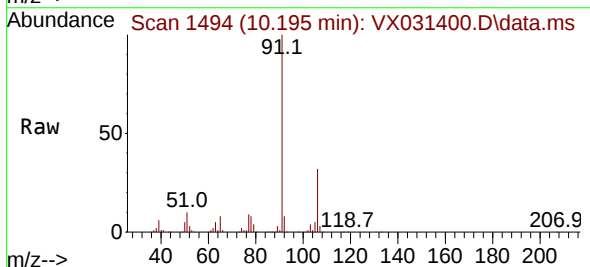
Manual Integrations
APPROVED

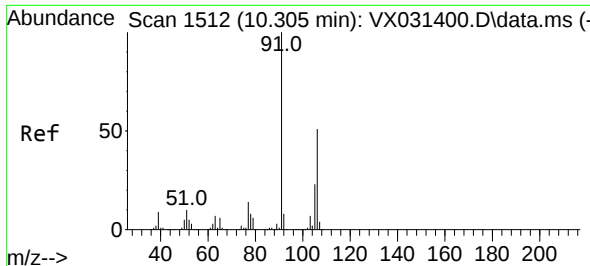
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
Ethyl Benzene
Concen: 21.988 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 91 Resp: 105141
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.8





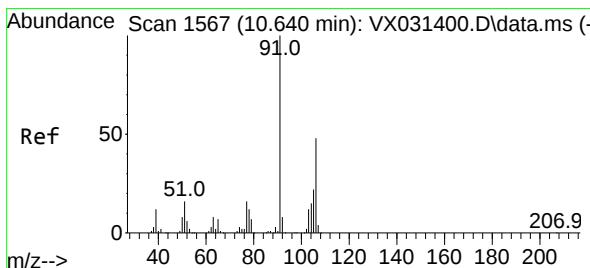
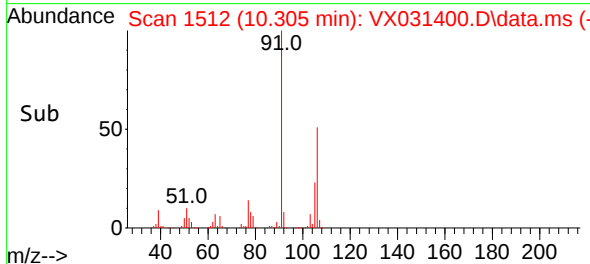
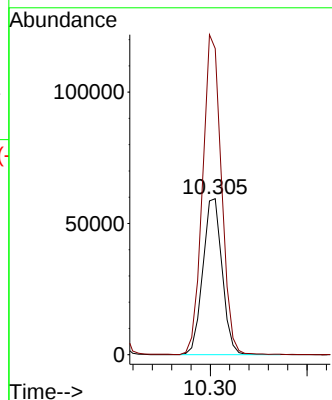
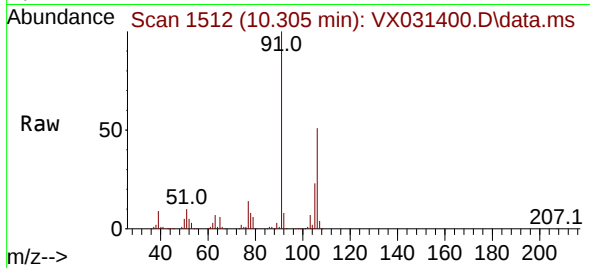
#67
m/p-Xylenes
Concen: 44.443 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 8246
Ion Ratio Lower Upper
106 100
91 200.8 159.5 239.3

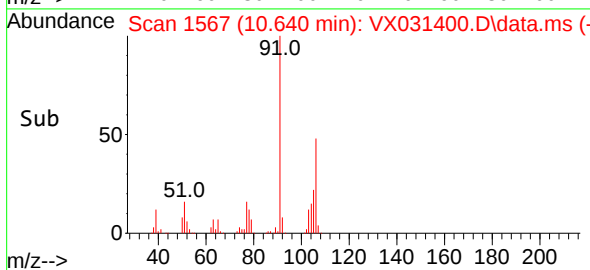
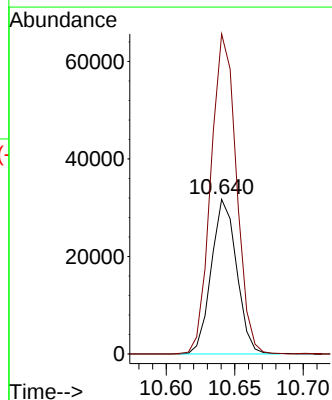
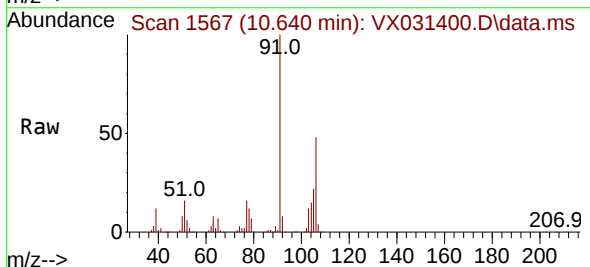
Manual Integrations
APPROVED

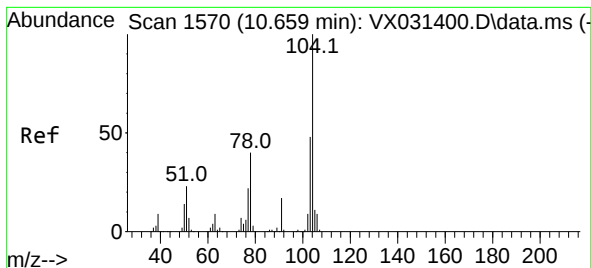
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
o-Xylene
Concen: 22.049 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion:106 Resp: 40742
Ion Ratio Lower Upper
106 100
91 208.4 105.4 316.2





#69

Styrene

Concen: 21.561 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

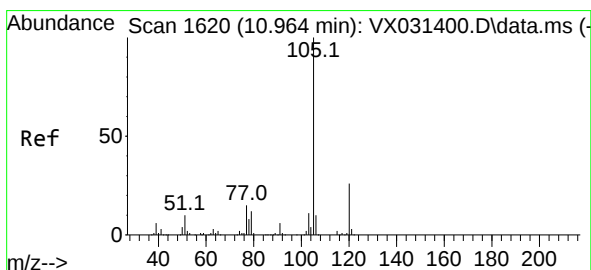
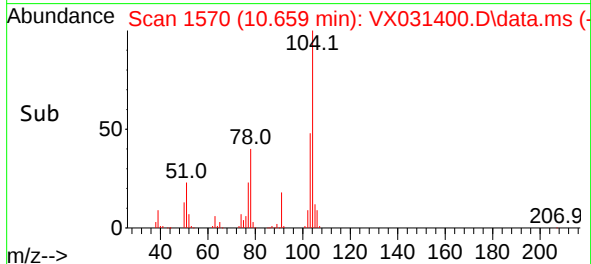
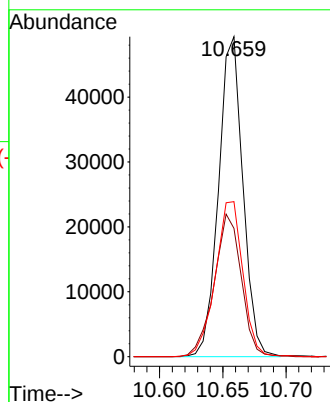
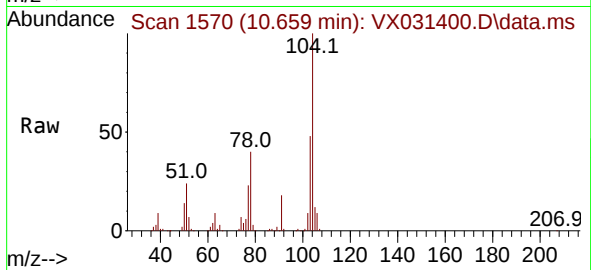
Tgt Ion:104	Resp:	6592
Ion Ratio	Lower	Upper
104	100	
78	49.6	39.7 59.5
103	54.7	42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#70

Isopropylbenzene

Concen: 22.714 ug/l

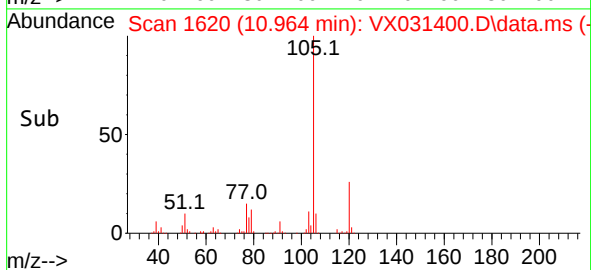
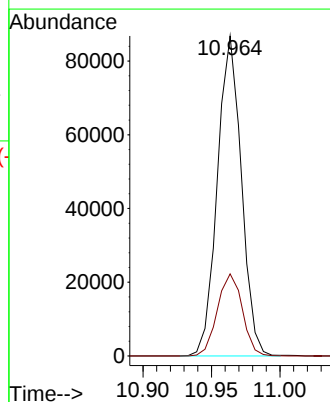
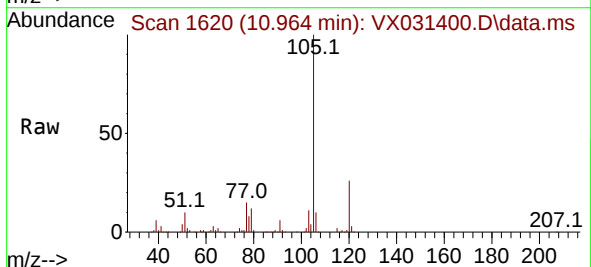
RT: 10.964 min Scan# 1620

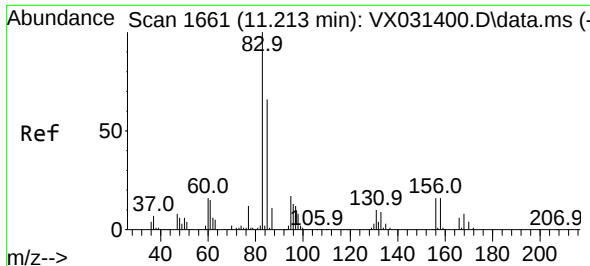
Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Tgt Ion:105	Resp:	105670
Ion Ratio	Lower	Upper
105	100	
120	26.6	18.8 34.8





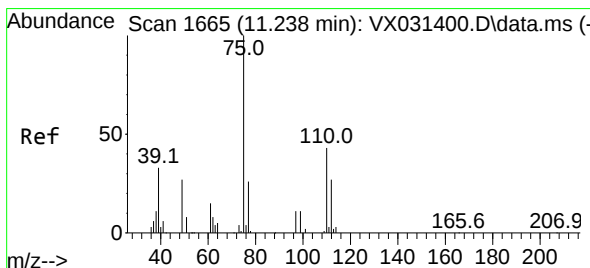
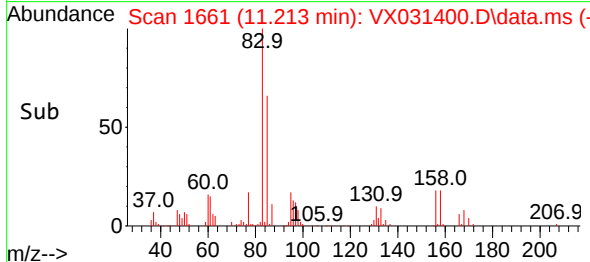
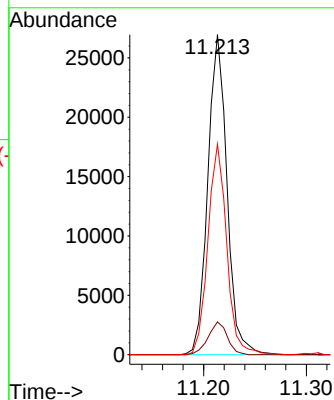
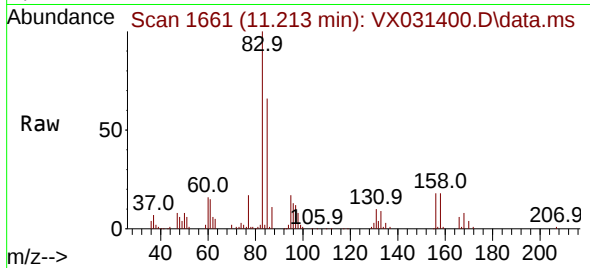
#71
1,1,2,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 34970
Ion Ratio Lower Upper
83 100
131 10.2 5.8 17.3
85 64.3 32.0 96.2

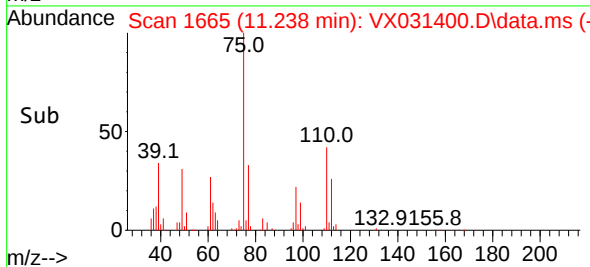
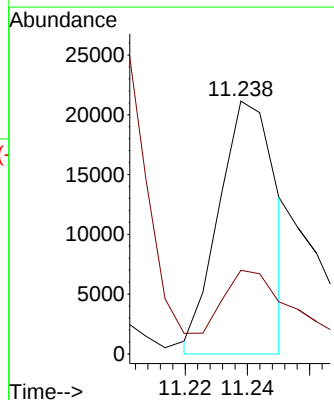
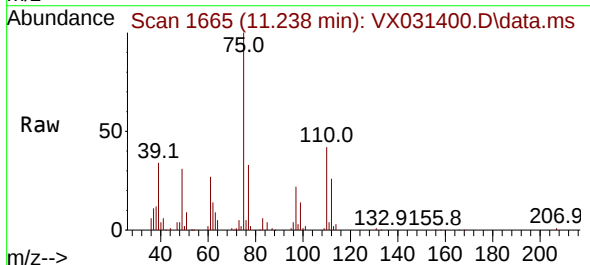
Manual Integrations
APPROVED

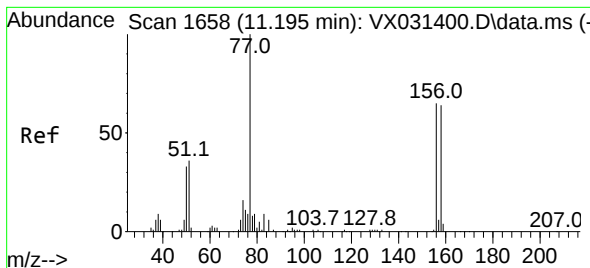
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#72
1,2,3-Trichloropropane
Concen: 17.598 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 75 Resp: 26762
Ion Ratio Lower Upper
75 100
77 45.7 0.0 78.6





#73

Bromobenzene

Concen: 22.866 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

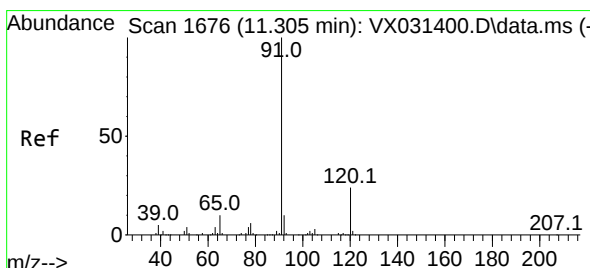
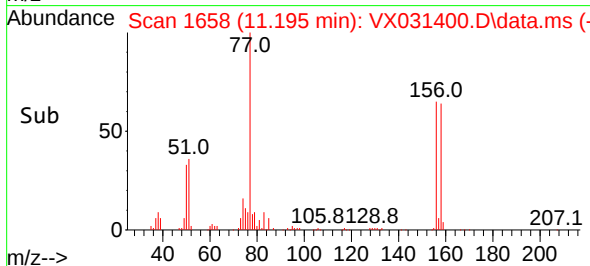
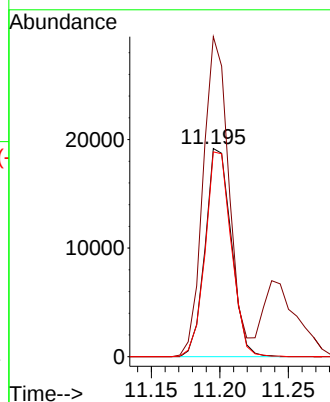
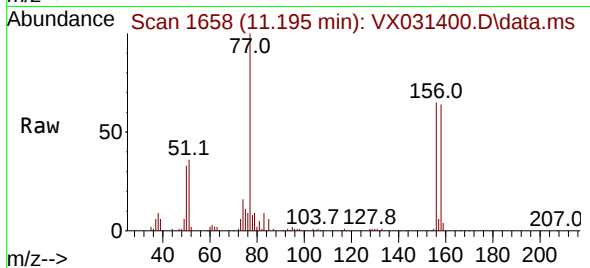
Tgt Ion:	156	Resp:	25509
Ion Ratio	Lower	Upper	
156	100		
77	150.5	0.0	297.6
158	97.9	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#74

n-propylbenzene

Concen: 22.535 ug/l

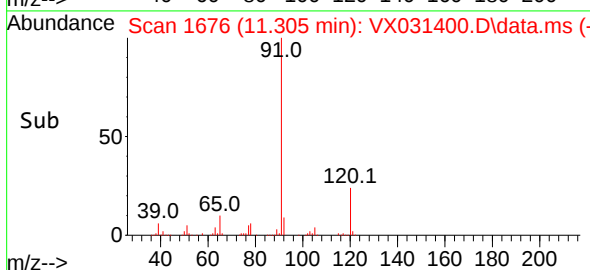
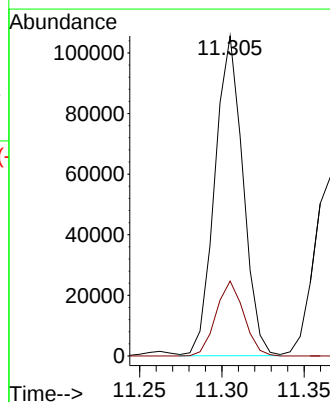
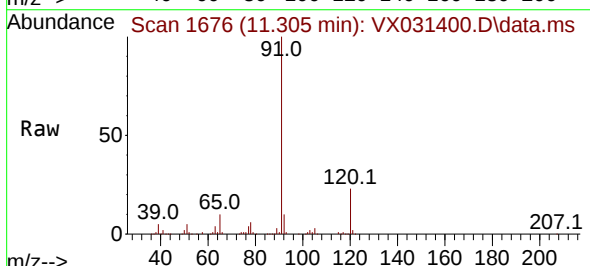
RT: 11.305 min Scan# 1676

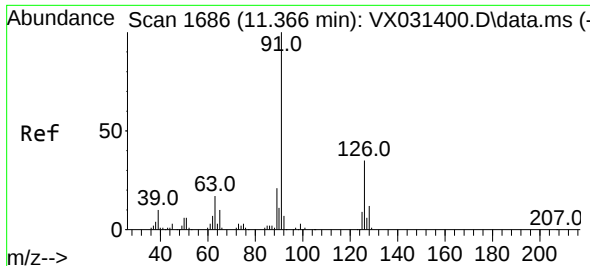
Delta R.T. 0.000 min

Lab File: VX031400.D

Acq: 16 Sep 2022 10:40

Tgt Ion:	91	Resp:	125765
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	48.0





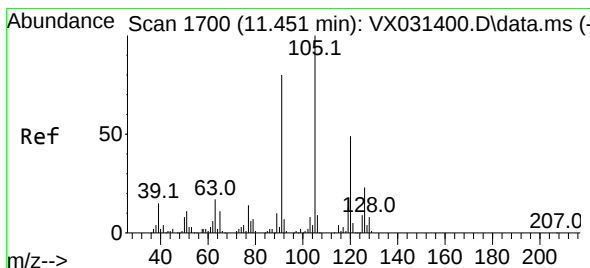
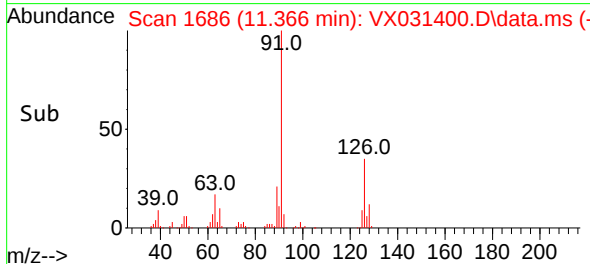
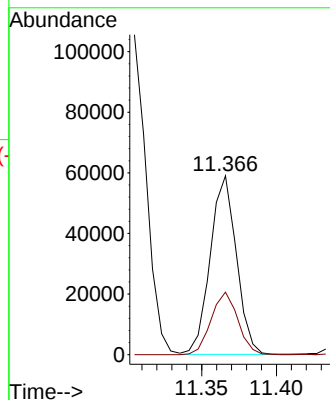
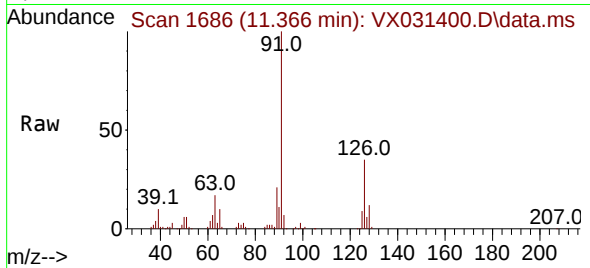
#75
2-Chlorotoluene
Concen: 21.849 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 71800
Ion Ratio Lower Upper
91 100
126 35.7 0.0 68.6

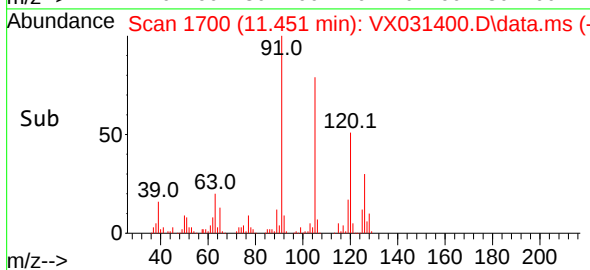
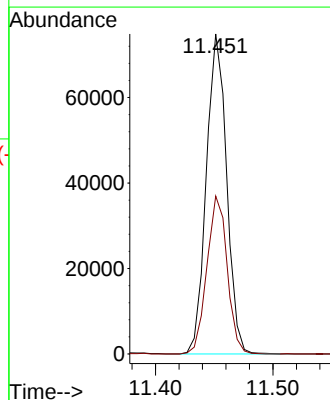
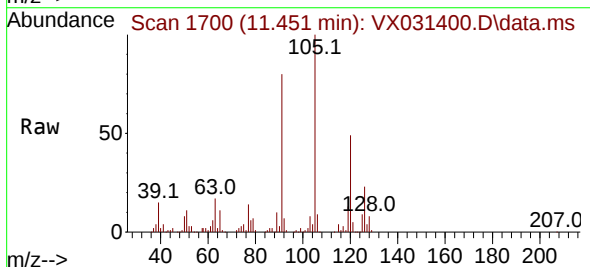
Manual Integrations
APPROVED

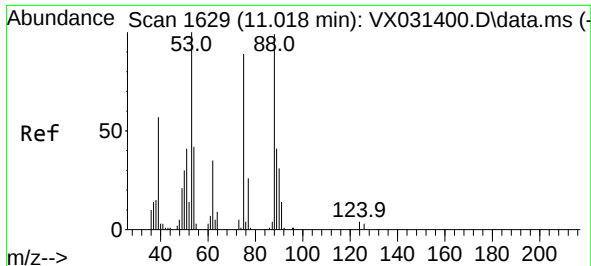
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 22.999 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

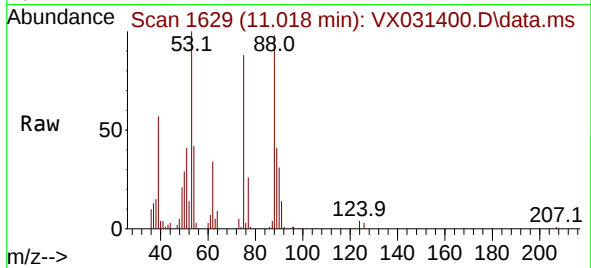
Tgt Ion:105 Resp: 89835
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.499 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

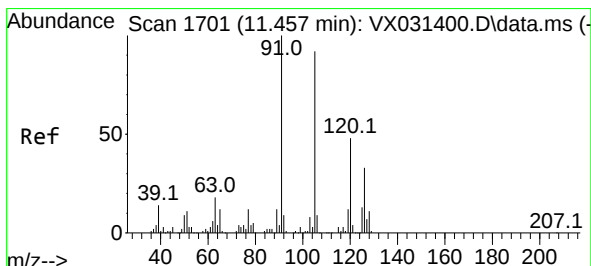
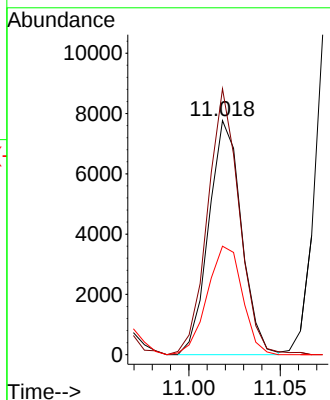
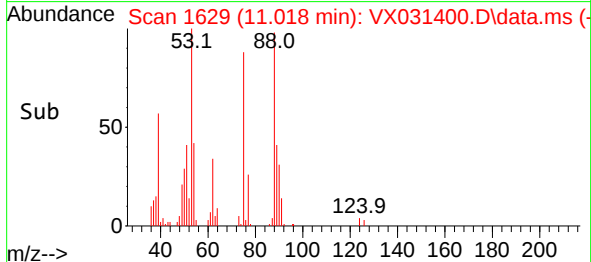
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 9670
Ion Ratio Lower Upper
75 100
53 112.4 59.7 179.1
89 46.4 23.1 69.2

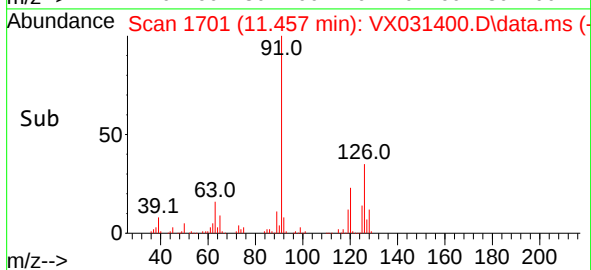
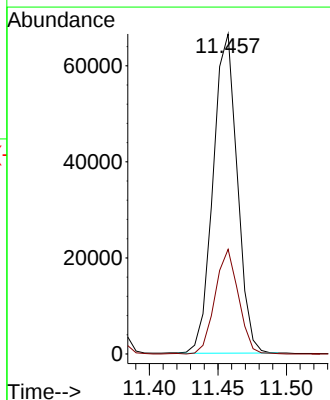
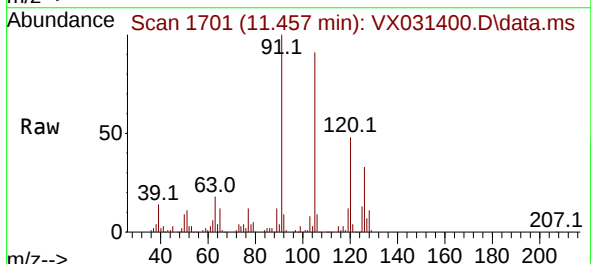
Manual Integrations
APPROVED

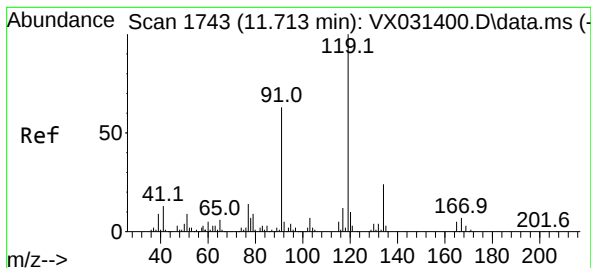
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
4-Chlorotoluene
Concen: 22.105 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion: 91 Resp: 81532
Ion Ratio Lower Upper
91 100
126 31.7 0.0 59.8





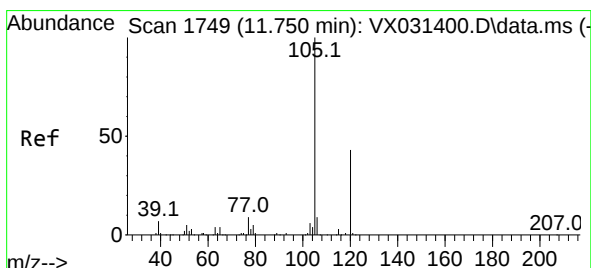
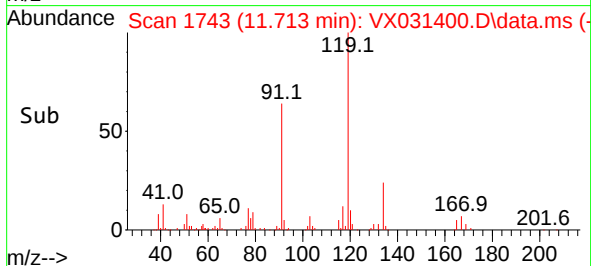
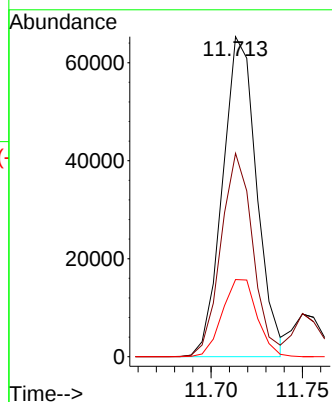
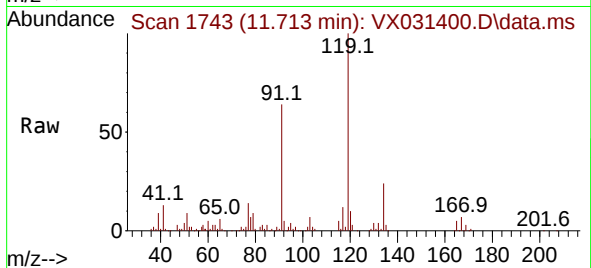
#79
tert-butylbenzene
Concen: 22.327 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 84840
Ion Ratio Lower Upper
119 100
91 59.6 0.0 119.4
134 24.6 0.0 48.4

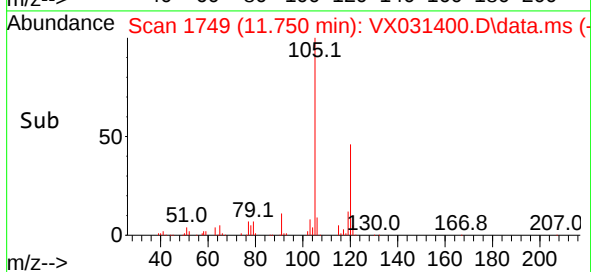
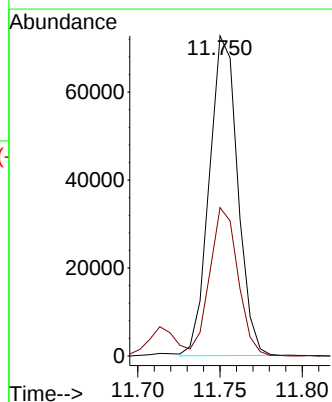
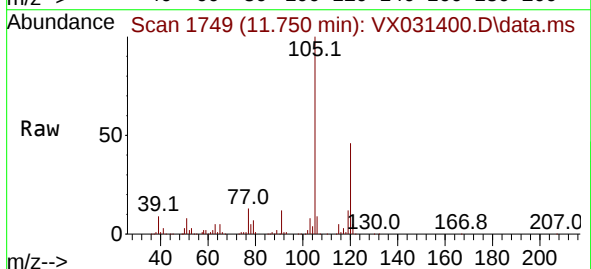
Manual Integrations
APPROVED

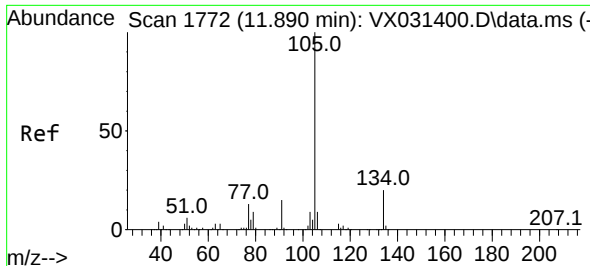
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,2,4-Trimethylbenzene
Concen: 21.778 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

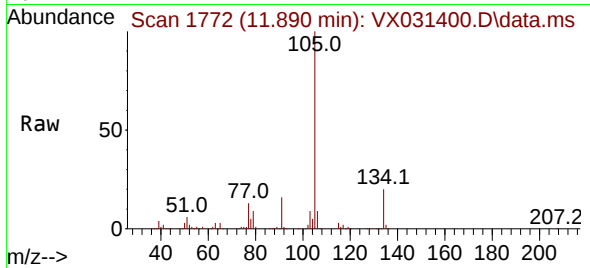
Tgt Ion:105 Resp: 87451
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 21.339 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40

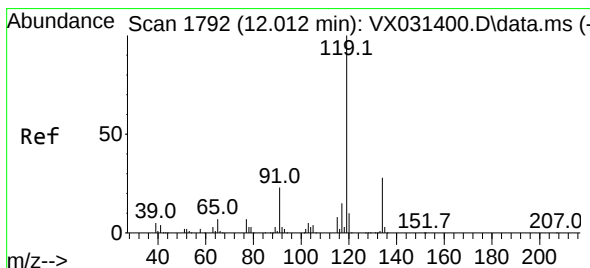
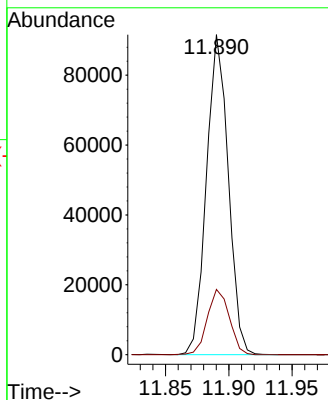
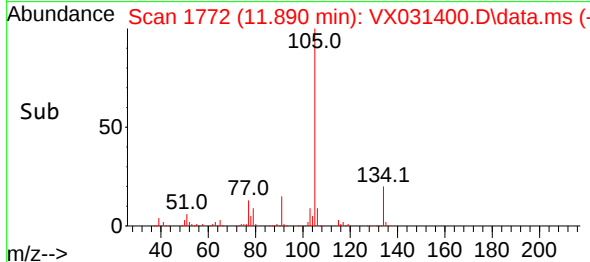
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



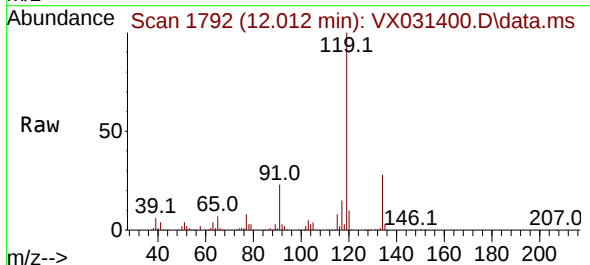
Tgt Ion:105 Resp: 109750
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.2

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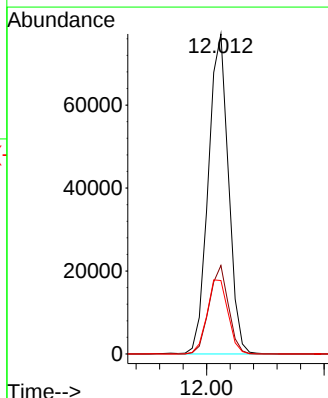
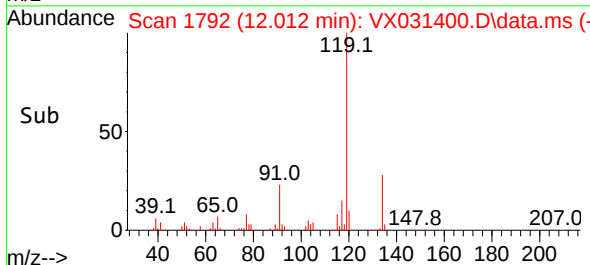
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

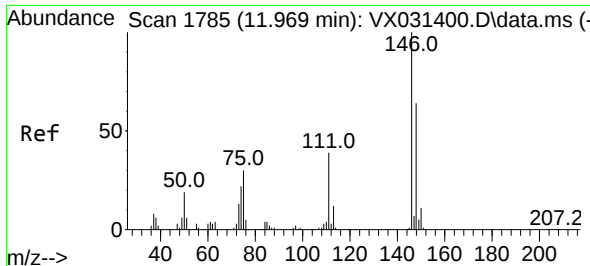


#82
 p-Isopropyltoluene
 Concen: 22.215 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031400.D
 Acq: 16 Sep 2022 10:40



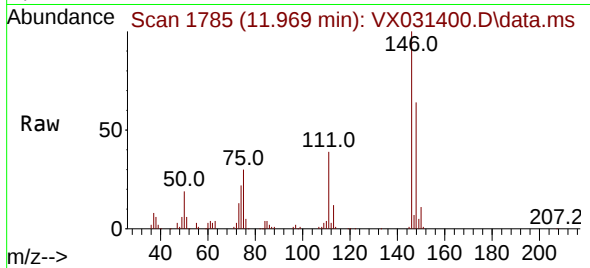
Tgt Ion:119 Resp: 91986
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.4
 91 24.2 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 22.514 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

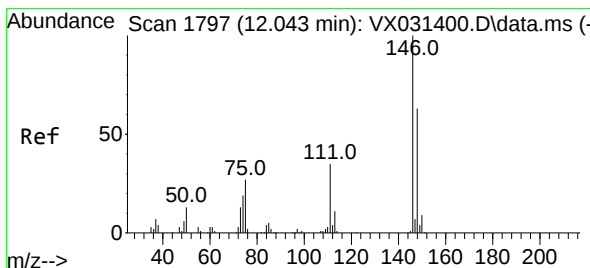
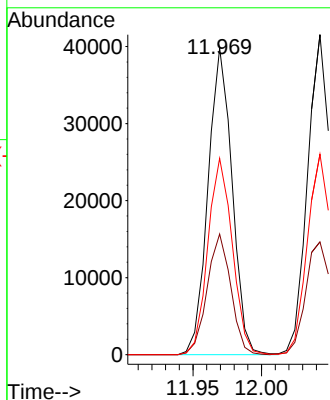
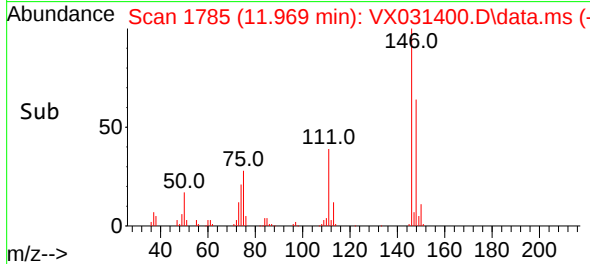
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



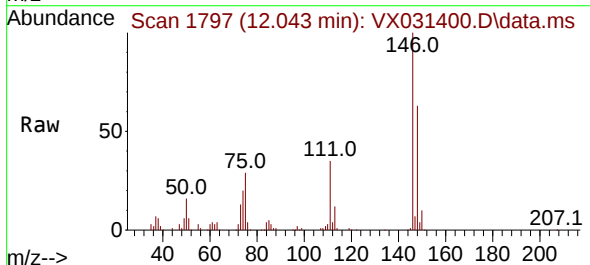
Tgt Ion:146 Resp: 48594
Ion Ratio Lower Upper
146 100
111 38.7 19.8 59.4
148 65.2 31.6 94.8

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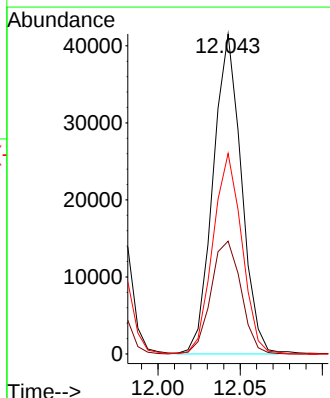
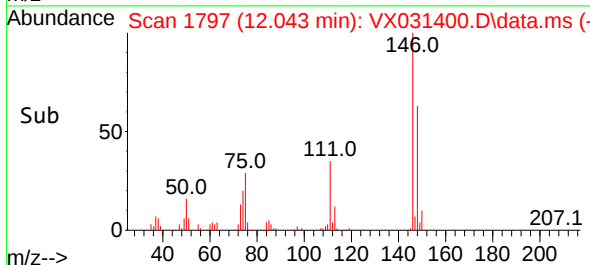
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

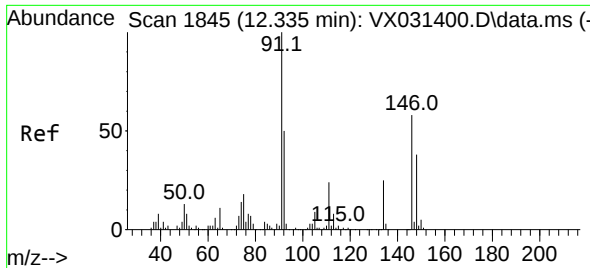


#84
1,4-Dichlorobenzene
Concen: 22.739 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40



Tgt Ion:146 Resp: 49776
Ion Ratio Lower Upper
146 100
111 37.6 19.2 57.6
148 63.9 32.3 96.8





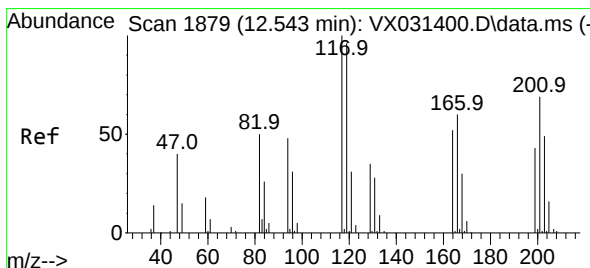
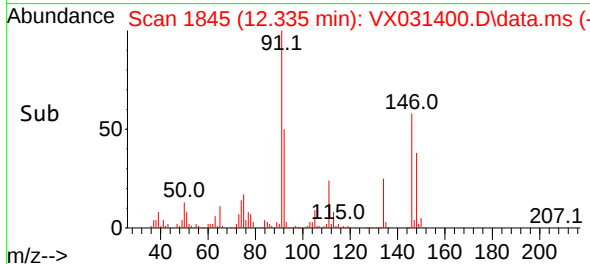
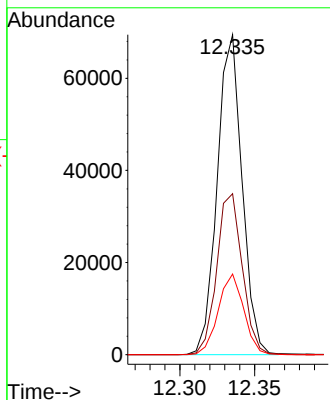
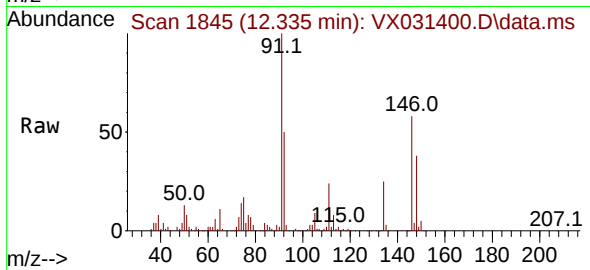
#85
n-Butylbenzene
Concen: 20.699 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 8043
Ion Ratio Lower Upper
91 100
92 51.7 0.0 109.4
134 25.8 0.0 56.4

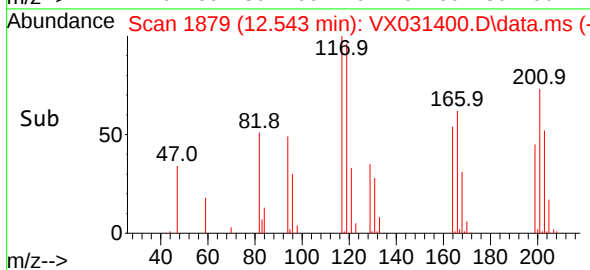
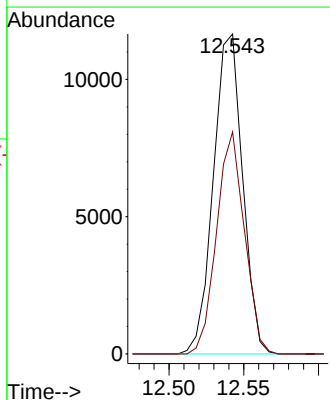
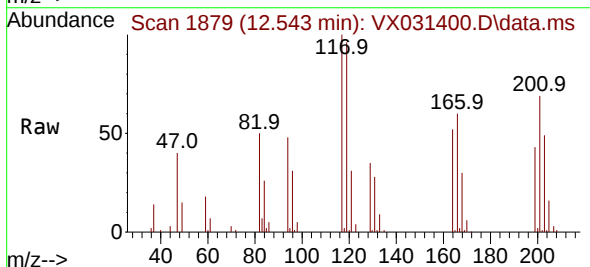
Manual Integrations
APPROVED

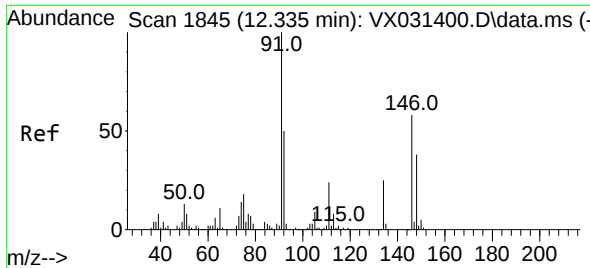
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#86
Hexachloroethane
Concen: 23.013 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion:117 Resp: 15832
Ion Ratio Lower Upper
117 100
201 66.2 39.5 118.5





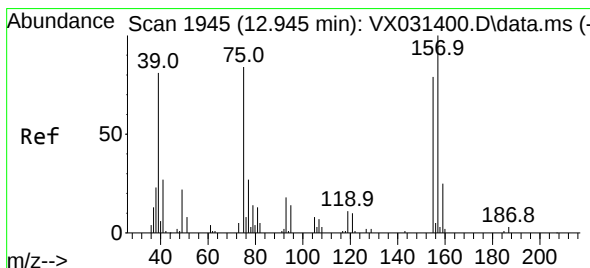
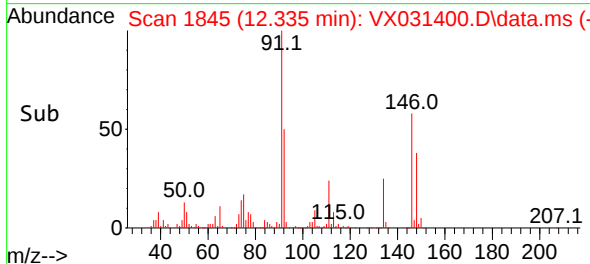
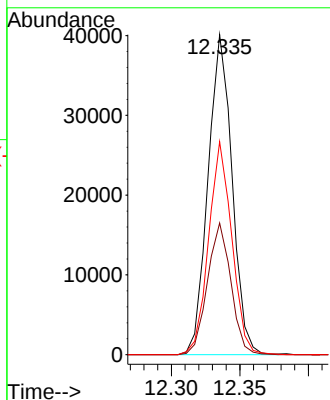
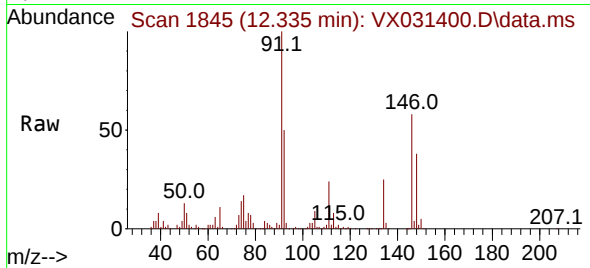
#87
1,2-Dichlorobenzene
Concen: 22.932 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 48874
Ion Ratio Lower Upper
146 100
111 40.1 21.1 63.3
148 64.4 31.4 94.2

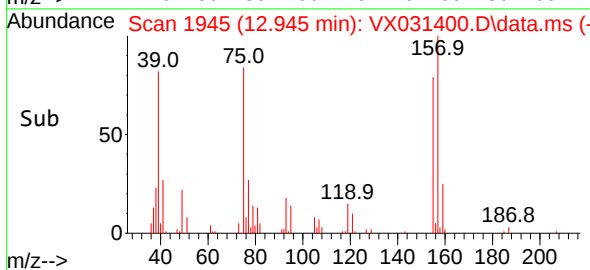
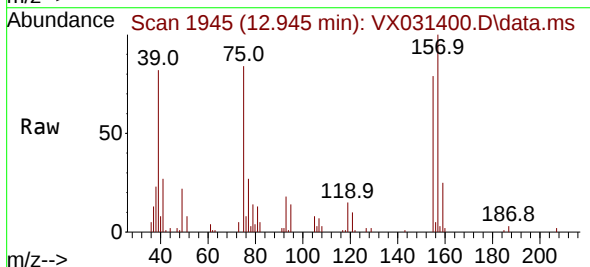
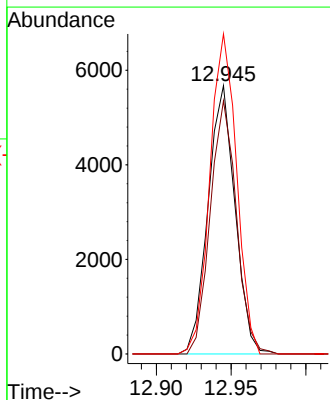
Manual Integrations
APPROVED

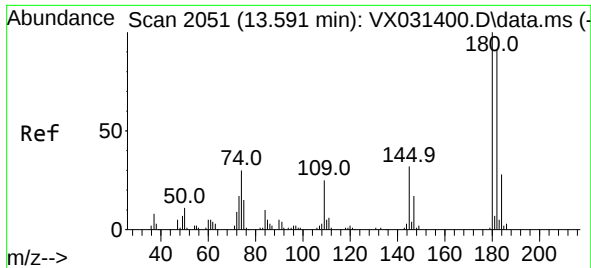
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.465 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

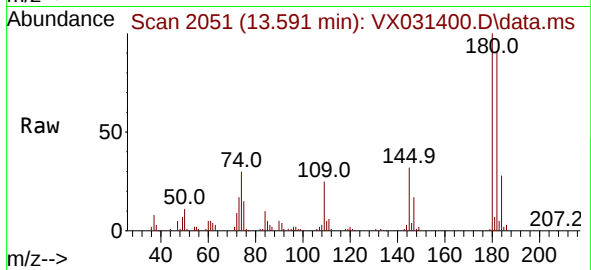
Tgt Ion: 75 Resp: 7124
Ion Ratio Lower Upper
75 100
155 91.1 74.3 111.5
157 118.1 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 22.106 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

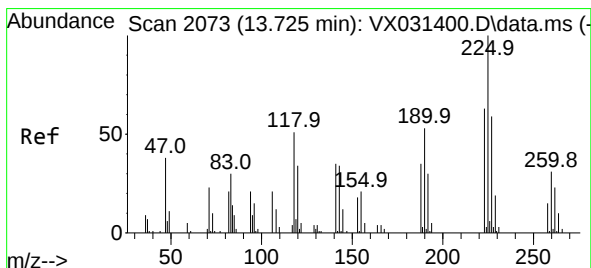
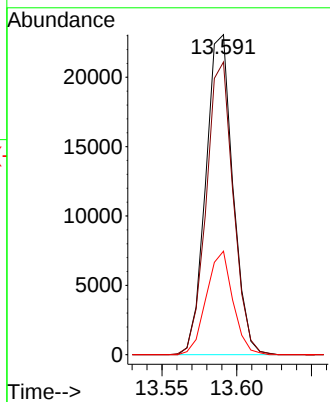
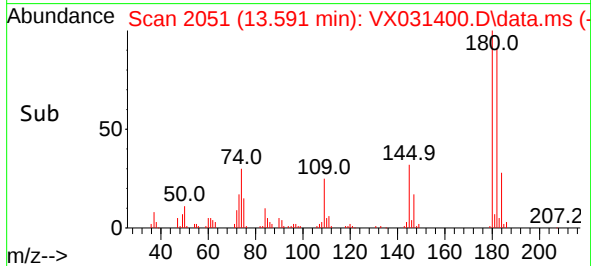
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 2917
Ion Ratio Lower Upper
180 100
182 91.0 77.4 116.2
145 31.6 24.2 36.4

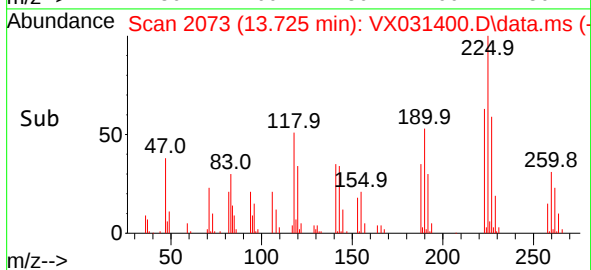
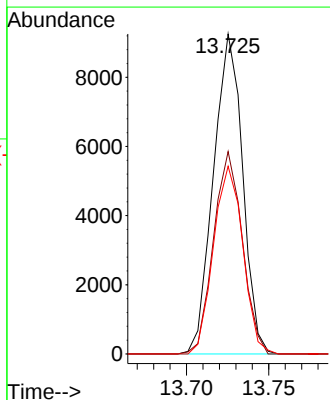
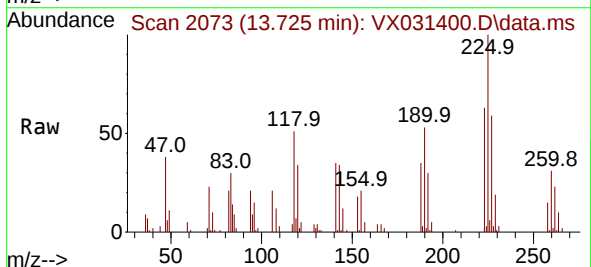
Manual Integrations
APPROVED

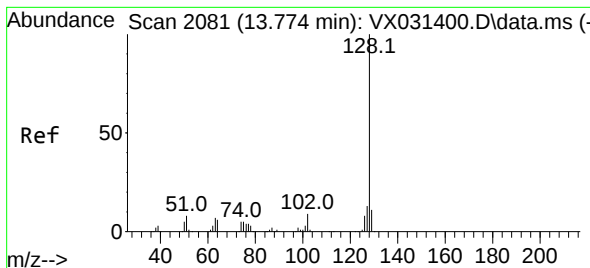
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachlorobutadiene
Concen: 22.813 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

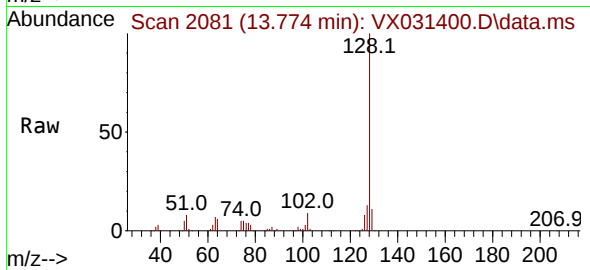
Tgt Ion:225 Resp: 11417
Ion Ratio Lower Upper
225 100
223 62.4 0.0 126.0
227 59.0 0.0 125.0





#91
Naphthalene
Concen: 19.589 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

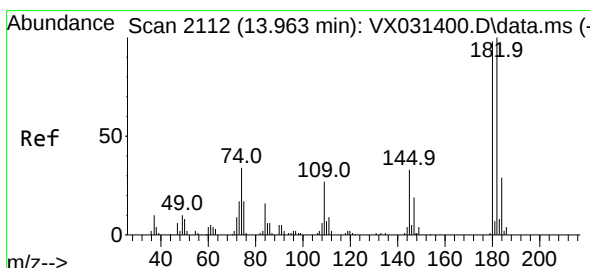
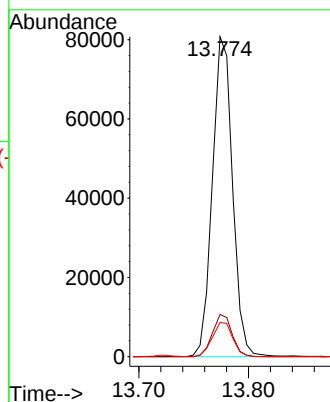
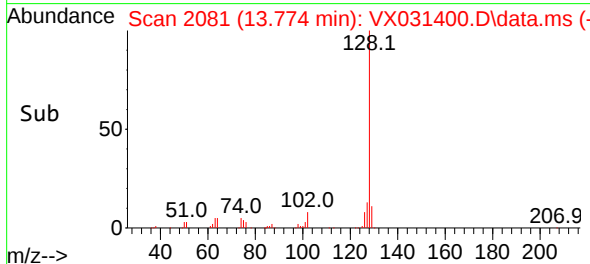
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 10303
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 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: 21.142 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031400.D
Acq: 16 Sep 2022 10:40

Tgt Ion:180 Resp: 28417
Ion Ratio Lower Upper
180 100
182 95.5 0.0 189.4
145 32.9 0.0 67.2

