

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025057.D
 Acq On : 03 Nov 2021 18:37
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 23:34:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:32:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	19259m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103267	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93807	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	54562	34.956	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 116.533%#			
60) 4-Bromofluorobenzene	11.085	95	52130	32.906	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.700%			
63) Toluene-d8	8.653	98	131906	31.105	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31142	25.329	ug/l	99
3) Chloromethane	1.288	50	17346	14.367	ug/l	98
4) Vinyl Chloride	1.374	62	18537	15.106	ug/l	91
5) Bromomethane	1.611	94	16522	21.913	ug/l	93
6) Chloroethane	1.691	64	11437	14.892	ug/l	92
7) Trichlorofluoromethane	1.892	101	45032	21.130	ug/l	92
8) Diethyl Ether	2.136	74	10652	15.056	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	22387	19.266	ug/l	97
10) 1,1-Dichloroethene	2.325	96	19849	17.944	ug/l	94
11) Methyl Iodide	2.453	142	17640	12.031	ug/l	79
12) Methyl Acetate	2.709	43	42015	23.780	ug/l	95
13) Acrolein	2.239	56	8375	49.905	ug/l	99
14) Acrylonitrile	3.068	53	60354	84.336	ug/l	96
15) Acetone	2.386	58	18894	89.246	ug/l	81
16) Carbon Disulfide	2.514	76	49249	17.910	ug/l	97
17) Allyl chloride	2.666	41	31039	15.596	ug/l	94
18) Methylene Chloride	2.794	84	24042	18.404	ug/l	91
19) trans-1,2-Dichloroethene	3.099	96	21719	18.246	ug/l	97
20) Diisopropyl ether	3.763	45	70197	17.374	ug/l	93
21) 1,1-Dichloroethane	3.611	63	46336	20.258	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	25855	18.633	ug/l	91
23) tert-Butyl Alcohol	2.989	59	37559m	109.032	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	85550	21.206	ug/l	93
25) Chloroform	5.105	83	54111	22.429	ug/l	96
26) Cyclohexane	5.477	56	36568	18.118	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	36106	21.632	ug/l	84
30) 2-Butanone	4.562	43	92108	88.521	ug/l	98
31) 2,2-Dichloropropane	4.477	77	45834	23.796	ug/l #	68
32) 1,1,1-Trichloroethane	5.385	97	49584	23.972	ug/l #	80
33) Carbon Tetrachloride	5.684	117	43338	24.016	ug/l	95
34) Benzene	6.044	78	89534	18.658	ug/l	97
35) Methacrylonitrile	4.928	41	17557m	13.285	ug/l	
36) 1,2-Dichloroethane	6.092	62	43542	22.558	ug/l #	94
37) Trichloroethene	7.135	130	23770	18.209	ug/l	88
38) Methylcyclohexane	7.385	83	37397	18.371	ug/l	96
39) 1,2-Dichloropropane	7.434	63	23199	18.474	ug/l	93
40) Dibromomethane	7.586	93	18561	20.359	ug/l	90
41) Bromodichloromethane	7.824	83	39306	22.809	ug/l	94
42) Vinyl Acetate	3.727	43	269228	79.971	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	34657	17.754	ug/l #	74
44) Isopropyl Acetate	6.348	43	51930	16.763	ug/l	95
45) 1,4-Dioxane	7.696	88	11414	356.669	ug/l	93
46) Methyl methacrylate	7.696	41	26109	17.362	ug/l	95
47) n-amyl Acetate	10.848	43	41728	15.947	ug/l #	90
48) t-1,3-Dichloropropene	8.982	75	42122	21.294	ug/l	97
49) cis-1,3-Dichloropropene	8.372	75	42563	20.583	ug/l #	86
50) 1,1,2-Trichloroethane	9.153	97	25129	19.273	ug/l	97
51) Ethyl methacrylate	9.116	69	40355	19.419	ug/l	87
52) 1,3-Dichloropropane	9.311	76	44179	20.410	ug/l	100
53) Dibromochloromethane	9.525	129	28188	20.842	ug/l	99
54) 1,2-Dibromoethane	9.610	107	28236	20.225	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	87248	86.952	ug/l	98
56) Bromoform	10.805	173	18243	19.195	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	173237	88.391	ug/l	93
59) 2-Hexanone	9.433	43	133099	88.044	ug/l #	93
61) Tetrachloroethene	9.281	164	22757	18.406	ug/l	95
62) Toluene	8.720	91	101517	19.263	ug/l	97
64) Chlorobenzene	10.079	112	61276	18.513	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	27985	21.781	ug/l	94
66) Ethyl Benzene	10.195	91	121453	20.412	ug/l	97
67) m/p-Xylenes	10.305	106	81395	36.420	ug/l	77
68) o-Xylene	10.646	106	40677	18.391	ug/l	81
69) Styrene	10.659	104	66892	18.309	ug/l #	91
70) Isopropylbenzene	10.963	105	117398	19.792	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.213	83	39223	20.659	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	38041m	21.278	ug/l	
73) Bromobenzene	11.201	156	25570	18.117	ug/l	80
74) n-propylbenzene	11.305	91	140805	20.336	ug/l	93
75) 2-Chlorotoluene	11.366	91	86693	20.857	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	102989	20.725	ug/l	90
77) t-1,4-Dichloro-2-butene	11.018	75	11919	18.866	ug/l	97
78) 4-Chlorotoluene	11.457	91	100547	21.254	ug/l	94
79) tert-butylbenzene	11.719	119	97549	20.271	ug/l	94
80) 1,2,4-Trimethylbenzene	11.756	105	102842	20.911	ug/l	92
81) sec-Butylbenzene	11.896	105	121215	19.779	ug/l	97
82) p-Isopropyltoluene	12.012	119	100406	19.902	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	47784	18.533	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	47284	18.520	ug/l	95
85) n-Butylbenzene	12.335	91	89556	19.948	ug/l	96
86) Hexachloroethane	12.542	117	17116	20.446	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	48452	19.351	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10192	23.033	ug/l	86
89) 1,2,4-Trichlorobenzene	13.591	180	29341	18.811	ug/l	97
90) Hexachlorobutadiene	13.725	225	14374	20.352	ug/l	98
91) Naphthalene	13.780	128	98684	18.567	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	29365	18.806	ug/l	97

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

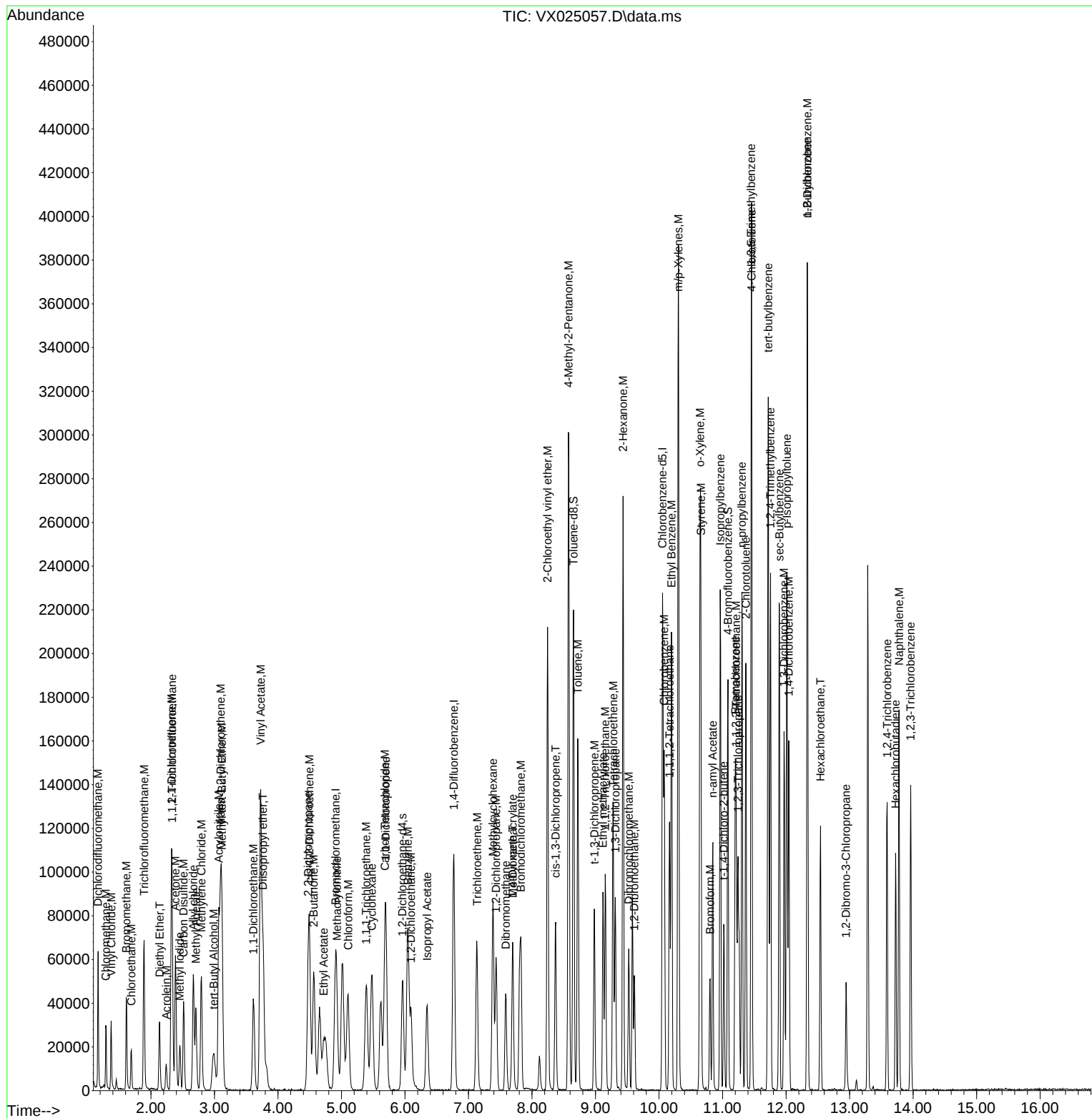
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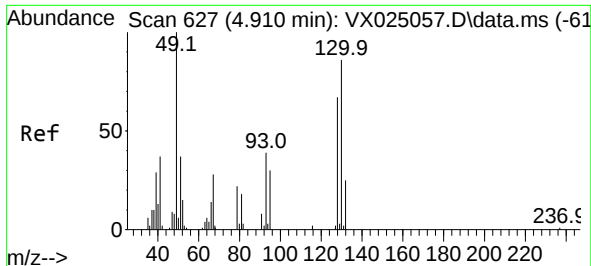
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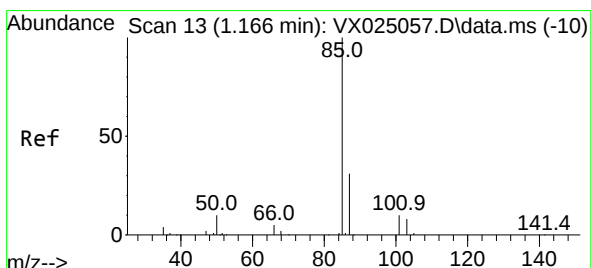
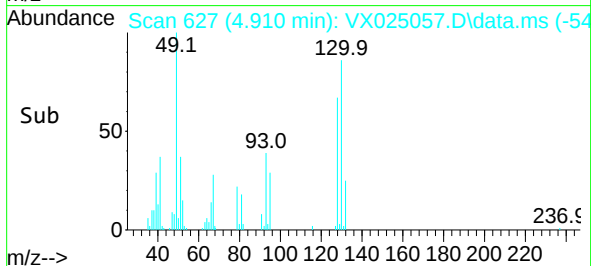
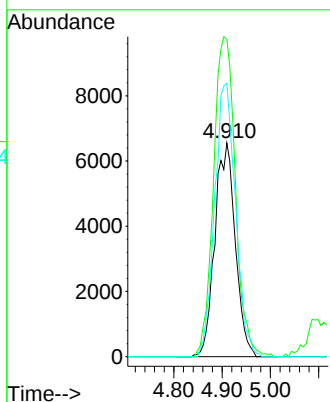
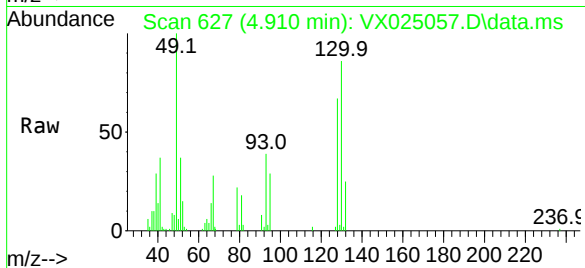
#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 1925
Ion Ratio Lower Upper
128 100
49 159.4 0.0 402.5
130 130.9 0.0 326.5

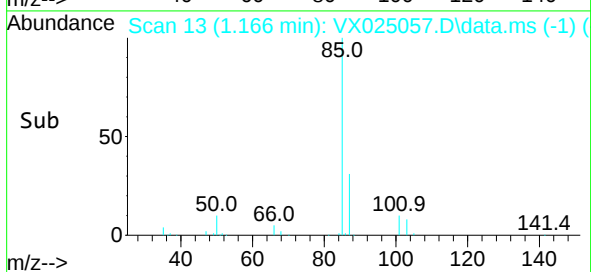
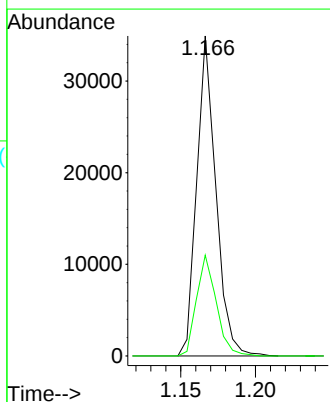
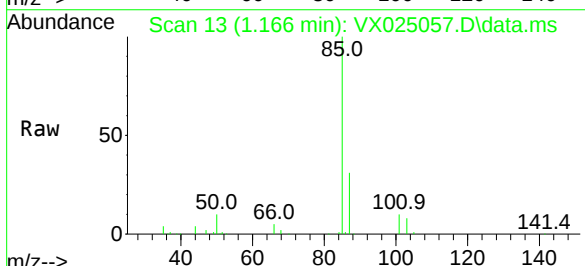
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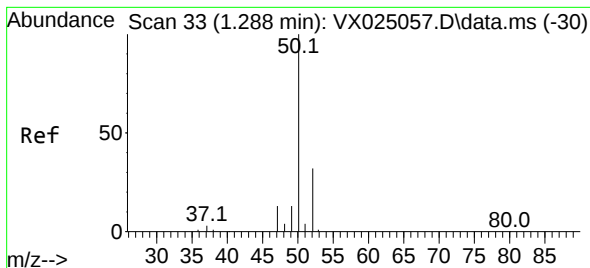
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#2
Dichlorodifluoromethane
Concen: 25.329 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion: 85 Resp: 31142
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8





#3

Chloromethane

Concen: 14.367 ug/l

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 50 Resp: 17340

Ion Ratio Lower Upper

50 100

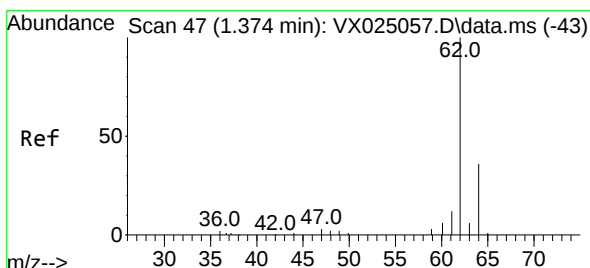
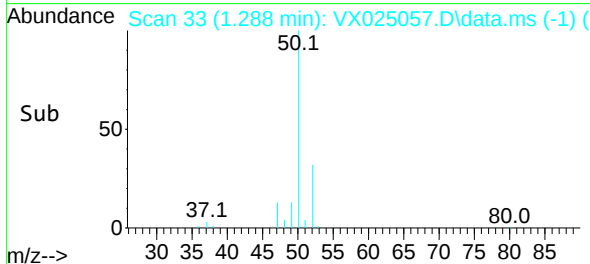
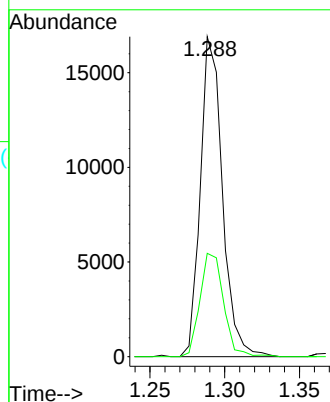
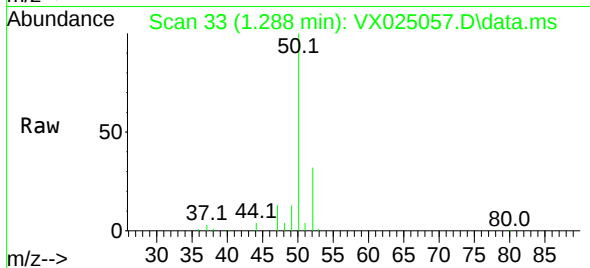
52 32.3 26.9 40.3

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#4

Vinyl Chloride

Concen: 15.106 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX025057.D

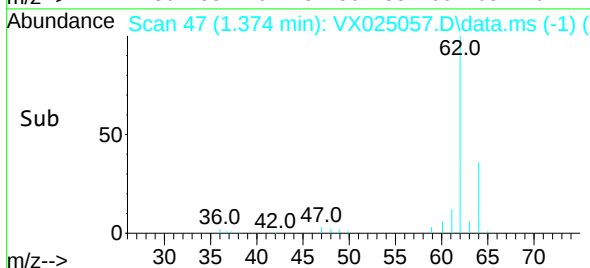
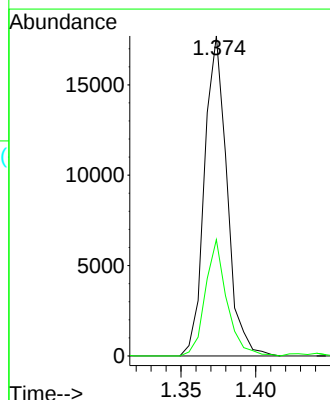
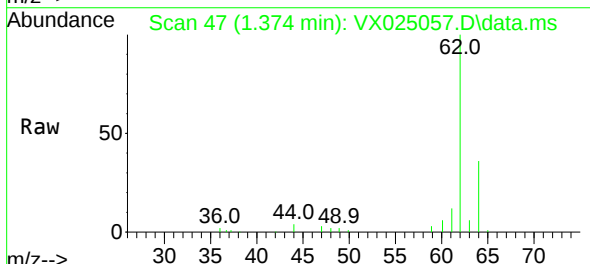
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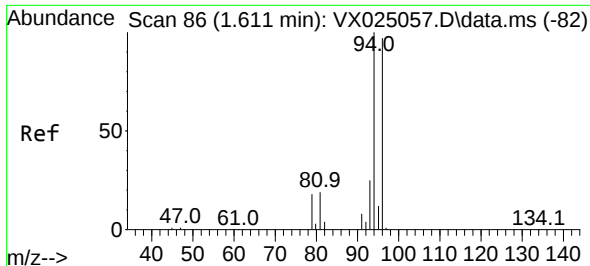
Tgt Ion: 62 Resp: 18537

Ion Ratio Lower Upper

62 100

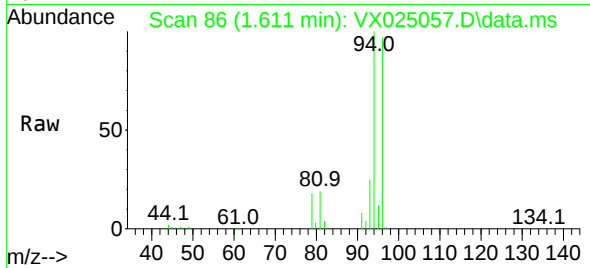
64 36.3 25.0 37.4





#5
Bromomethane
Concen: 21.913 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

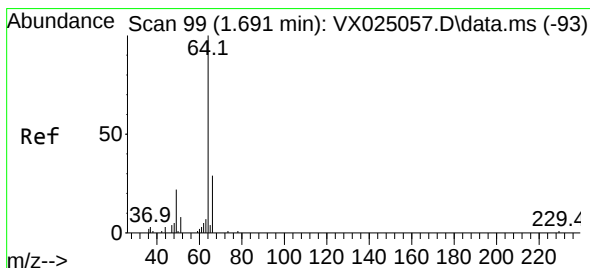
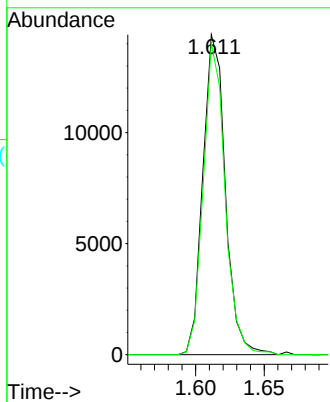
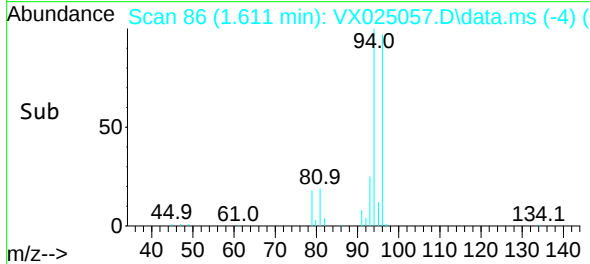
Instrument :
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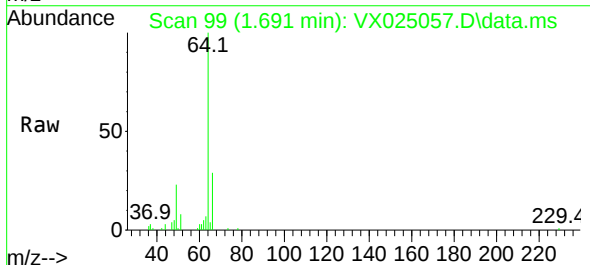
Tgt Ion: 94 Resp: 1652
Ion Ratio Lower Upper
94 100
96 97.5 72.8 109.2

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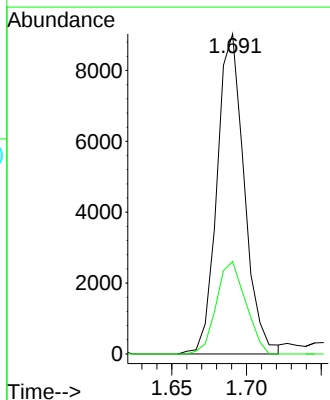
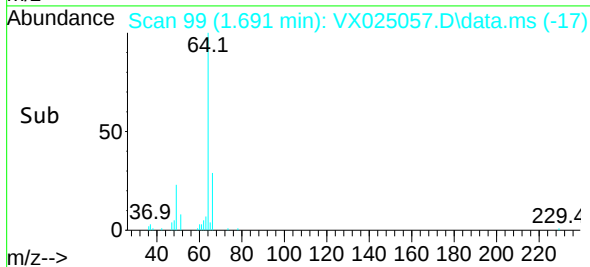
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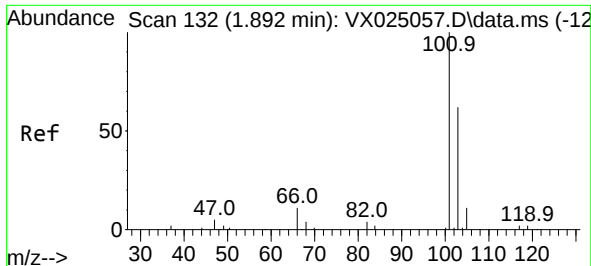


#6
Chloroethane
Concen: 14.892 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



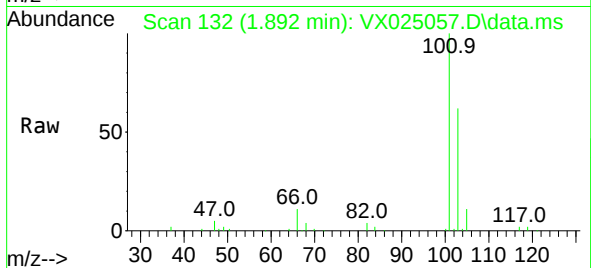
Tgt Ion: 64 Resp: 11437
Ion Ratio Lower Upper
64 100
66 28.9 26.8 40.2





#7
Trichlorofluoromethane
Concen: 21.130 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025057.D
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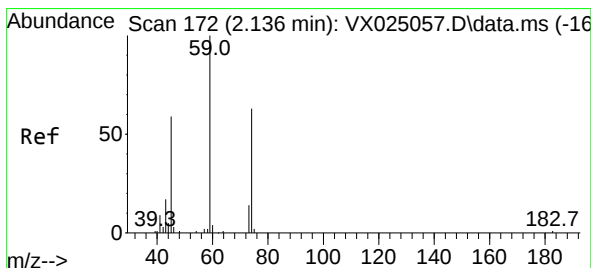
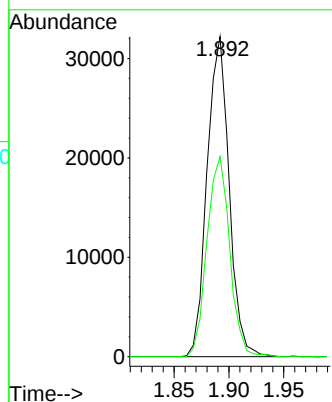
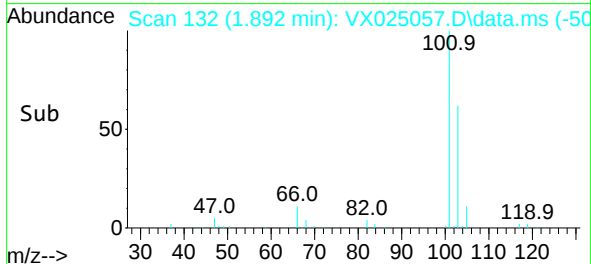
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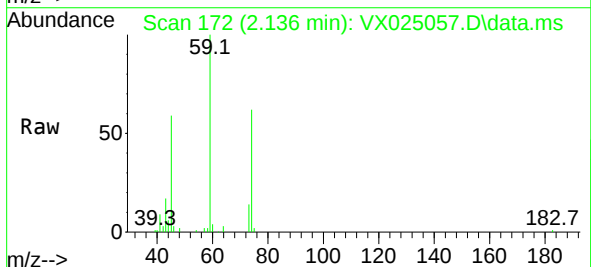
Tgt Ion:101 Resp: 4503
Ion Ratio Lower Upper
101 100
103 62.5 55.0 82.6

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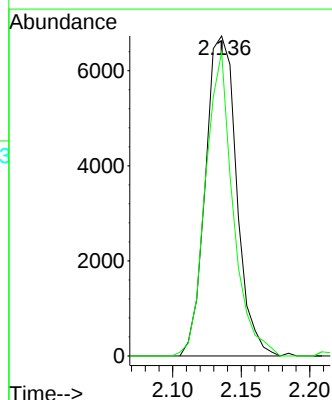
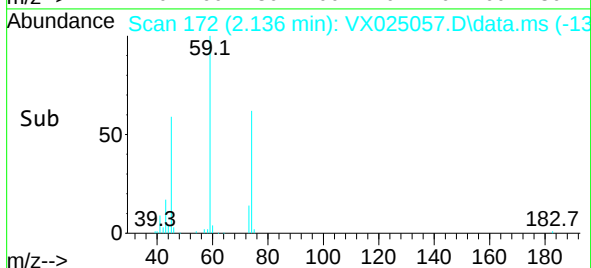
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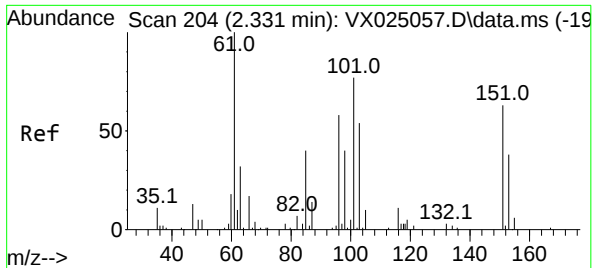


#8
Diethyl Ether
Concen: 15.056 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 10652
Ion Ratio Lower Upper
74 100
45 84.1 19.9 179.1





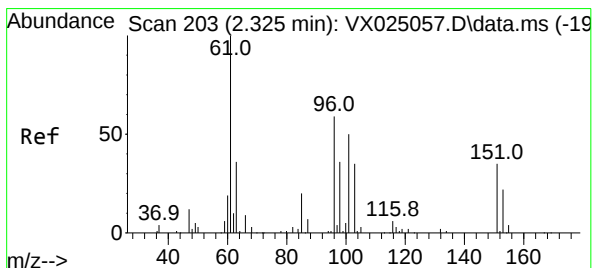
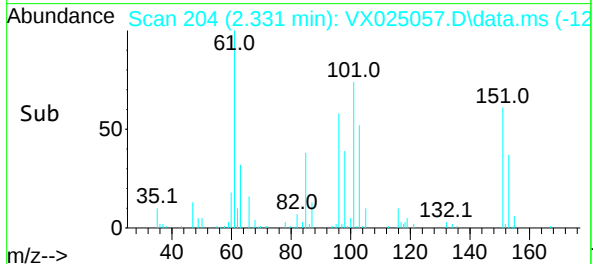
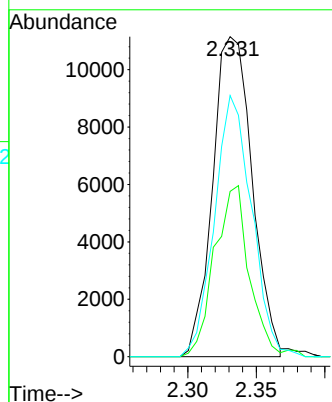
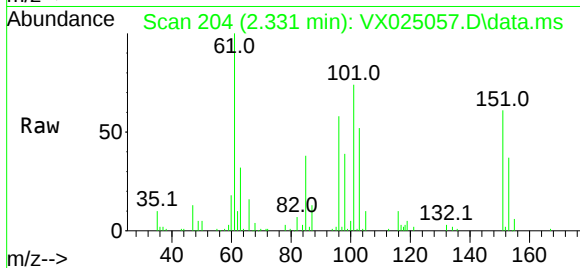
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1,1,2-Trichlorotrifluoroethane
Concen: 19.266 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX025057.D
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Tgt Ion:101 Resp: 2238
Ion Ratio Lower Upper
101 100
85 46.5 0.0 91.4
151 76.9 0.0 160.0

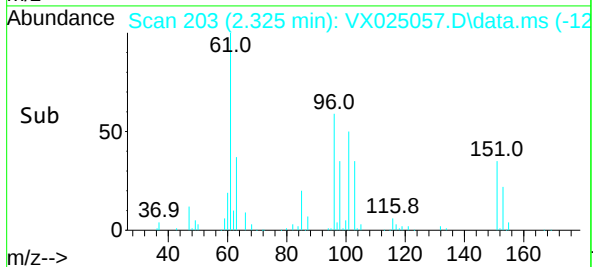
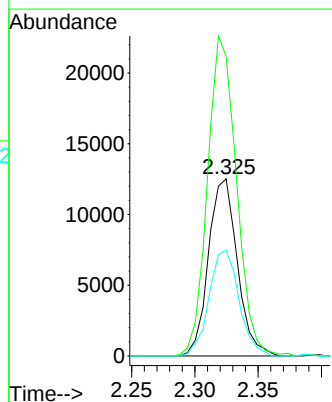
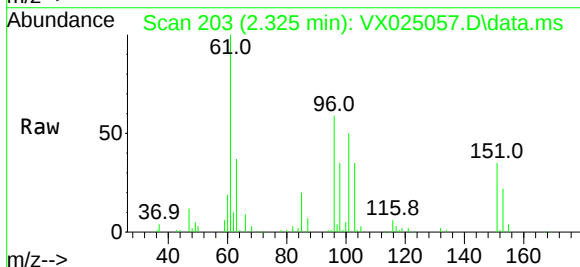
Manual Integrations
APPROVED

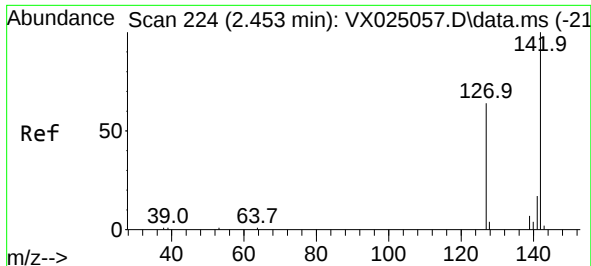
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 17.944 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

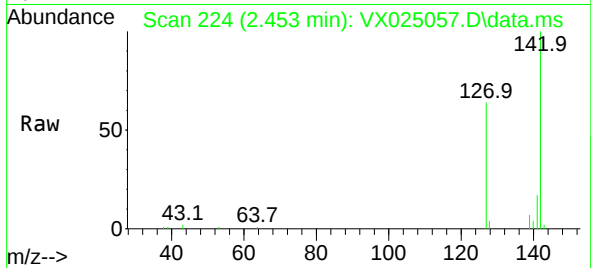
Tgt Ion: 96 Resp: 19849
Ion Ratio Lower Upper
96 100
61 168.1 140.3 210.5
98 59.8 52.8 79.2





#11
Methyl Iodide
Concen: 12.031 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

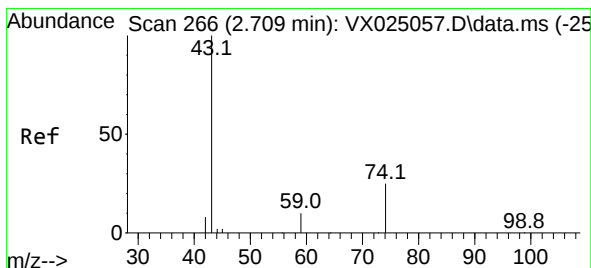
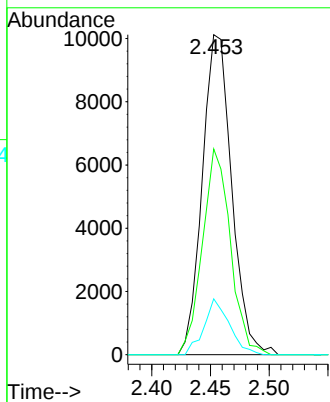
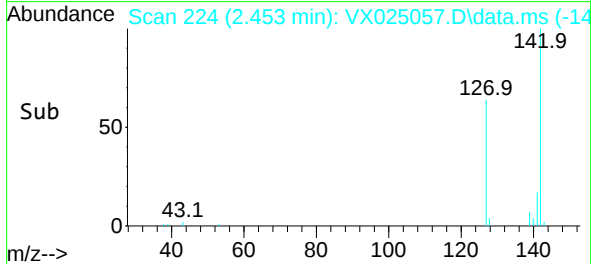
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 17640
Ion Ratio Lower Upper
142 100
127 64.3 23.6 71.0
141 17.4 7.1 21.3

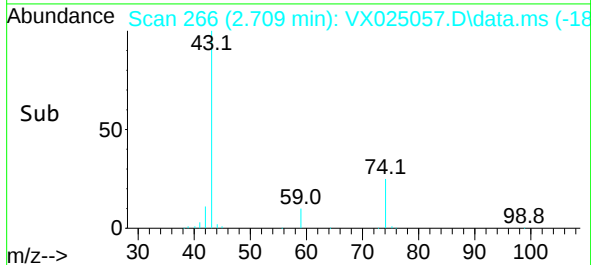
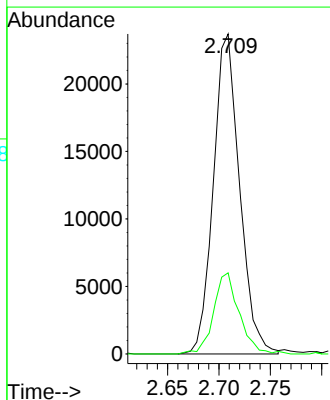
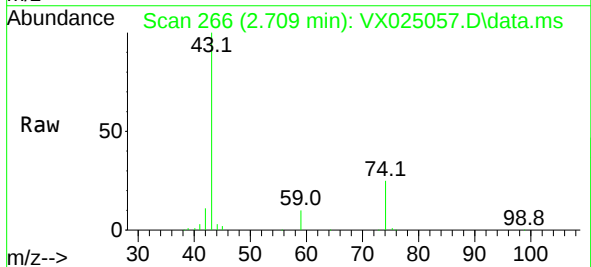
Manual Integrations
APPROVED

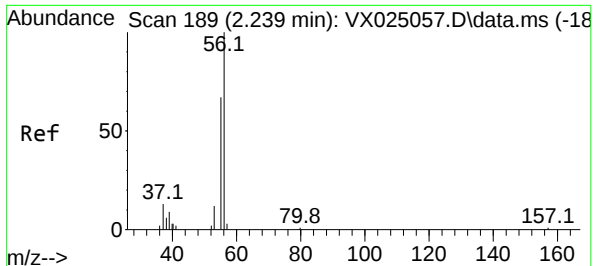
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
Methyl Acetate
Concen: 23.780 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

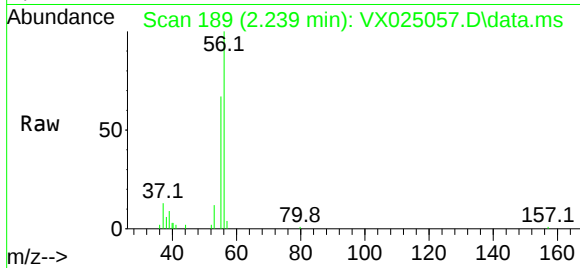
Tgt Ion: 43 Resp: 42015
Ion Ratio Lower Upper
43 100
74 25.1 18.2 27.2





#13
Acrolein
Concen: 49.905 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

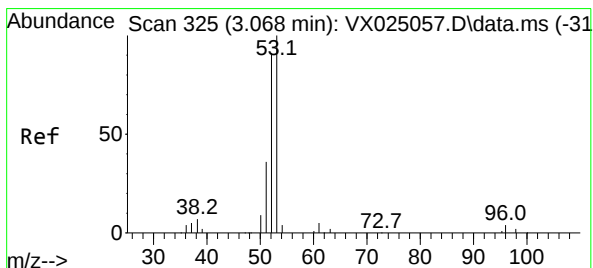
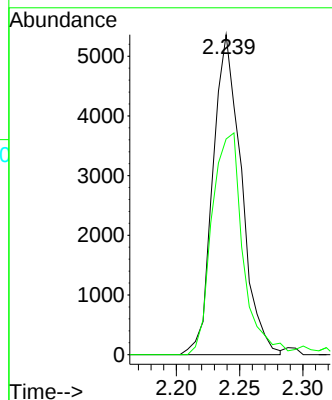
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 8375
Ion Ratio Lower Upper
56 100
55 75.5 59.5 89.3

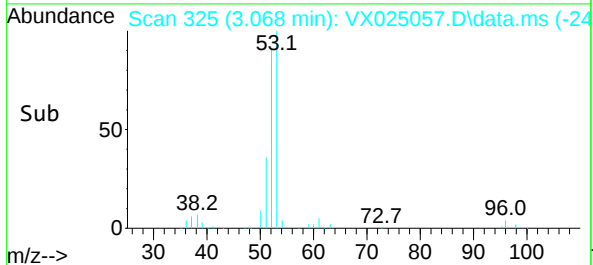
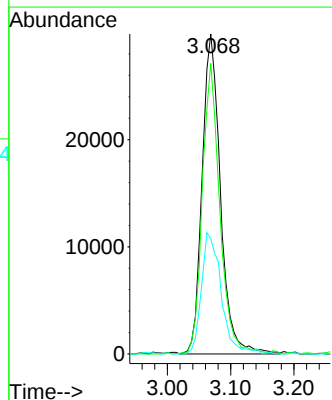
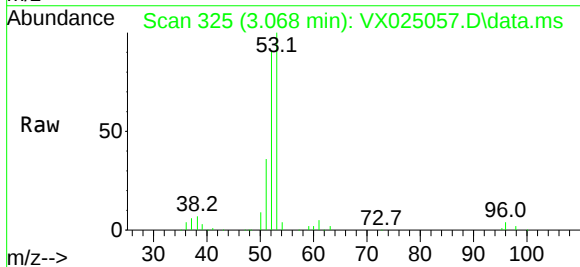
Manual Integrations
APPROVED

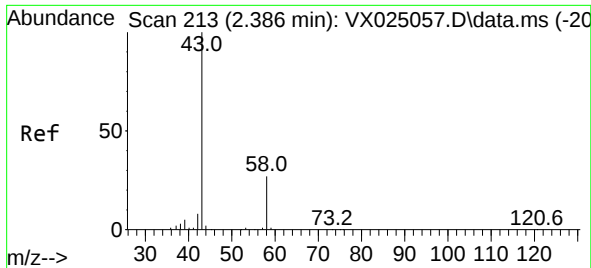
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Acrylonitrile
Concen: 84.336 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

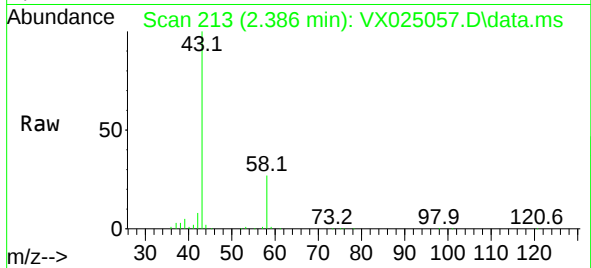
Tgt Ion: 53 Resp: 60354
Ion Ratio Lower Upper
53 100
52 83.6 40.4 121.2
51 39.6 18.1 54.1





#15
Acetone
Concen: 89.246 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

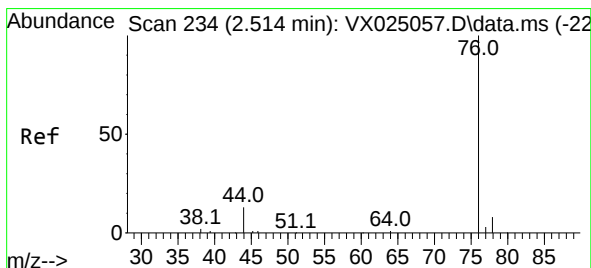
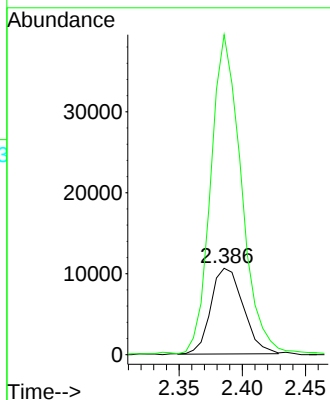
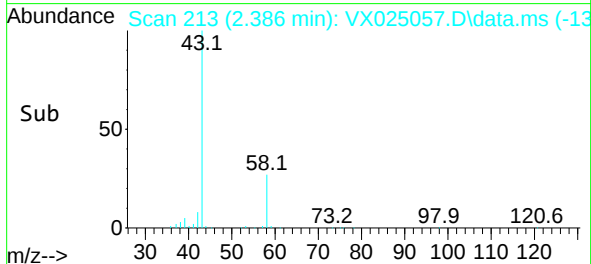
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



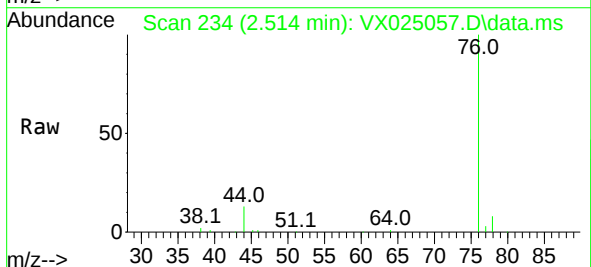
Tgt Ion: 58 Resp: 18894
Ion Ratio Lower Upper
58 100
43 373.1 266.6 400.0

Manual Integrations
APPROVED

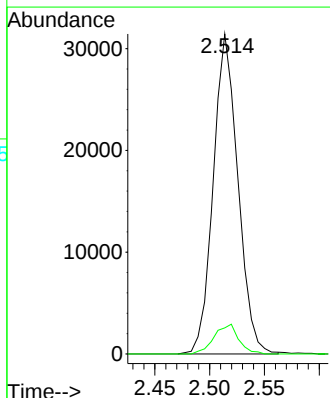
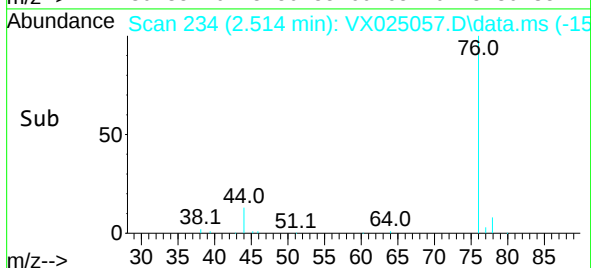
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

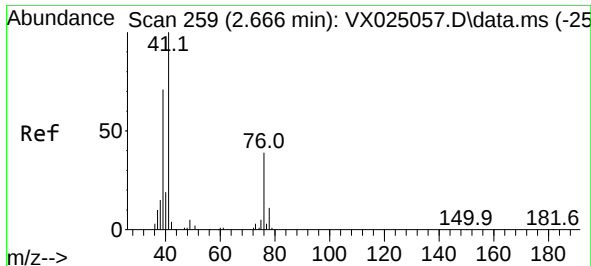


#16
Carbon Disulfide
Concen: 17.910 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion: 76 Resp: 49249
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9





#17

Allyl chloride

Concen: 15.596 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 41 Resp: 31039

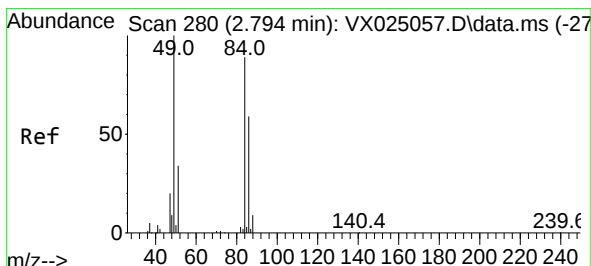
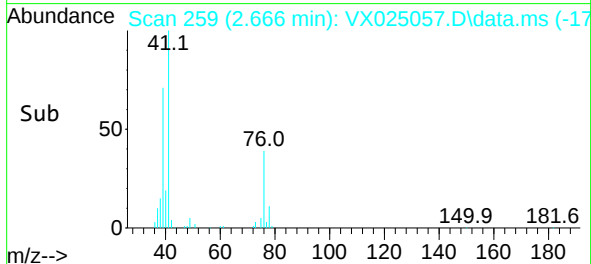
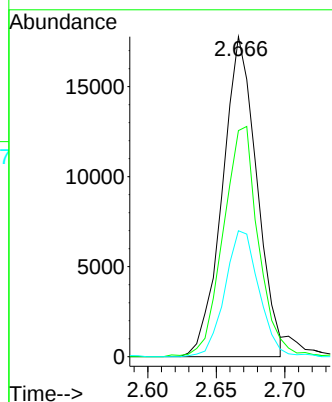
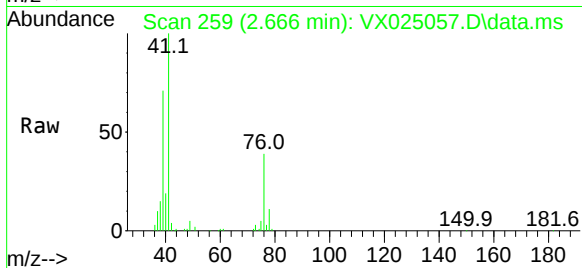
Ion	Ratio	Lower	Upper
41	100		
39	70.3	36.4	109.3
76	39.4	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 18.404 ug/l

RT: 2.794 min Scan# 280

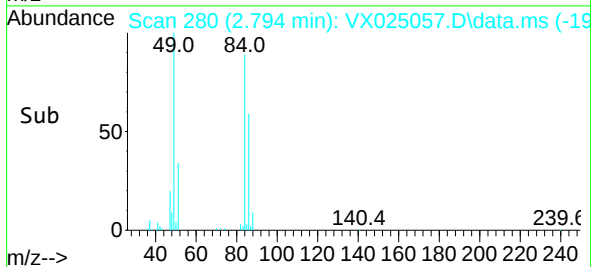
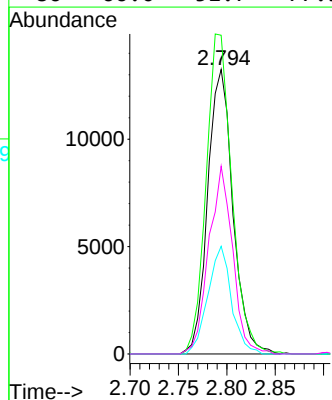
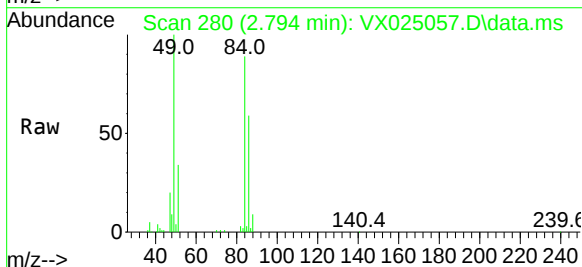
Delta R.T. 0.000 min

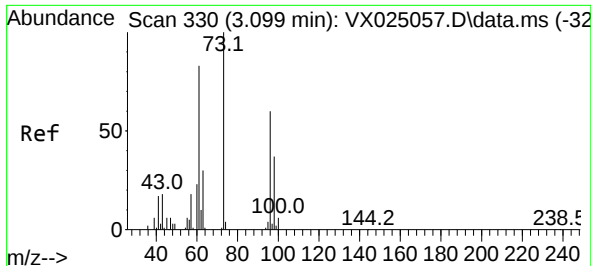
Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Tgt Ion: 84 Resp: 24042

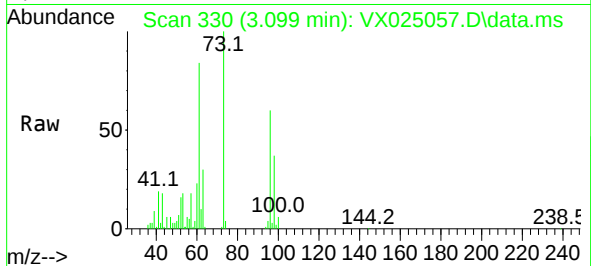
Ion	Ratio	Lower	Upper
84	100		
49	112.0	104.3	156.5
51	37.8	30.3	45.5
86	66.0	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 18.246 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

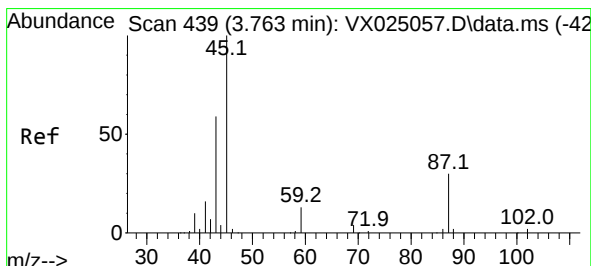
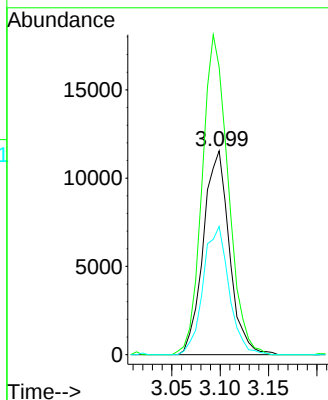
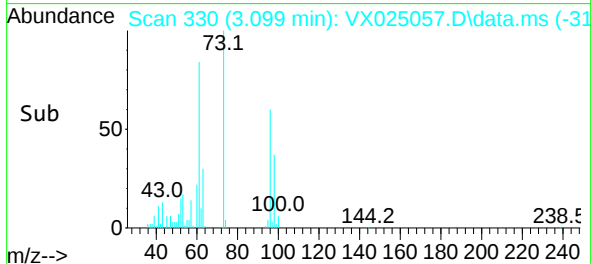
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



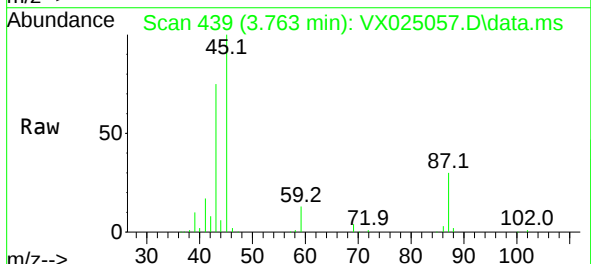
Tgt Ion: 96 Resp: 21719
Ion Ratio Lower Upper
96 100
61 141.0 109.2 163.8
98 62.8 50.8 76.2

Manual Integrations
APPROVED

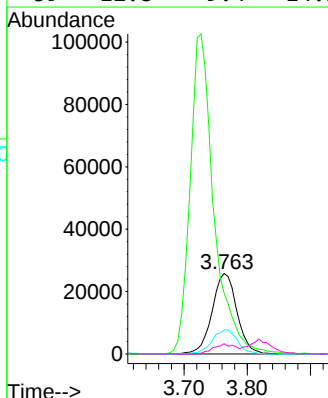
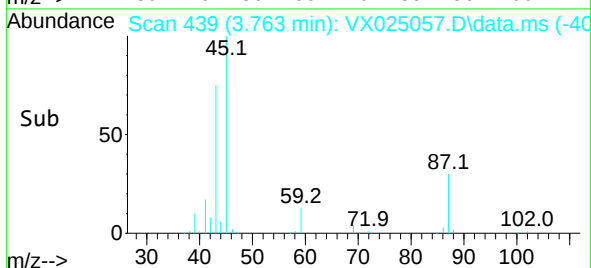
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

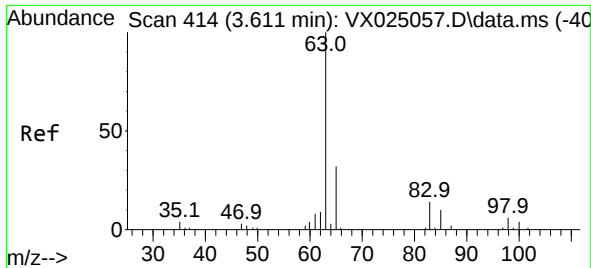


#20
Diisopropyl ether
Concen: 17.374 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion: 45 Resp: 70197
Ion Ratio Lower Upper
45 100
43 73.0 63.8 95.6
87 29.9 21.8 32.6
59 12.8 9.4 14.2





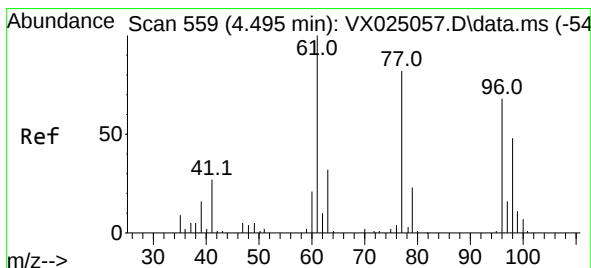
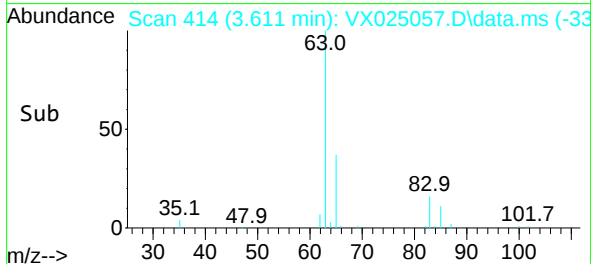
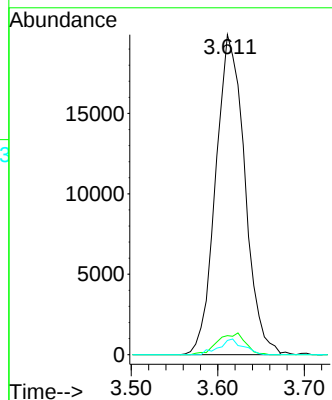
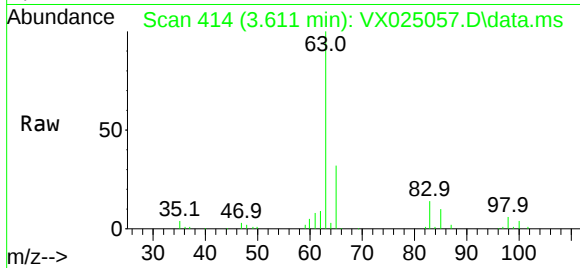
#21
1,1-Dichloroethane
Concen: 20.258 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 46330
Ion Ratio Lower Upper
63 100
98 5.9 3.4 10.1
100 4.4 2.1 6.2

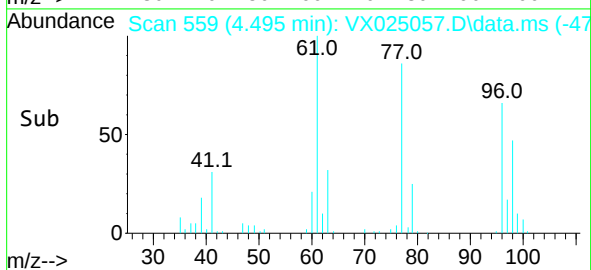
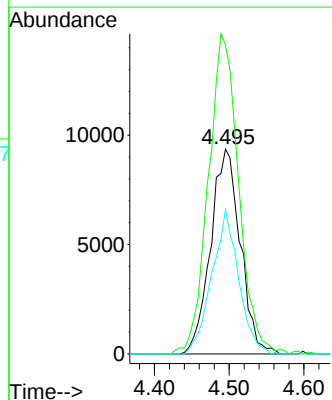
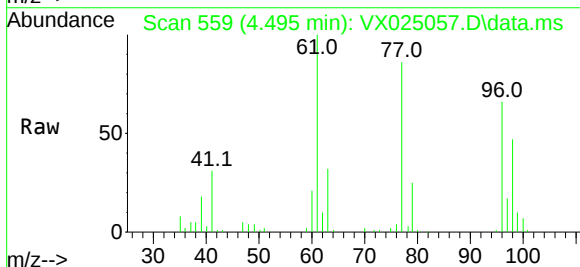
Manual Integrations
APPROVED

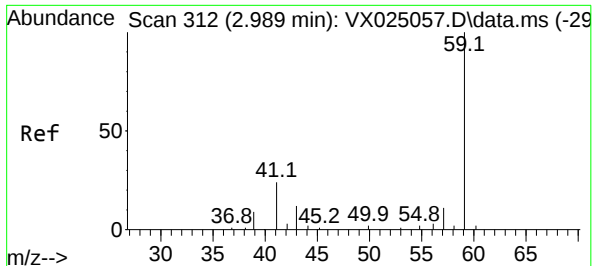
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
cis-1,2-Dichloroethene
Concen: 18.633 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

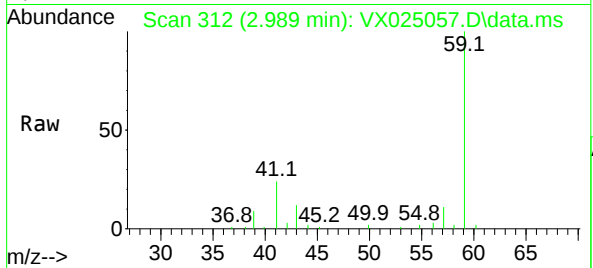
Tgt Ion: 96 Resp: 25855
Ion Ratio Lower Upper
96 100
61 159.1 114.5 171.7
98 63.7 51.3 76.9





#23
tert-Butyl Alcohol
Concen: 109.032 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

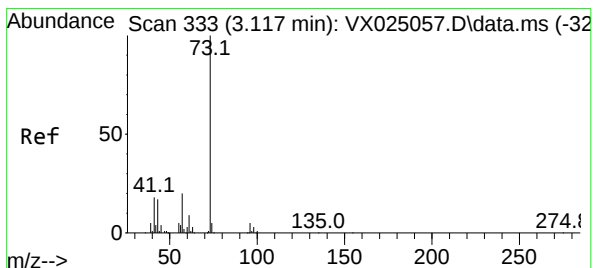
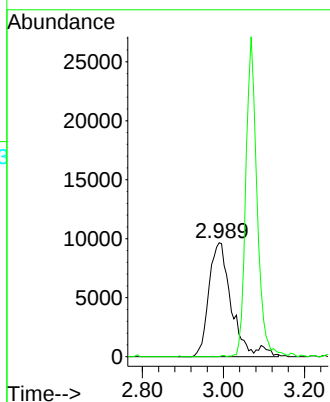
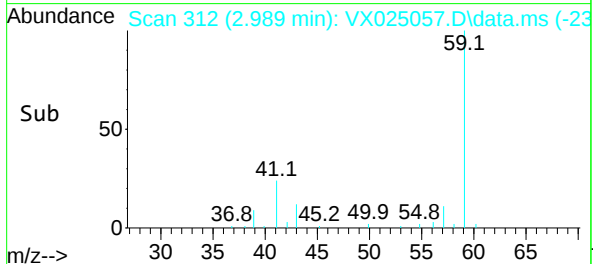
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 37559
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1

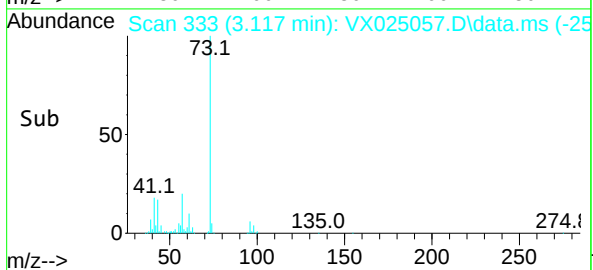
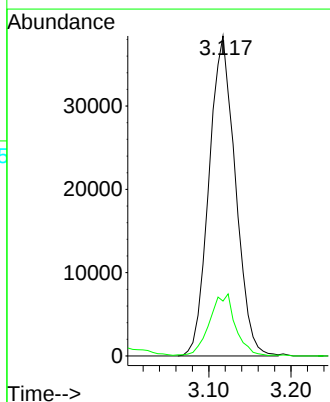
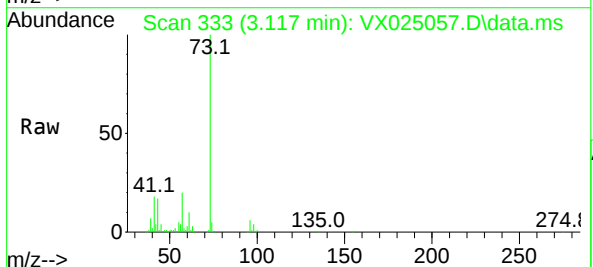
Manual Integrations
APPROVED

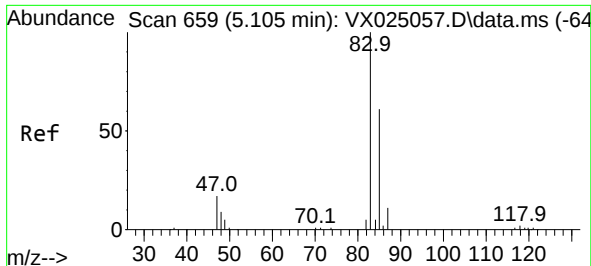
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 21.206 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion: 73 Resp: 85550
Ion Ratio Lower Upper
73 100
43 19.2 17.9 26.9





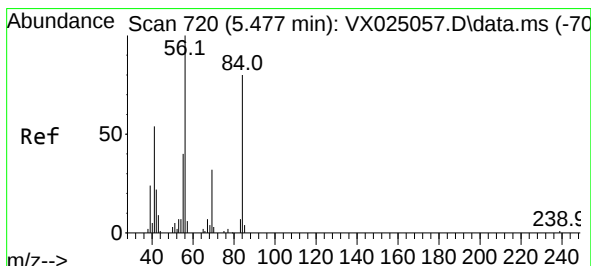
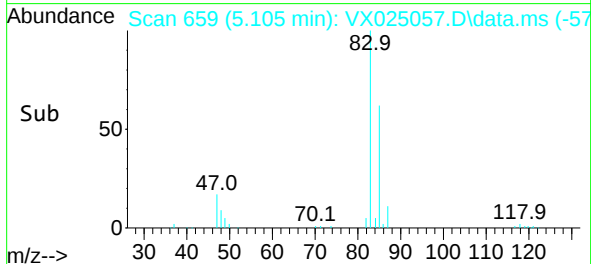
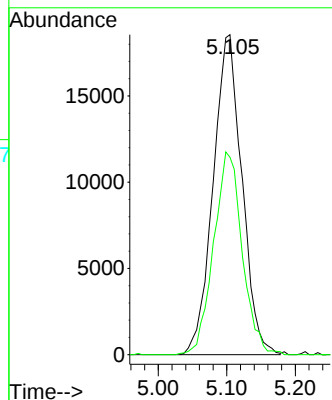
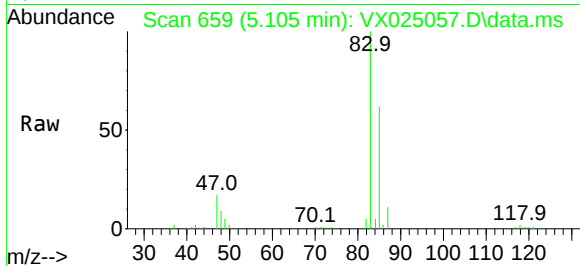
#25
Chloroform
Concen: 22.429 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5411
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.8

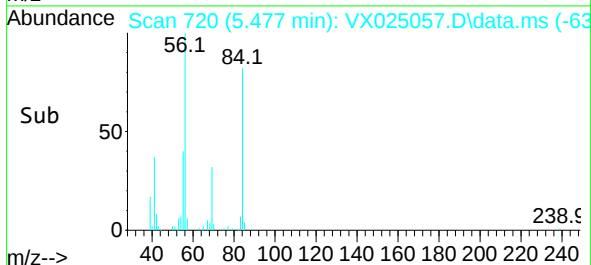
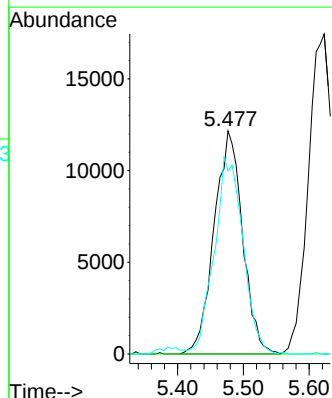
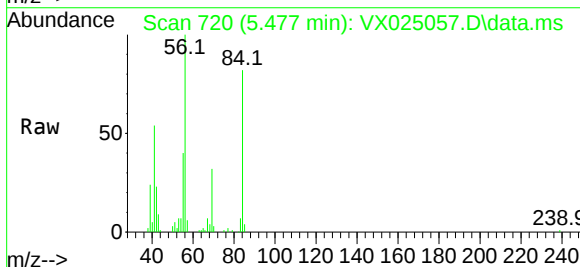
Manual Integrations
APPROVED

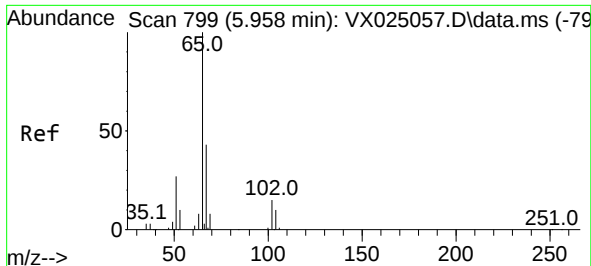
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 18.118 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

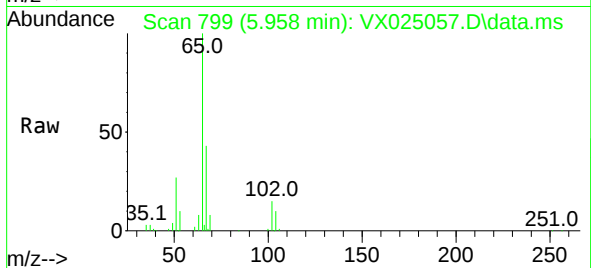
Tgt Ion: 56 Resp: 36568
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.6 69.0 103.6





#27
1,2-Dichloroethane-d4
Concen: 34.956 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

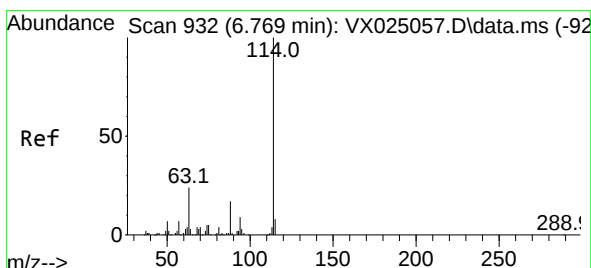
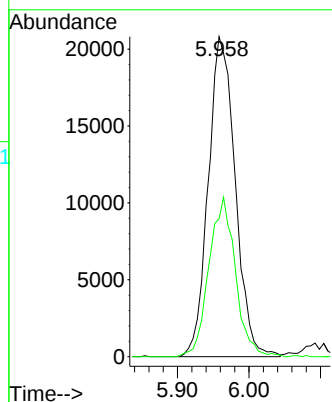
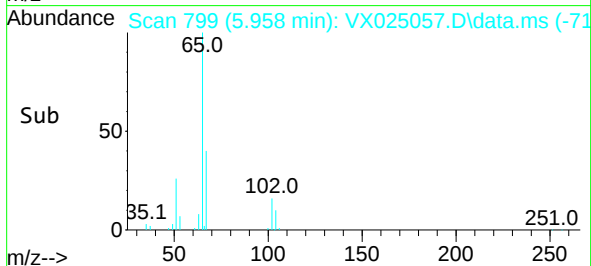
Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC020



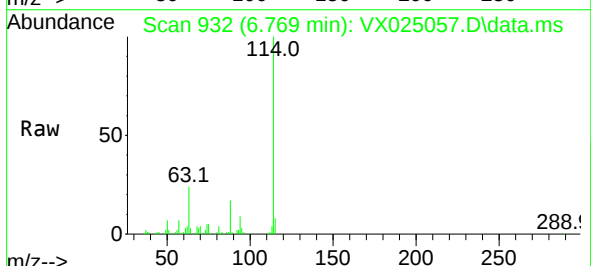
Tgt Ion: 65 Resp: 54562
Ion Ratio Lower Upper
65 100
67 48.4 42.4 63.6

Manual Integrations
APPROVED

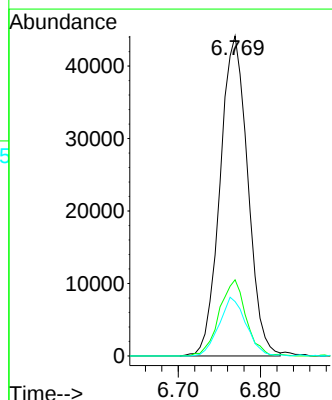
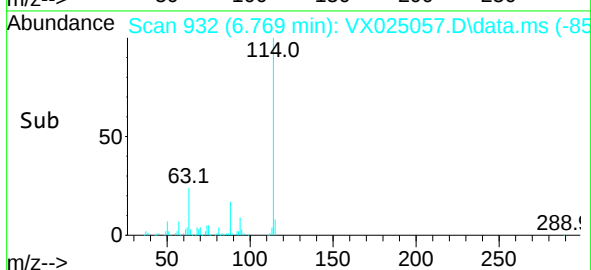
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

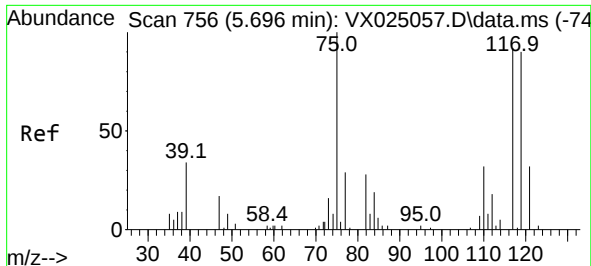


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion:114 Resp: 103267
Ion Ratio Lower Upper
114 100
63 22.9 16.4 24.6
88 17.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.632 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

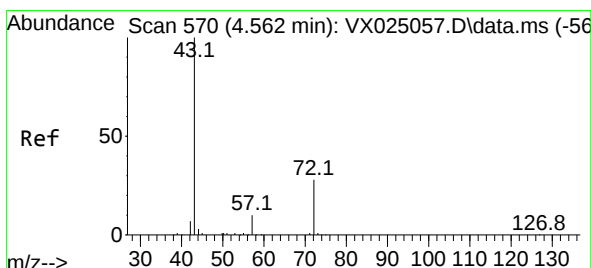
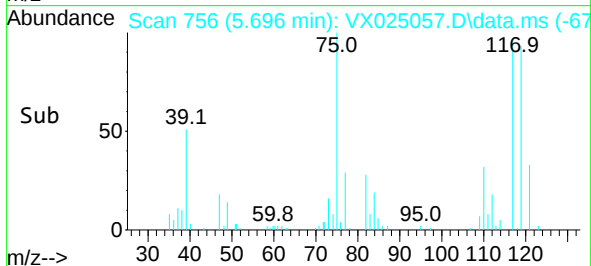
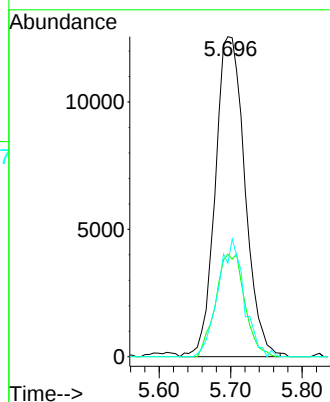
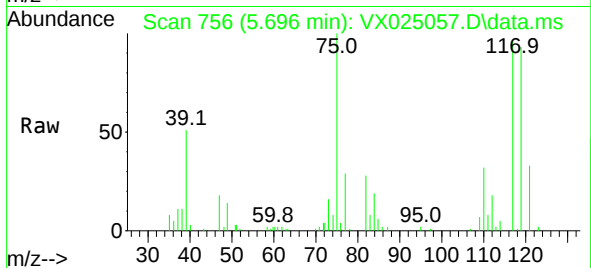
Tgt Ion:	75	Resp:	36100
Ion Ratio	Lower	Upper	
75	100		
110	19.3	0.0	72.0
77	32.1	0.0	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 88.521 ug/l

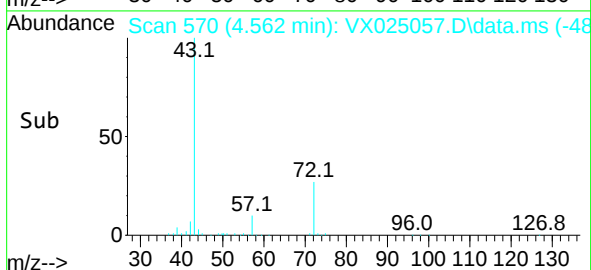
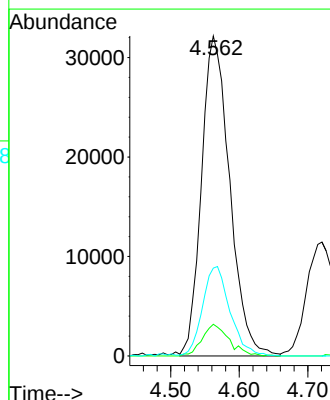
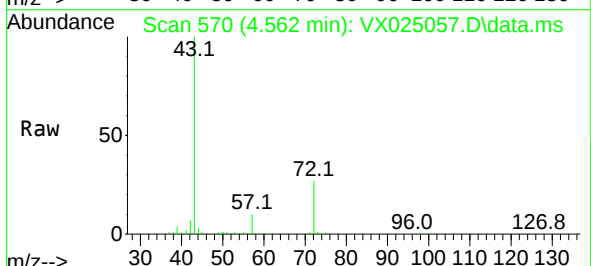
RT: 4.562 min Scan# 570

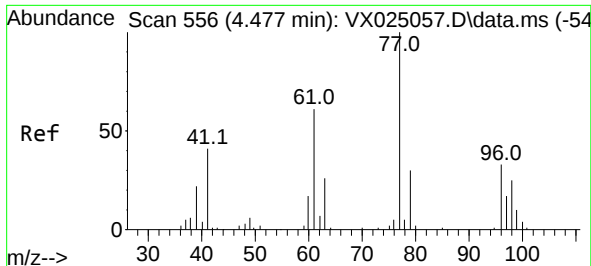
Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Tgt Ion:	43	Resp:	92108
Ion Ratio	Lower	Upper	
43	100		
57	8.5	6.6	9.8
72	27.2	21.0	31.4





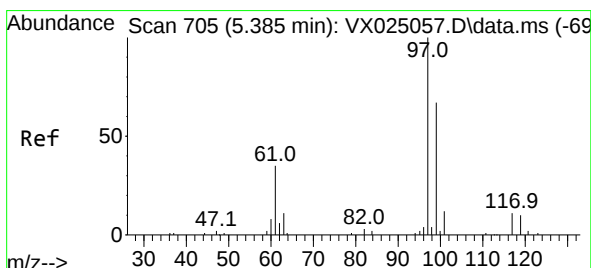
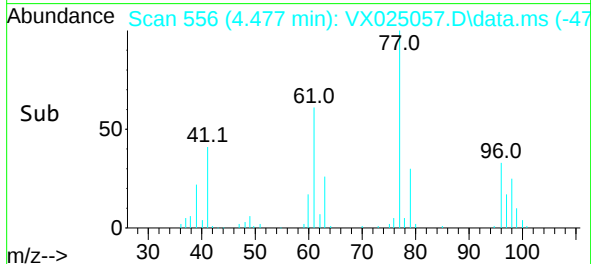
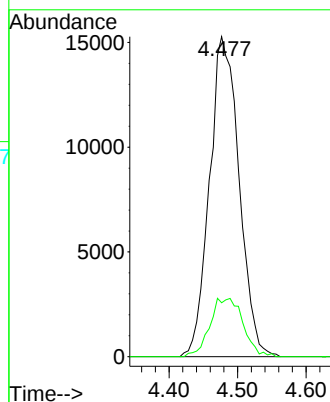
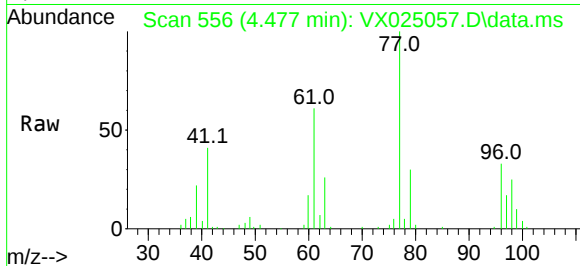
#31
2,2-Dichloropropane
Concen: 23.796 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 45834
Ion Ratio Lower Upper
77 100
97 8.6 19.8 29.8

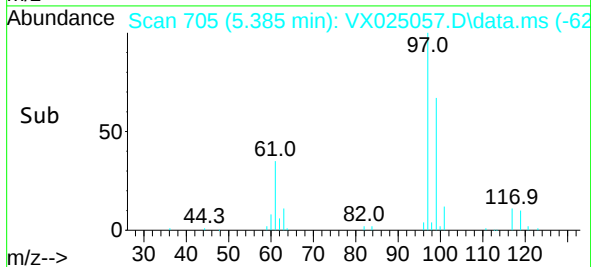
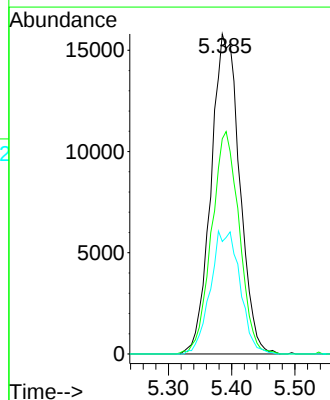
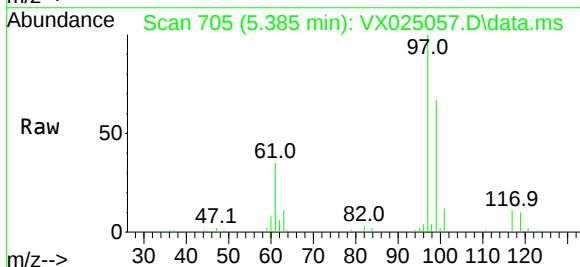
Manual Integrations
APPROVED

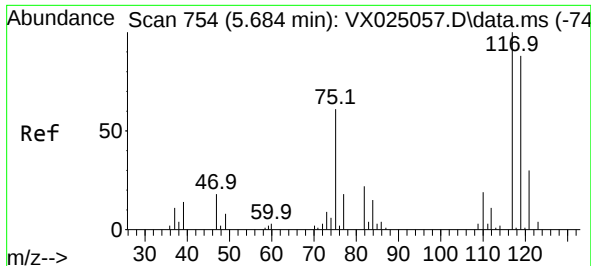
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 23.972 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

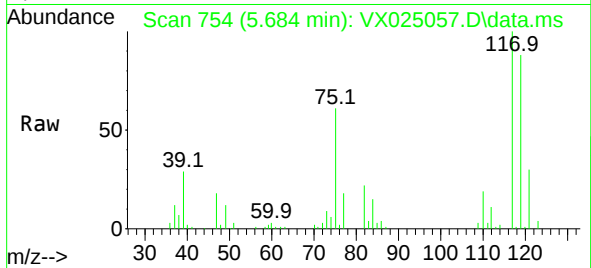
Tgt Ion: 97 Resp: 49584
Ion Ratio Lower Upper
97 100
99 67.3 50.4 75.6
61 18.5 36.4 54.6





#33
Carbon Tetrachloride
Concen: 24.016 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

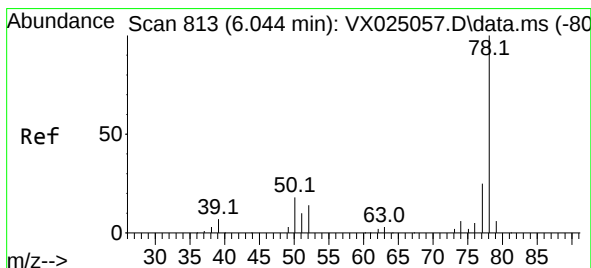
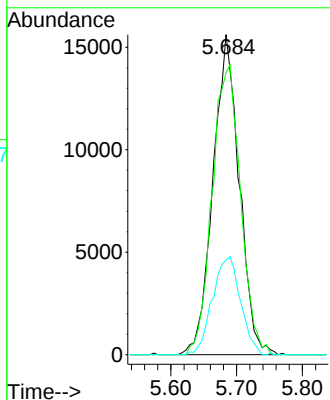
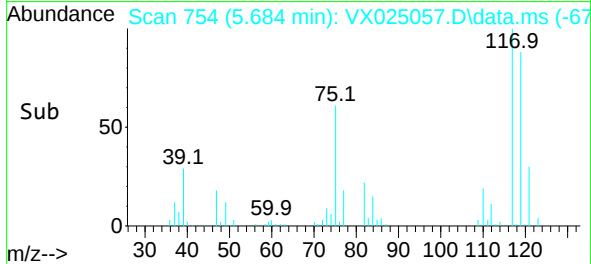
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 43338
Ion Ratio Lower Upper
117 100
119 88.1 75.4 113.2
121 29.6 24.1 36.1

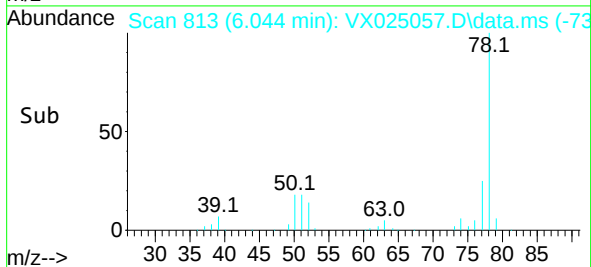
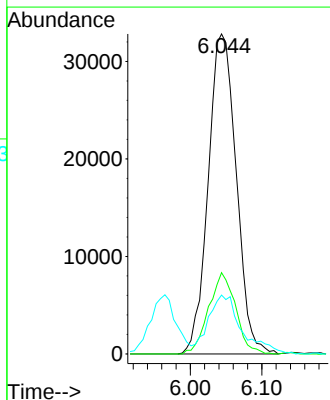
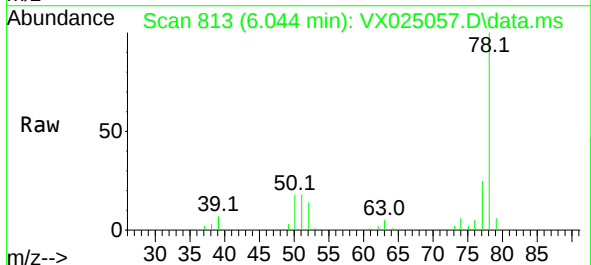
Manual Integrations
APPROVED

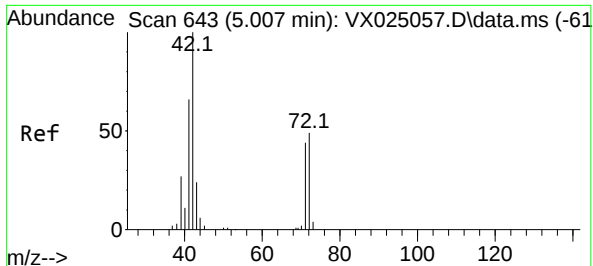
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
Benzene
Concen: 18.658 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

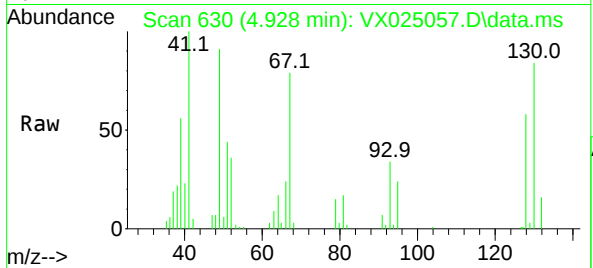
Tgt Ion: 78 Resp: 89534
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9
51 17.3 12.2 18.4





#35
Methacrylonitrile
Concen: 13.285 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. -0.079 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

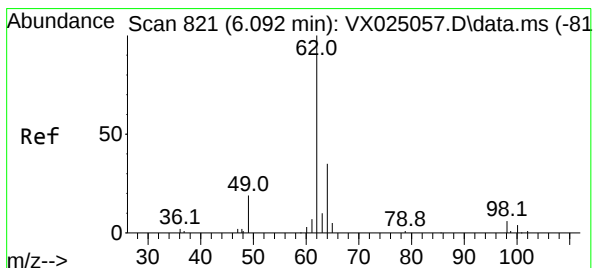
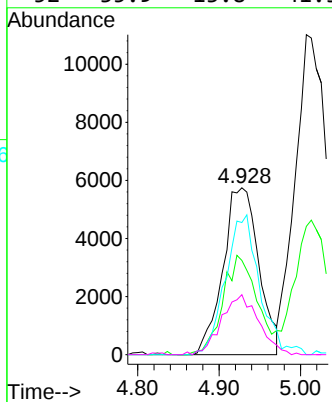
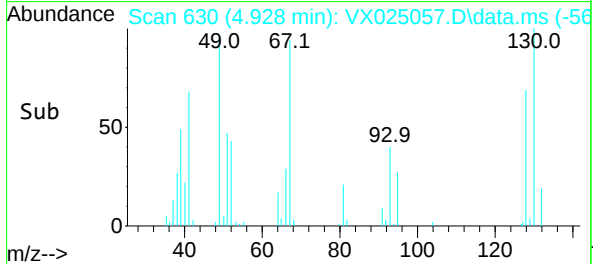
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 1755
Ion Ratio Lower Upper
41 100
39 56.5 27.4 82.2
67 79.2 34.6 103.9
52 35.9 13.8 41.3

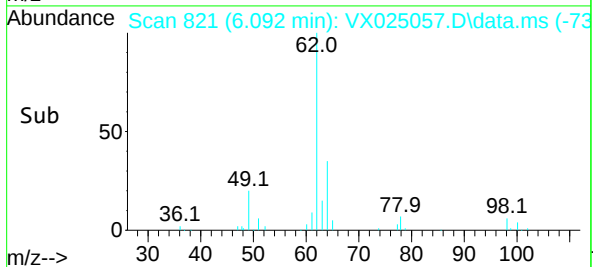
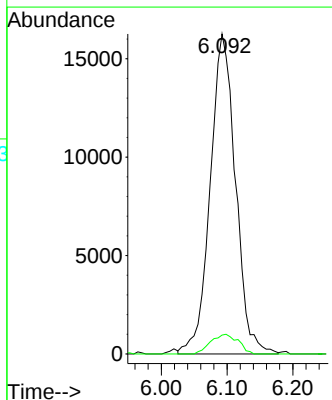
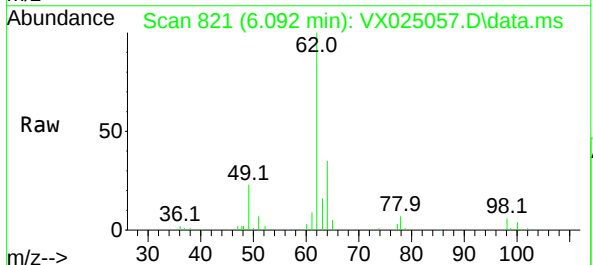
Manual Integrations
APPROVED

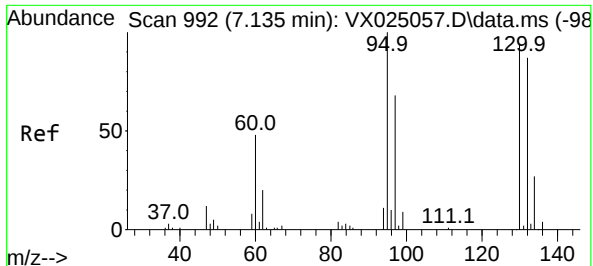
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 22.558 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion: 62 Resp: 43542
Ion Ratio Lower Upper
62 100
98 6.7 7.0 10.4#





#37

Trichloroethene

Concen: 18.209 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 23770

Ion Ratio Lower Upper

130 100

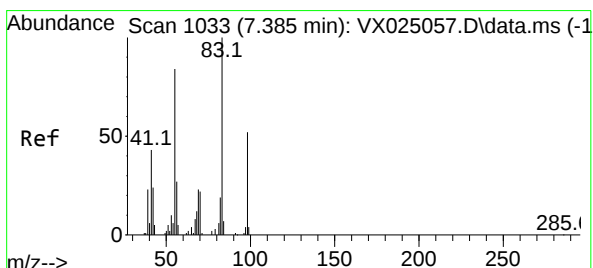
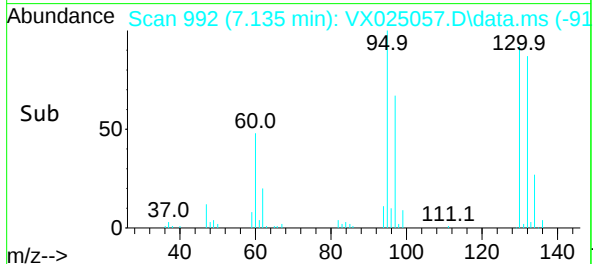
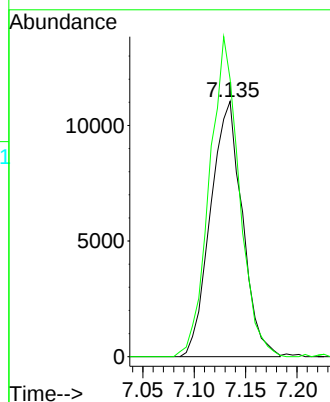
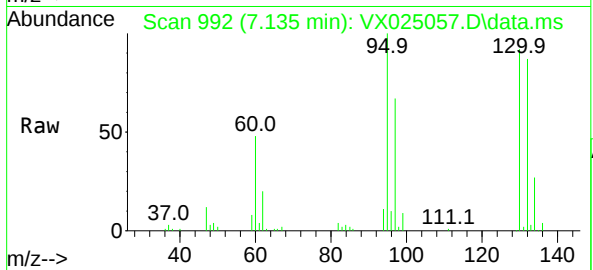
95 108.2 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#38

Methylcyclohexane

Concen: 18.371 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

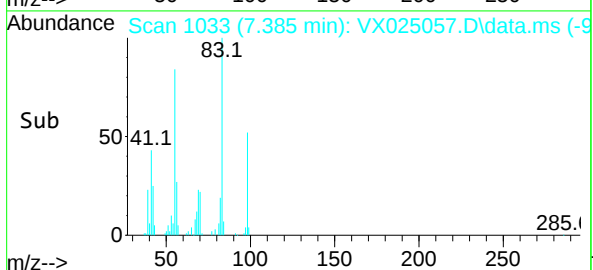
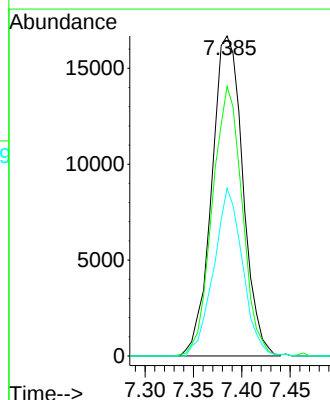
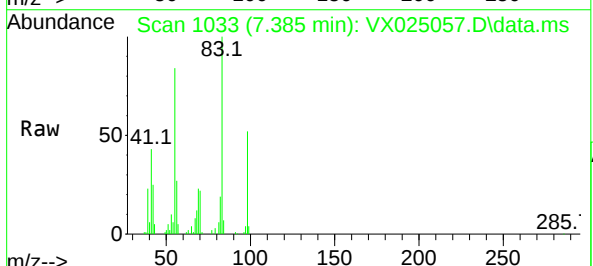
Tgt Ion: 83 Resp: 37397

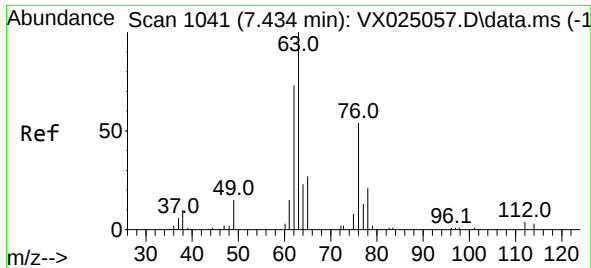
Ion Ratio Lower Upper

83 100

55 80.5 37.8 113.4

98 48.5 23.4 70.3





#39

1,2-Dichloropropane

Concen: 18.474 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 2319

Ion Ratio Lower Upper

63 100

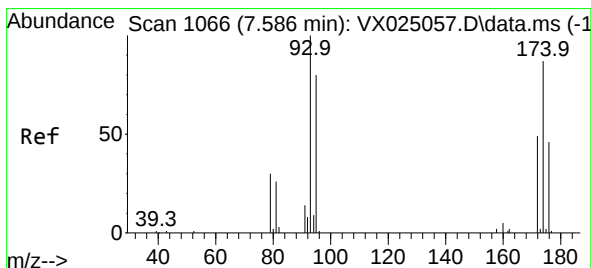
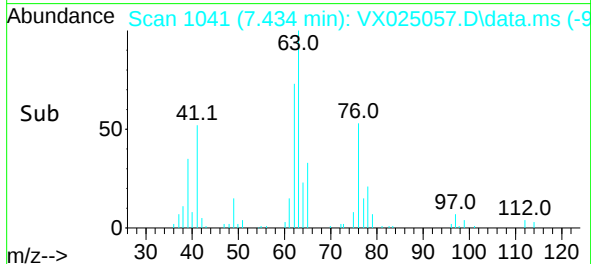
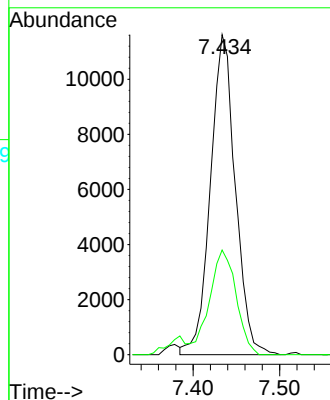
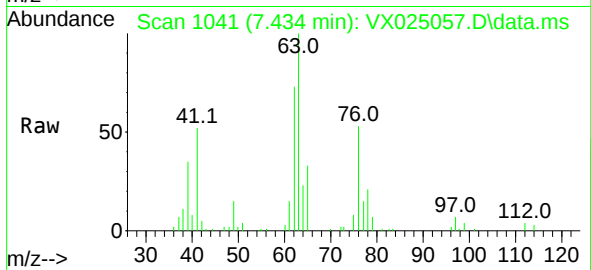
65 32.7 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 20.359 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

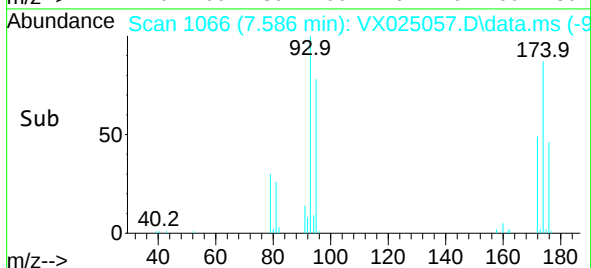
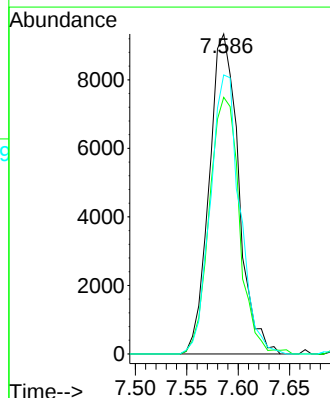
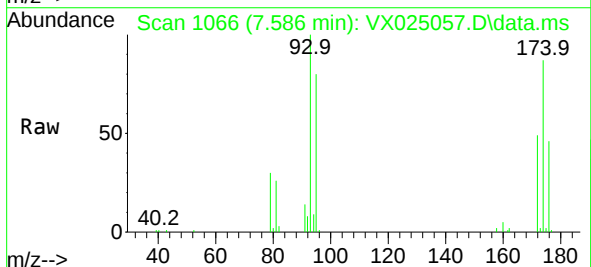
Tgt Ion: 93 Resp: 18561

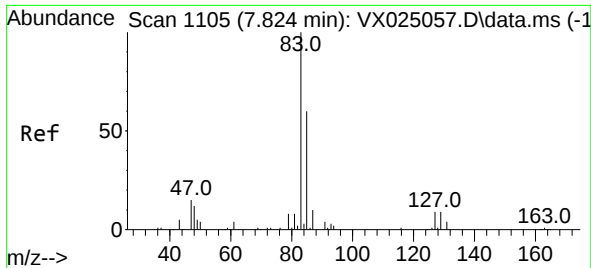
Ion Ratio Lower Upper

93 100

95 81.2 0.0 168.4

174 87.7 0.0 206.6





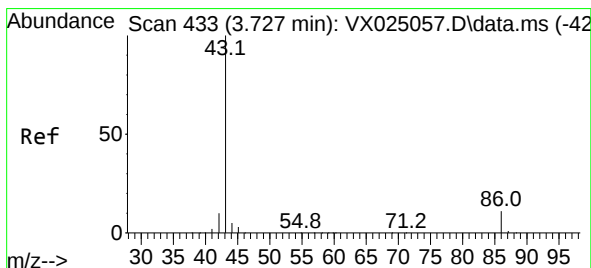
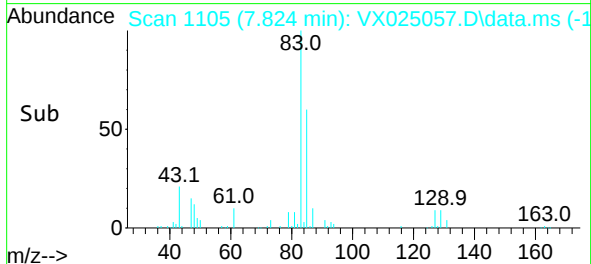
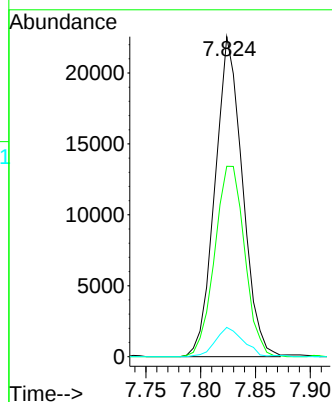
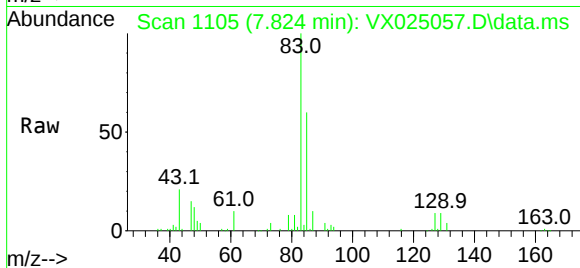
#41
Bromodichloromethane
Concen: 22.809 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 39300
Ion Ratio Lower Upper
83 100
85 59.5 51.7 77.5
127 9.2 7.4 11.0

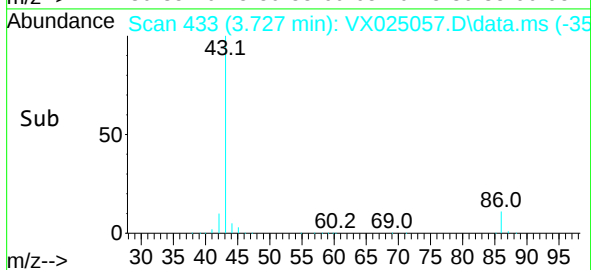
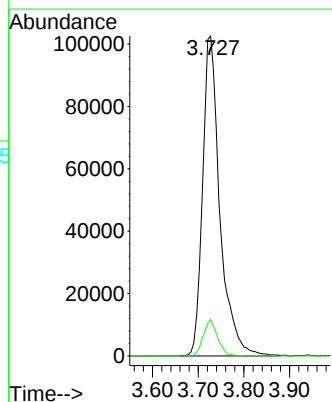
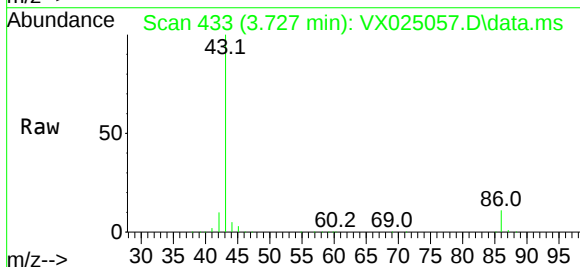
Manual Integrations
APPROVED

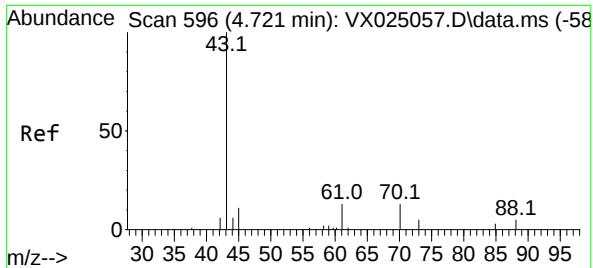
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 79.971 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

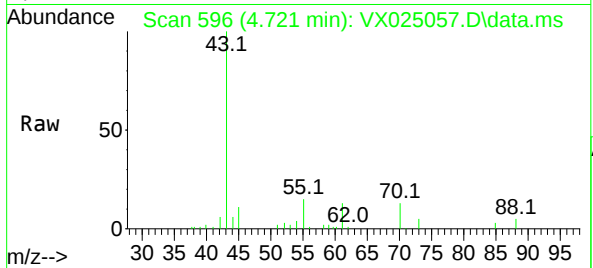
Tgt Ion: 43 Resp: 269228
Ion Ratio Lower Upper
43 100
86 9.4 7.2 10.8





#43
Ethyl Acetate
Concen: 17.754 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

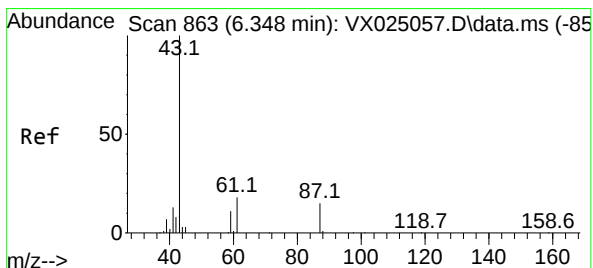
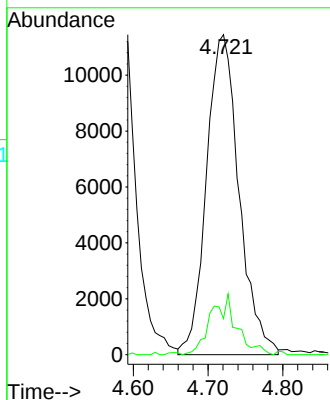
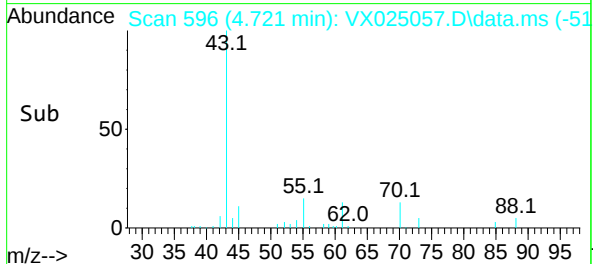
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



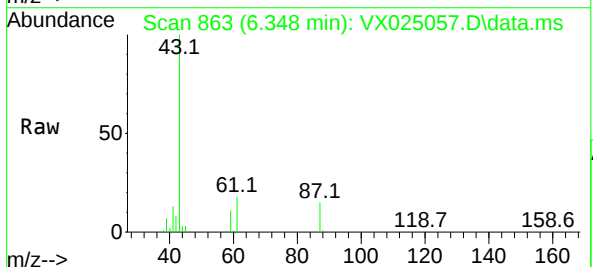
Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
45 4.3 12.1 18.1

Manual Integrations
APPROVED

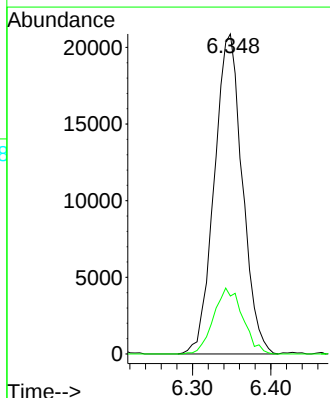
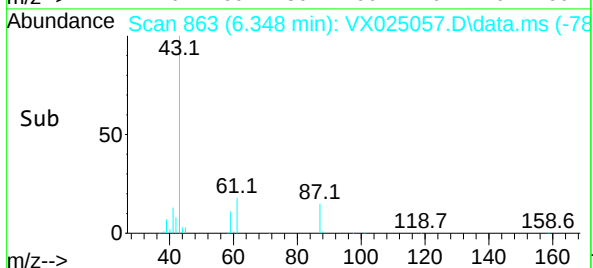
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

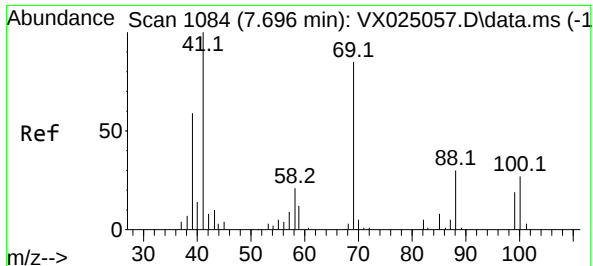


#44
Isopropyl Acetate
Concen: 16.763 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion: 43 Resp: 51930
Ion Ratio Lower Upper
43 100
61 21.4 15.4 23.2





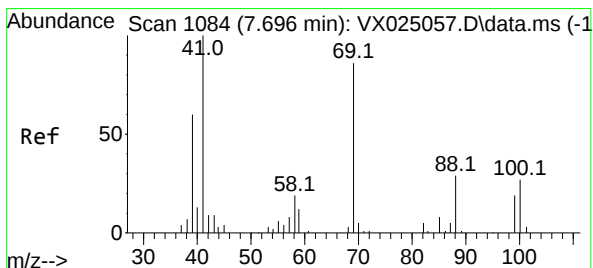
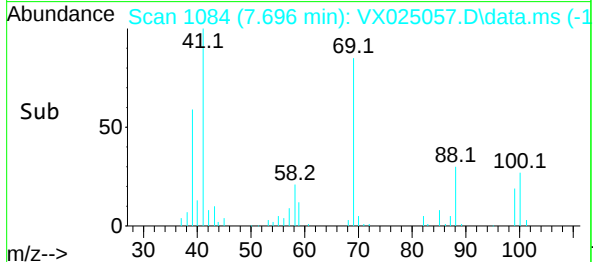
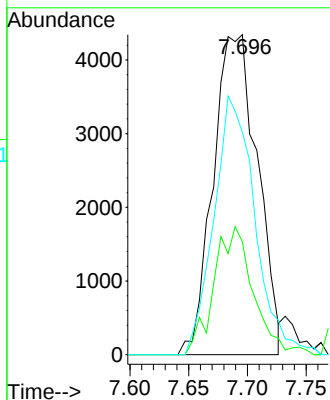
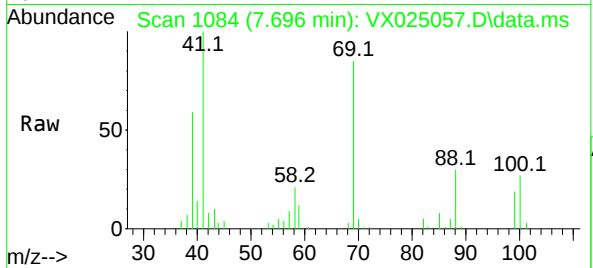
#45
1,4-Dioxane
Concen: 356.669 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 11414
Ion Ratio Lower Upper
88 100
43 31.7 25.3 37.9
58 74.8 53.1 79.7

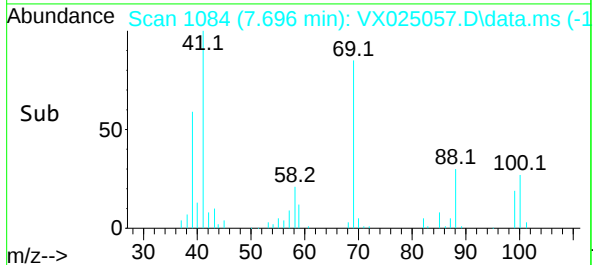
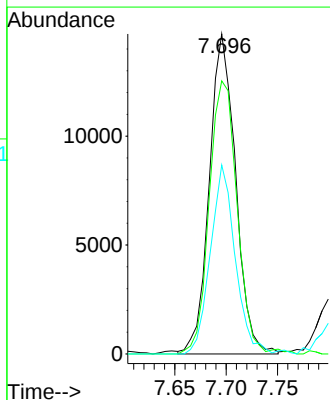
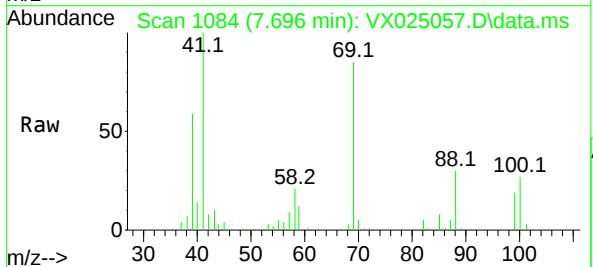
Manual Integrations
APPROVED

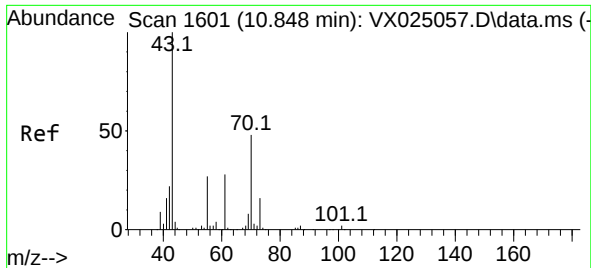
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
Methyl methacrylate
Concen: 17.362 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

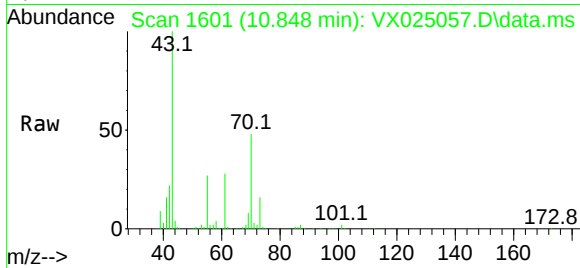
Tgt Ion: 41 Resp: 26109
Ion Ratio Lower Upper
41 100
69 85.9 39.5 118.5
39 59.5 29.0 87.1





#47
n-amy1 Acetate
Concen: 15.947 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

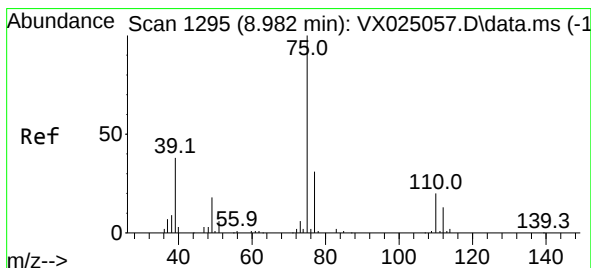
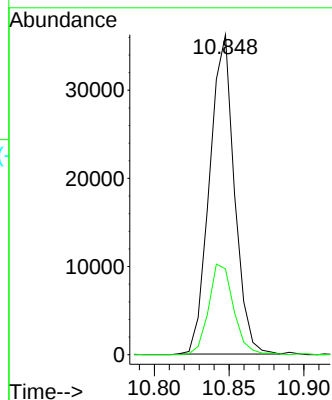
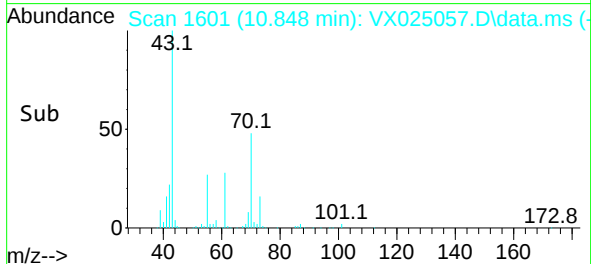
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



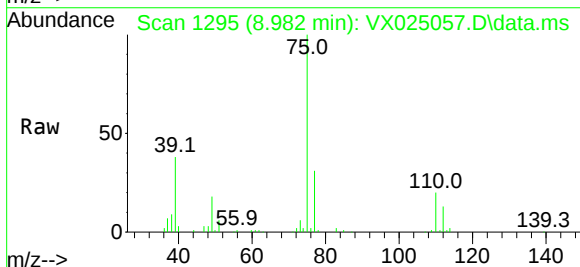
Tgt Ion: 43 Resp: 41728
Ion Ratio Lower Upper
43 100
55 28.6 18.9 28.3

Manual Integrations
APPROVED

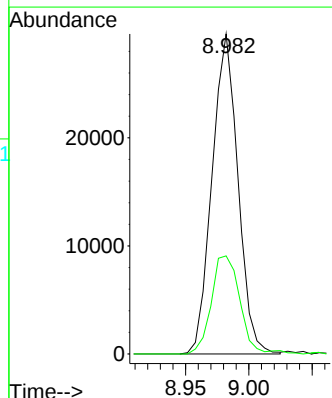
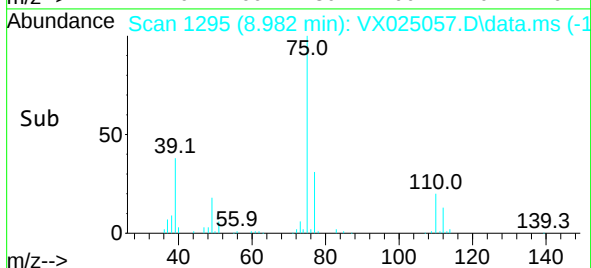
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

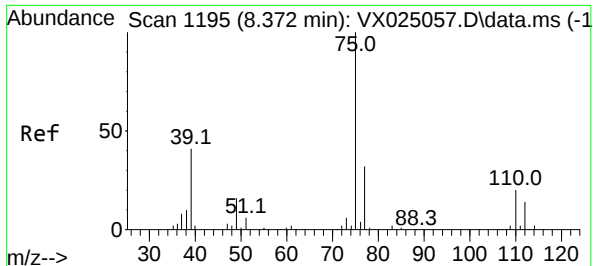


#48
t-1,3-Dichloropropene
Concen: 21.294 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion: 75 Resp: 42122
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 20.583 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

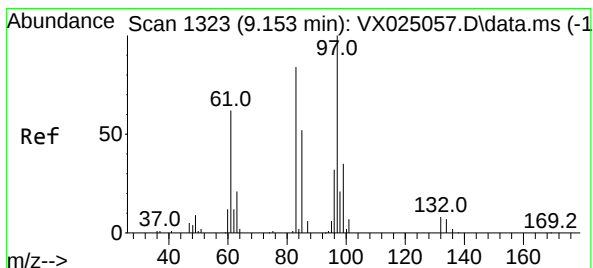
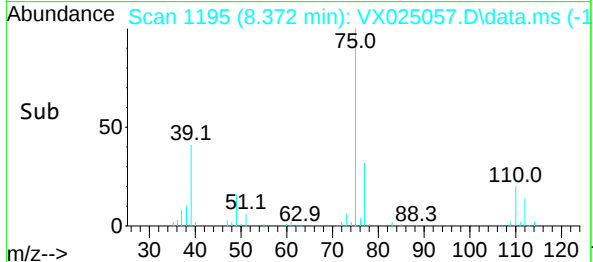
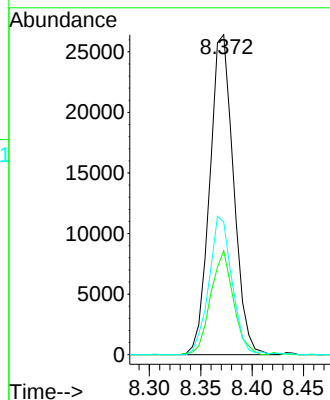
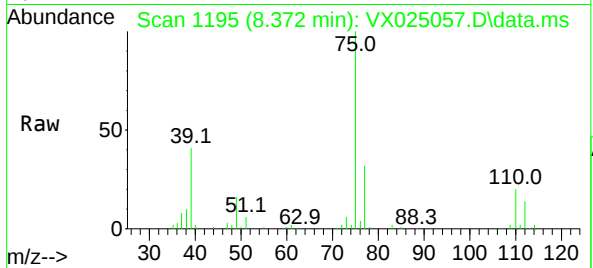
Tgt Ion: 75	Resp: 4256
Ion Ratio	Lower Upper
75	100
77	32.5 23.6 35.4
39	41.5 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 19.273 ug/l

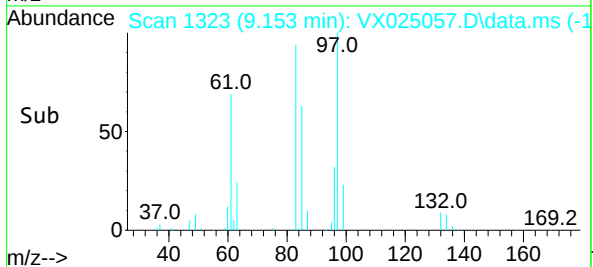
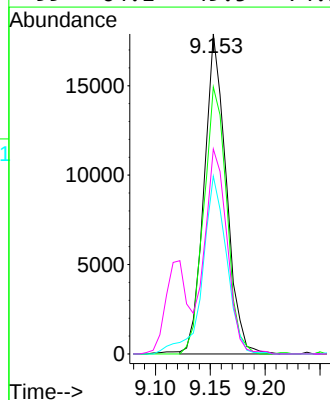
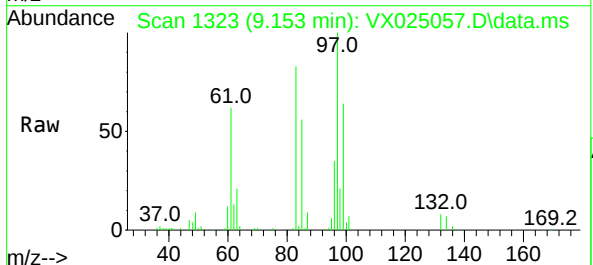
RT: 9.153 min Scan# 1323

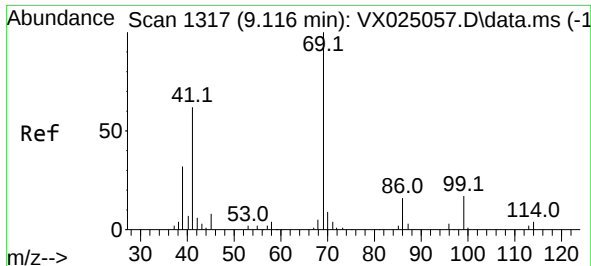
Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

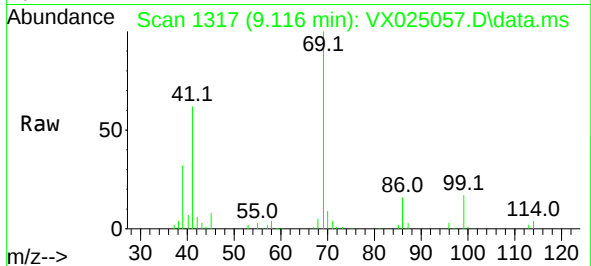
Tgt Ion: 97	Resp: 25129
Ion Ratio	Lower Upper
97	100
83	83.5 64.2 96.4
85	55.6 42.4 63.6
99	64.1 49.5 74.3





#51
Ethyl methacrylate
Concen: 19.419 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

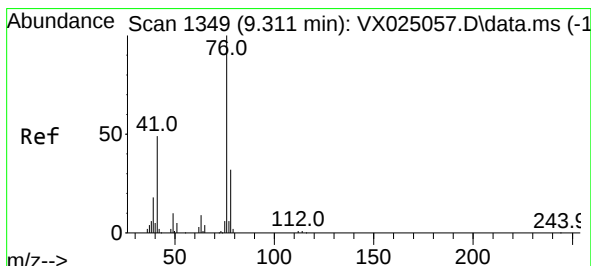
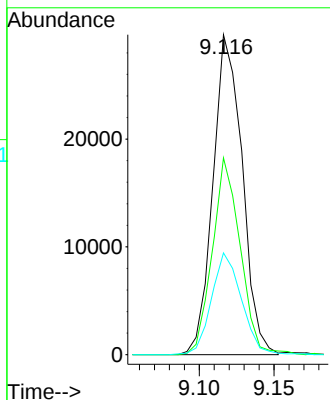
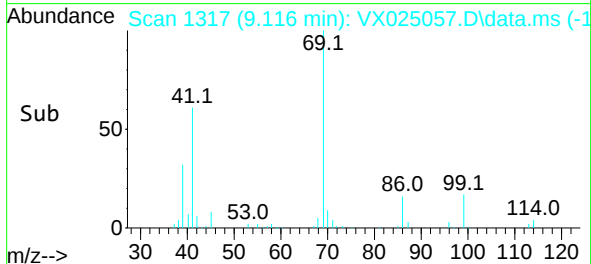
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



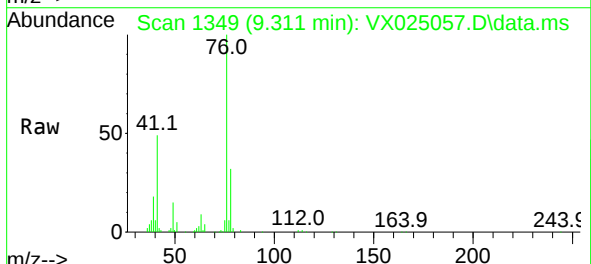
Tgt Ion: 69 Resp: 4035
Ion Ratio Lower Upper
69 100
41 61.5 35.8 107.3
39 31.6 20.3 60.8

Manual Integrations
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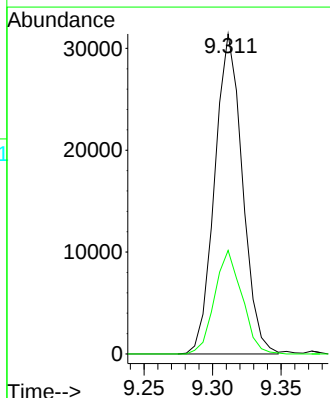
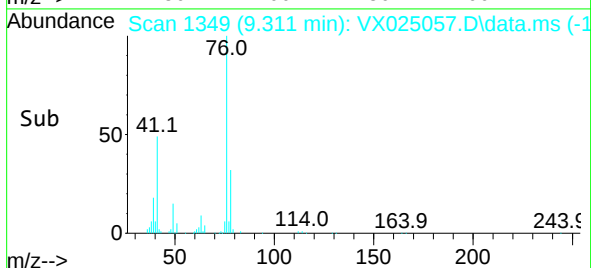
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

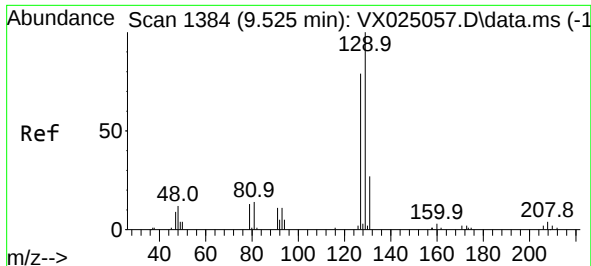


#52
1,3-Dichloropropane
Concen: 20.410 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



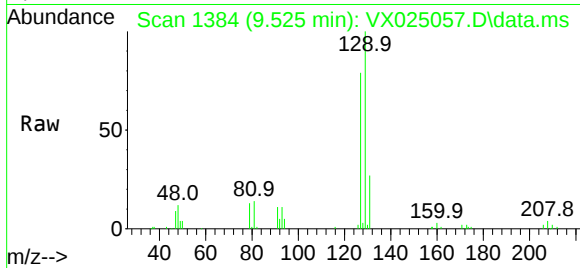
Tgt Ion: 76 Resp: 44179
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





#53
Dibromochloromethane
Concen: 20.842 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

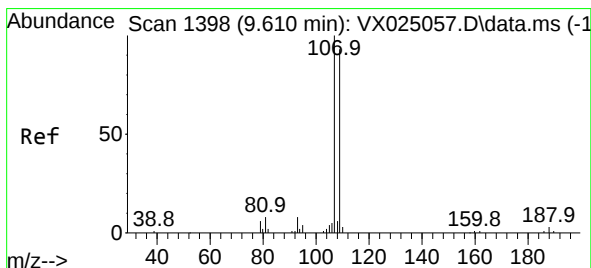
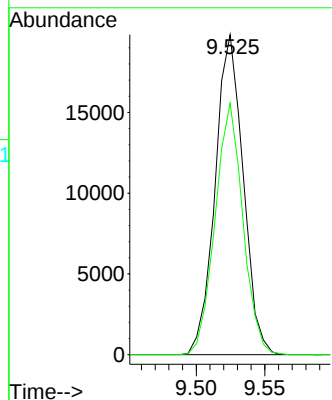
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 28188
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9

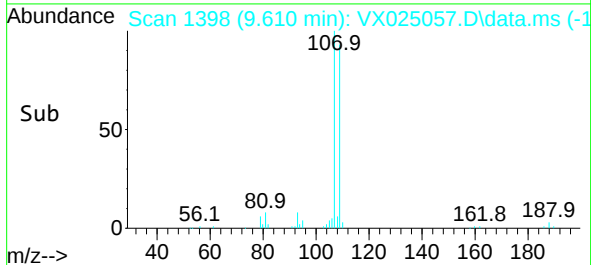
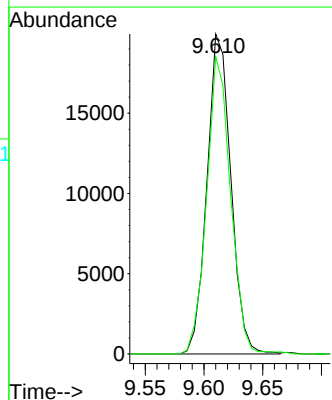
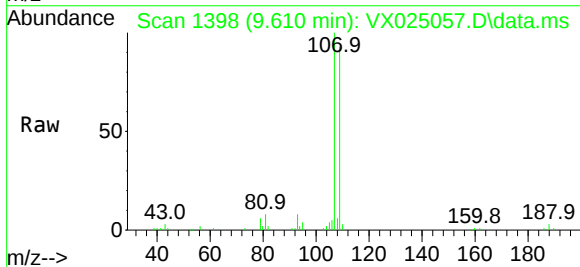
Manual Integrations
APPROVED

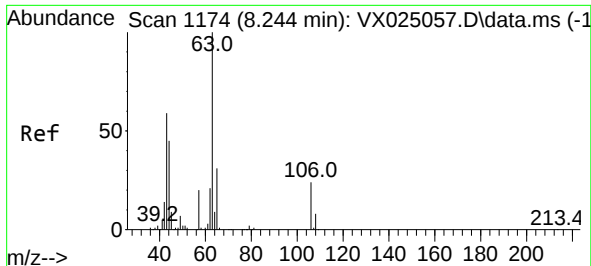
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#54
1,2-Dibromoethane
Concen: 20.225 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion:107 Resp: 28236
Ion Ratio Lower Upper
107 100
109 92.6 75.3 112.9





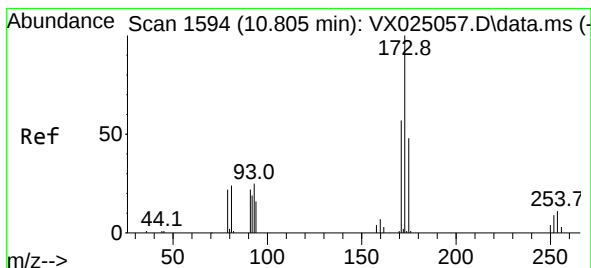
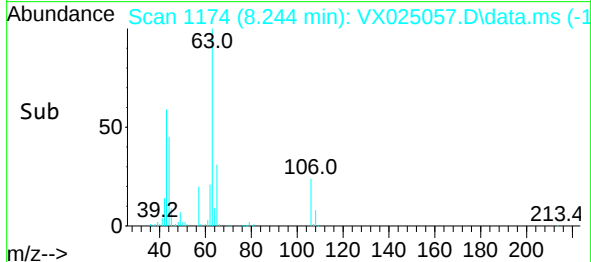
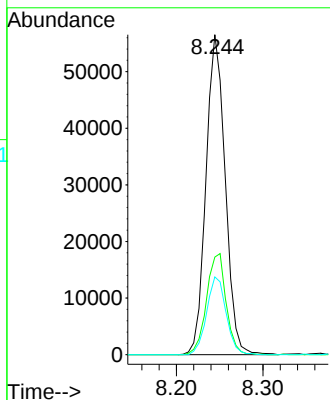
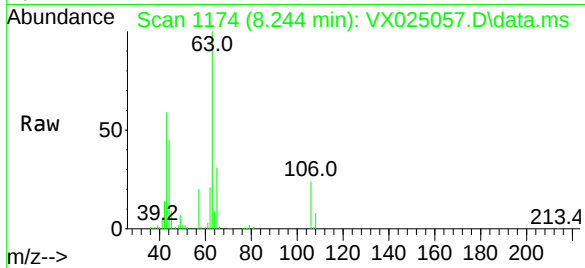
#55
2-Chloroethyl vinyl ether
Concen: 86.952 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 87248
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 24.7 21.8 32.8

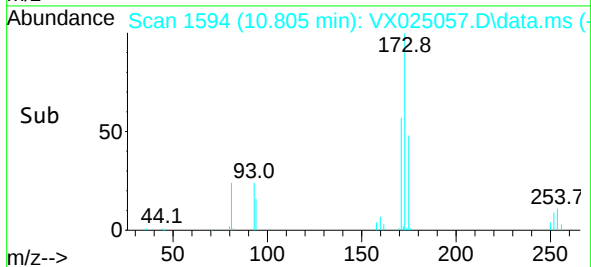
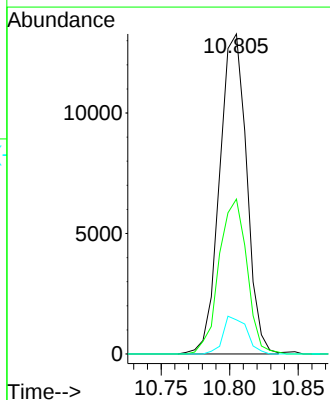
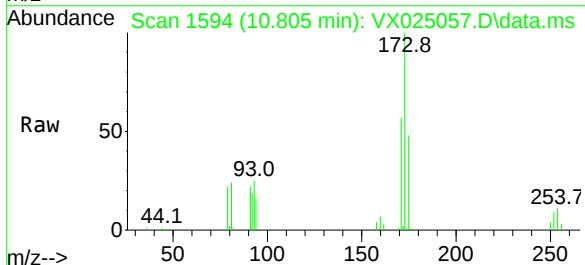
Manual Integrations
APPROVED

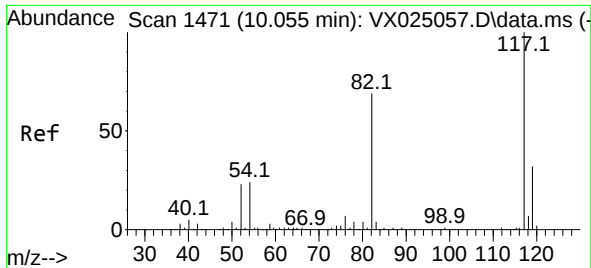
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#56
Bromoform
Concen: 19.195 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion:173 Resp: 18243
Ion Ratio Lower Upper
173 100
175 49.9 38.4 57.6
254 10.2 7.3 10.9





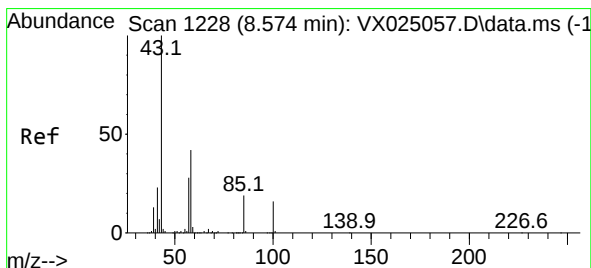
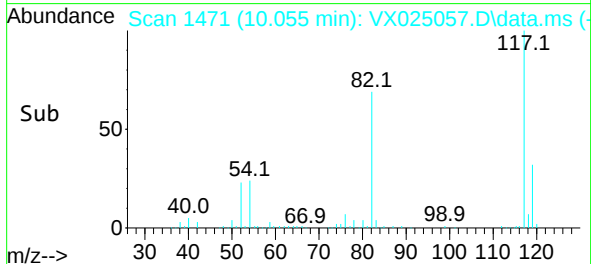
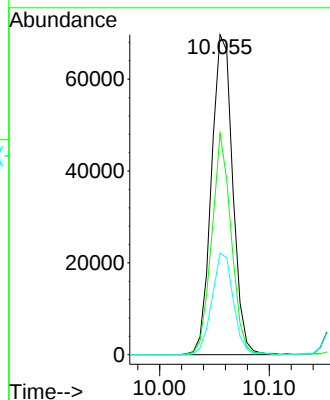
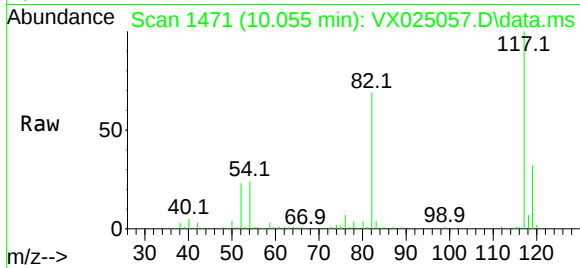
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 9380
Ion Ratio Lower Upper
117 100
82 63.6 45.0 67.4
119 31.7 26.2 39.2

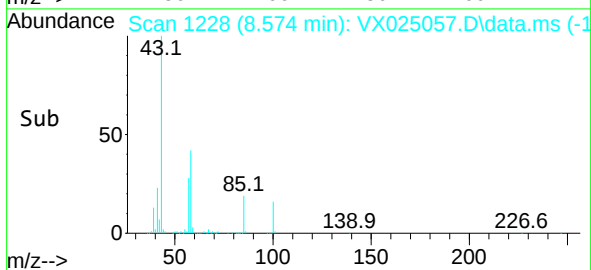
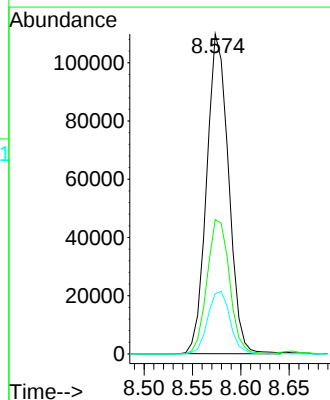
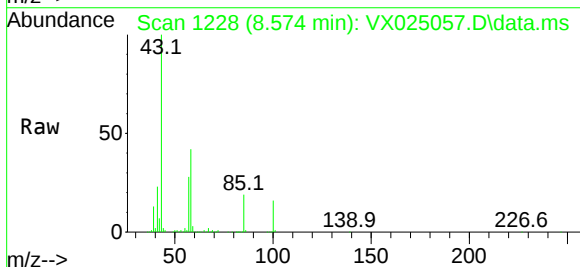
Manual Integrations
APPROVED

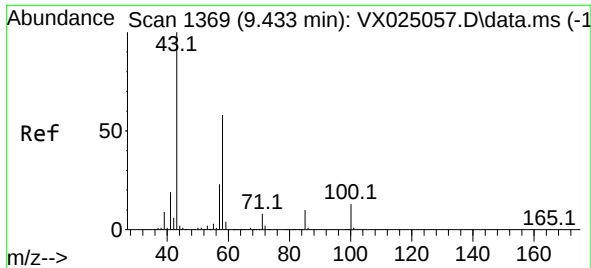
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 88.391 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

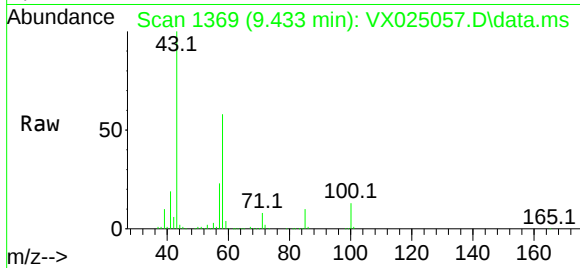
Tgt Ion: 43 Resp: 173237
Ion Ratio Lower Upper
43 100
58 43.1 30.5 45.7
85 20.0 14.0 21.0





#59
2-Hexanone
Concen: 88.044 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

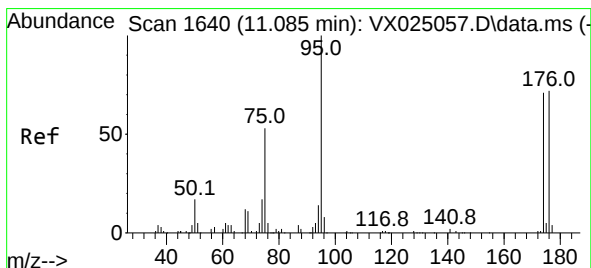
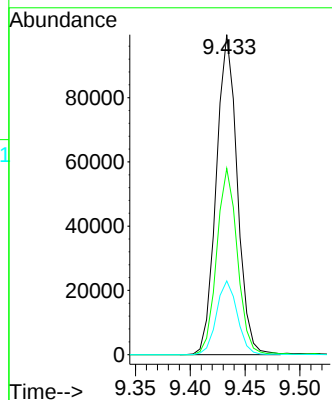
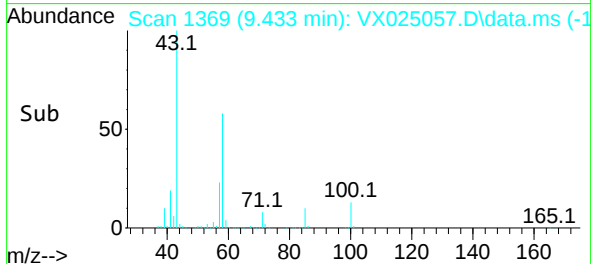
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 133095
Ion Ratio Lower Upper
43 100
58 56.8 42.1 63.1
57 22.8 14.9 22.3

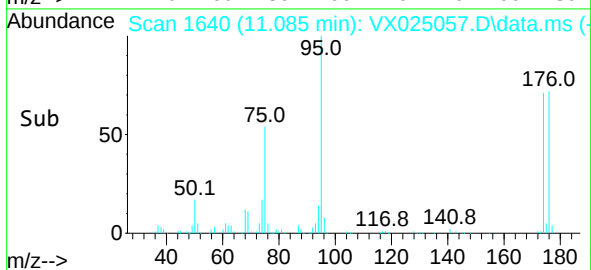
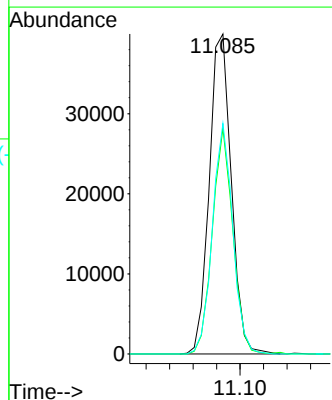
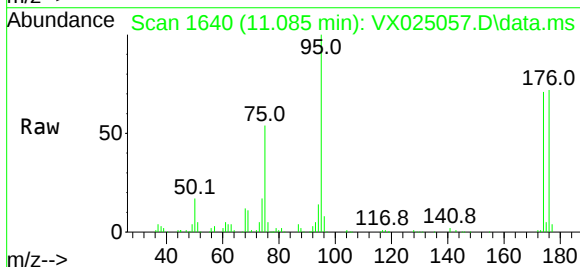
Manual Integrations
APPROVED

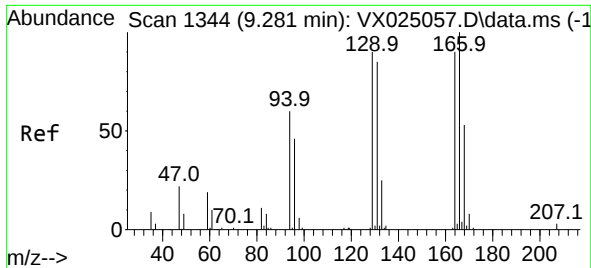
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
4-Bromofluorobenzene
Concen: 32.906 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

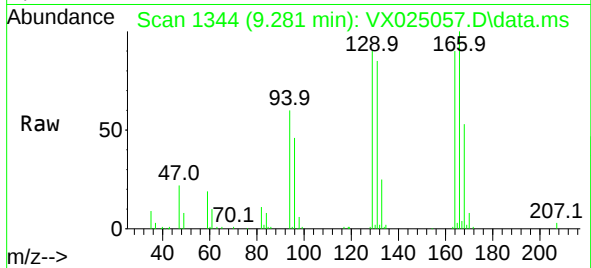
Tgt Ion: 95 Resp: 52130
Ion Ratio Lower Upper
95 100
174 65.3 63.5 95.3
176 66.7 63.0 94.4





#61
Tetrachloroethene
Concen: 18.406 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

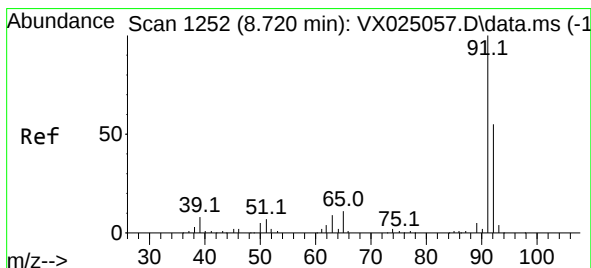
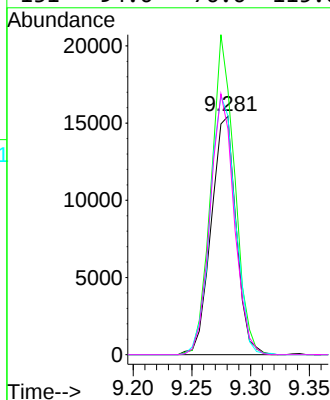
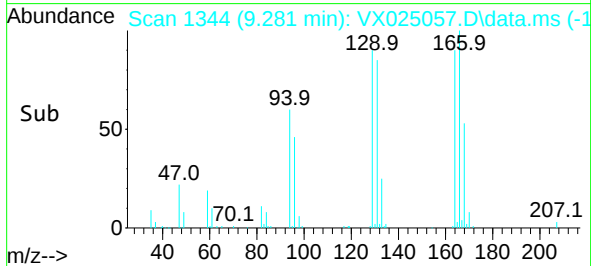
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 2275
Ion Ratio Lower Upper
164 100
166 111.0 98.6 147.8
129 100.2 79.7 119.5
131 94.6 76.6 115.0

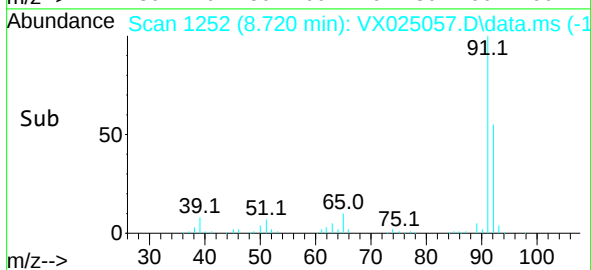
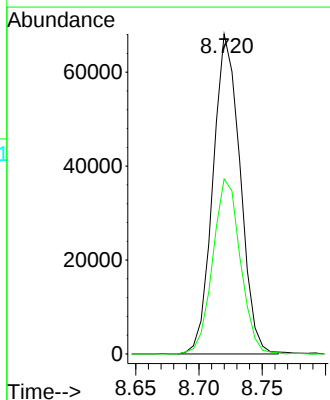
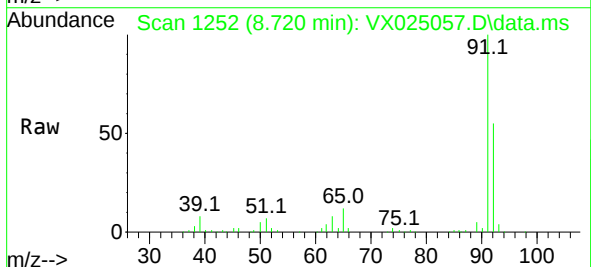
Manual Integrations
APPROVED

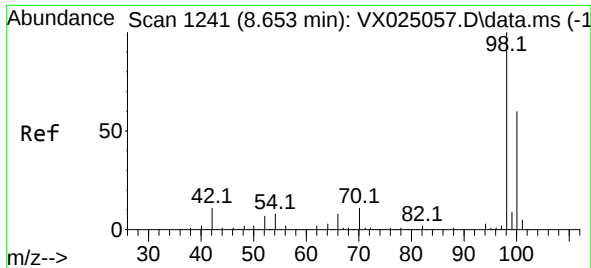
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Toluene
Concen: 19.263 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

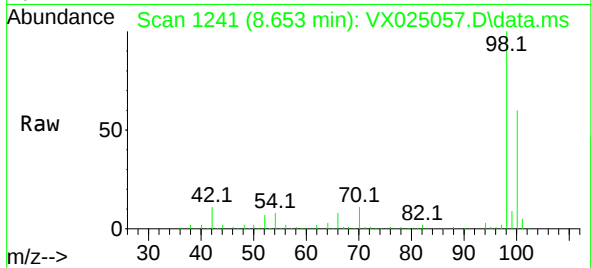
Tgt Ion: 91 Resp: 101517
Ion Ratio Lower Upper
91 100
92 55.5 46.5 69.7





#63
Toluene-d8
Concen: 31.105 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

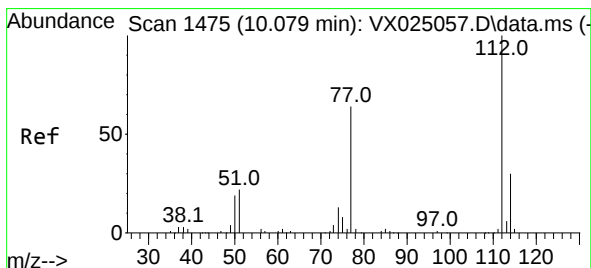
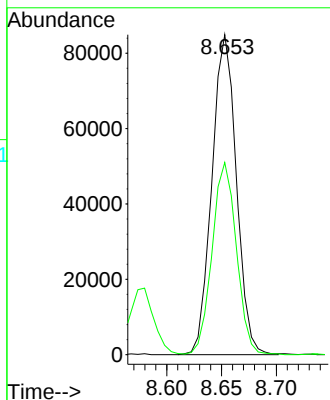
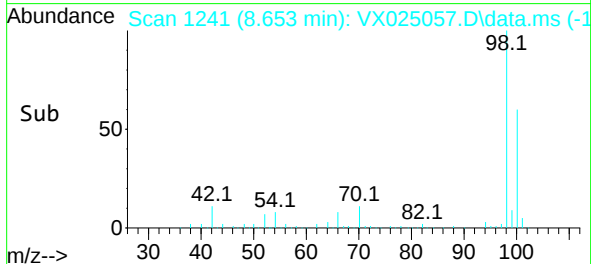
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



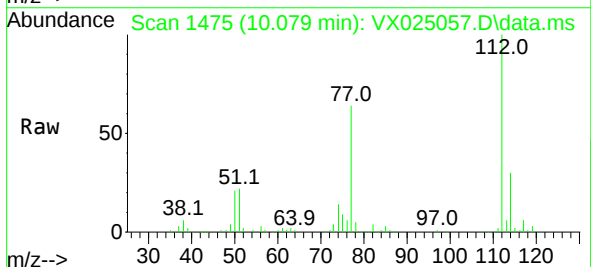
Tgt Ion: 98 Resp: 131900
Ion Ratio Lower Upper
98 100
100 59.7 51.4 77.0

Manual Integrations
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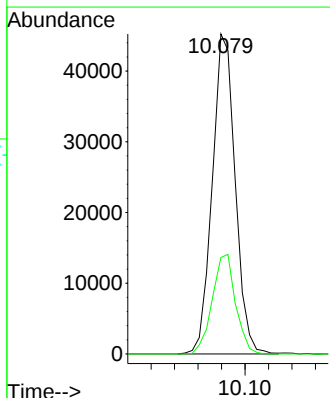
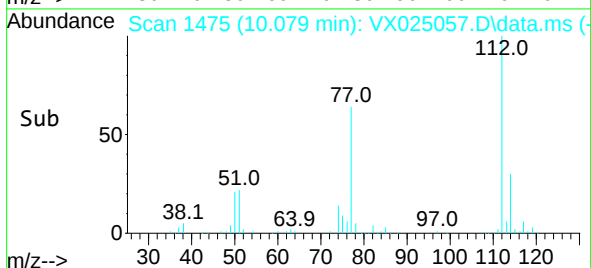
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

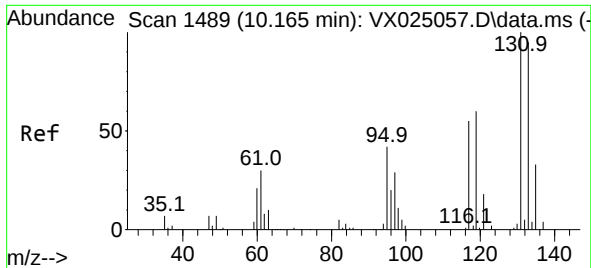


#64
Chlorobenzene
Concen: 18.513 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion:112 Resp: 61276
Ion Ratio Lower Upper
112 100
114 30.1 26.0 39.0





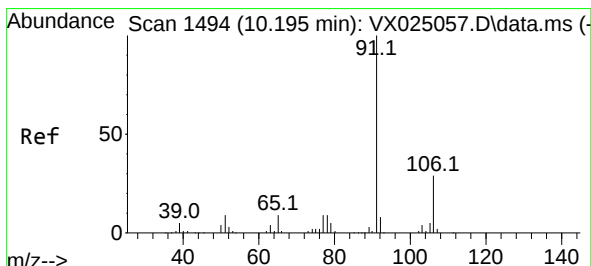
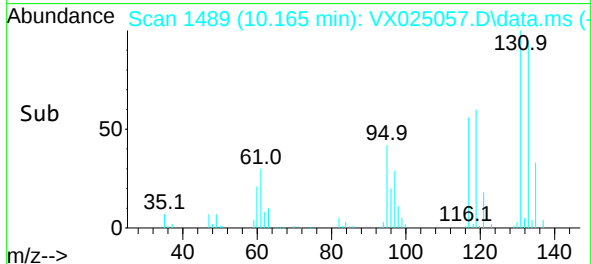
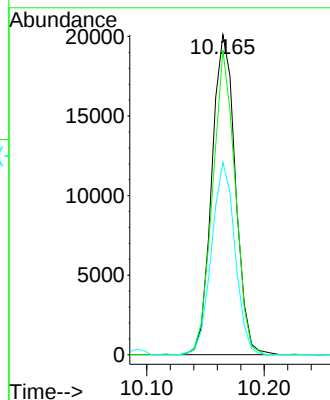
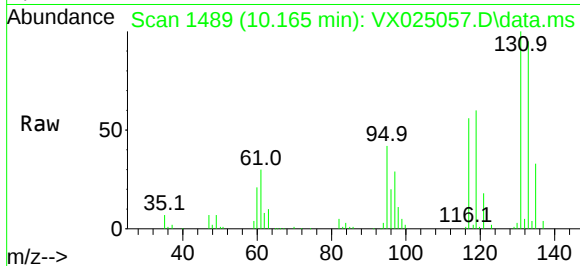
#65
1,1,1,2-Tetrachloroethane
Concen: 21.781 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 27985
Ion Ratio Lower Upper
131 100
133 91.2 0.0 191.2
119 59.7 0.0 133.2

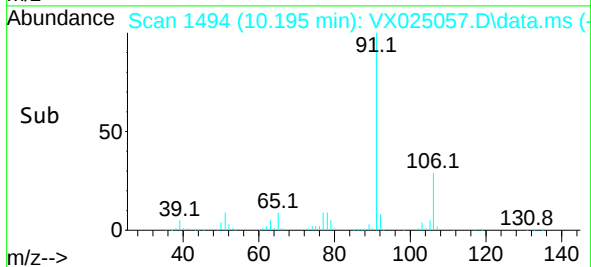
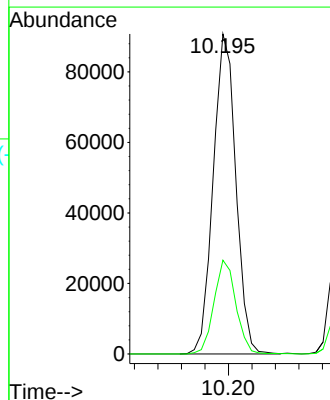
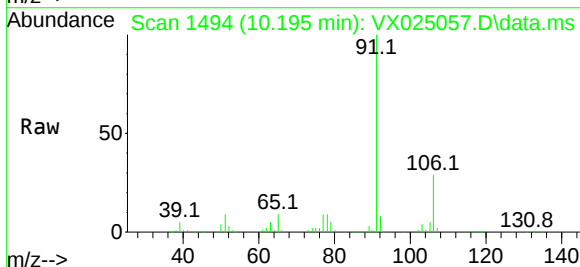
Manual Integrations
APPROVED

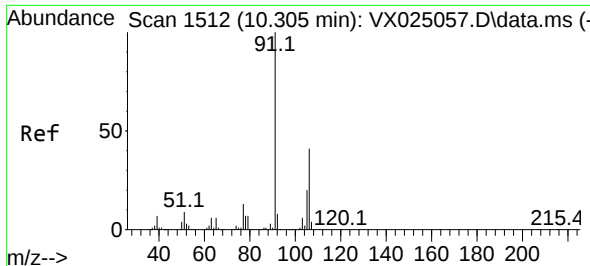
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 20.412 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

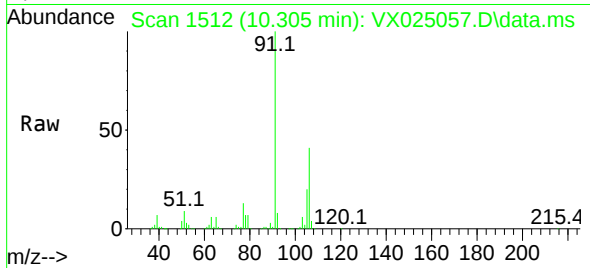
Tgt Ion: 91 Resp: 121453
Ion Ratio Lower Upper
91 100
106 29.3 24.7 37.1





#67
m/p-Xylenes
Concen: 36.420 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

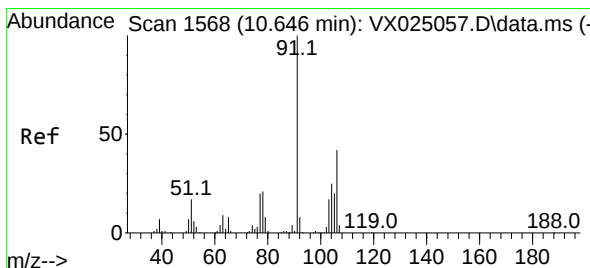
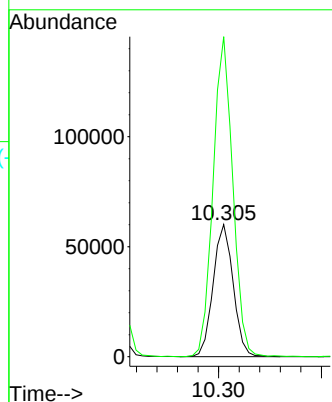
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:106 Resp: 8139
Ion Ratio Lower Upper
106 100
91 237.6 162.4 243.6

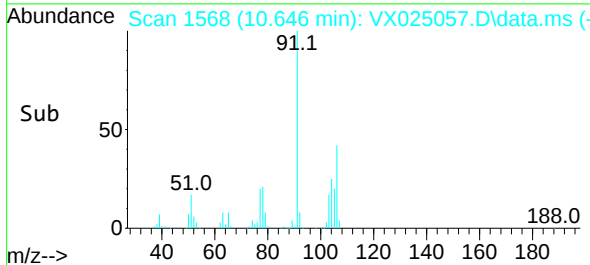
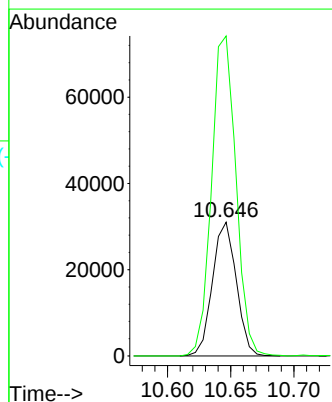
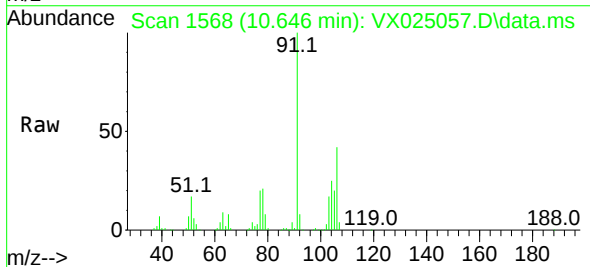
Manual Integrations
APPROVED

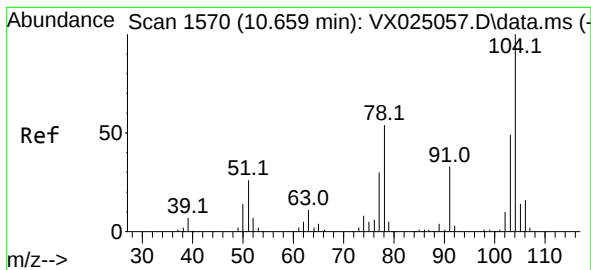
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 18.391 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion:106 Resp: 40677
Ion Ratio Lower Upper
106 100
91 244.8 107.3 321.8





#69

Styrene

Concen: 18.309 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

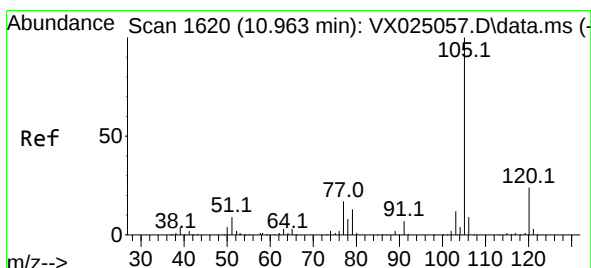
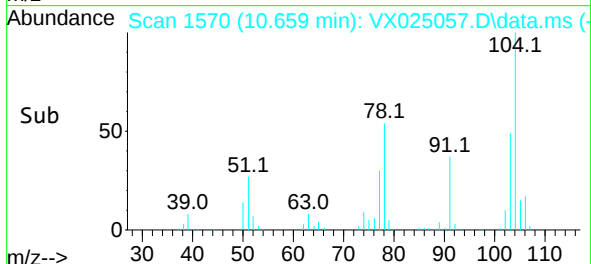
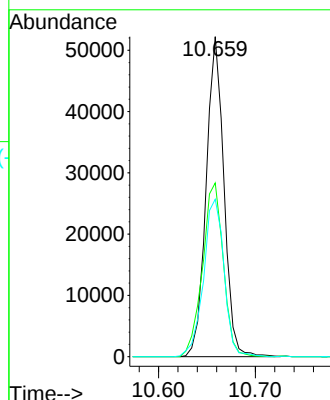
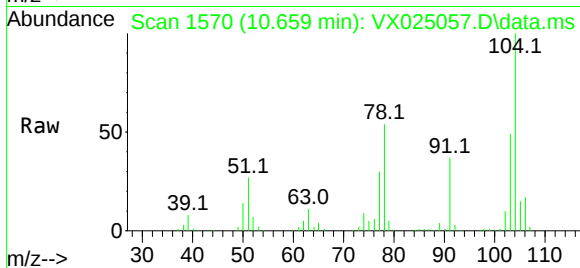
Tgt Ion:104 Resp: 66892
 Ion Ratio Lower Upper
 104 100
 78 63.3 41.4 62.0
 103 56.5 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#70

Isopropylbenzene

Concen: 19.792 ug/l

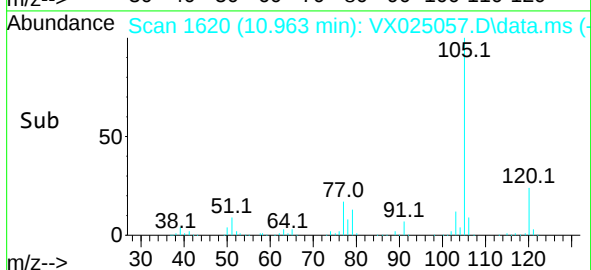
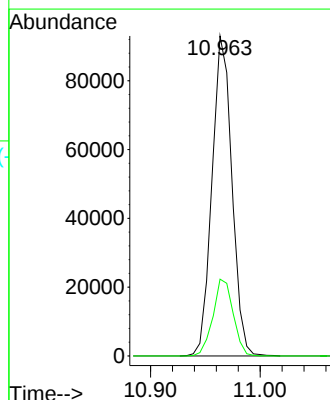
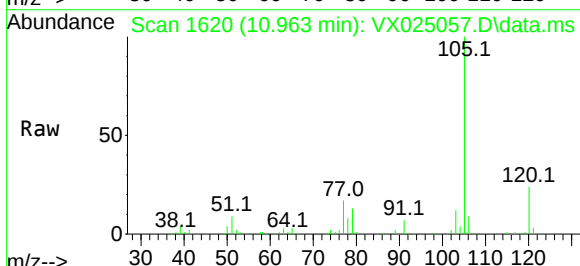
RT: 10.963 min Scan# 1620

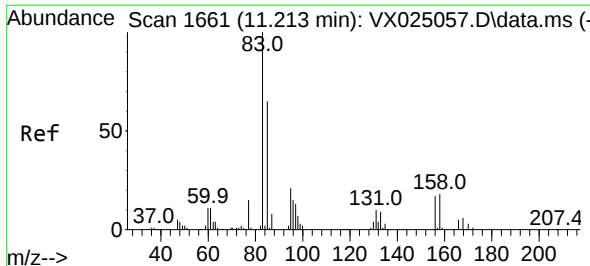
Delta R.T. 0.000 min

Lab File: VX025057.D

Acq: 03 Nov 2021 18:37

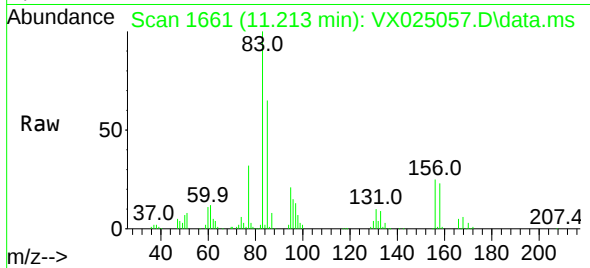
Tgt Ion:105 Resp: 117398
 Ion Ratio Lower Upper
 105 100
 120 24.4 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.659 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

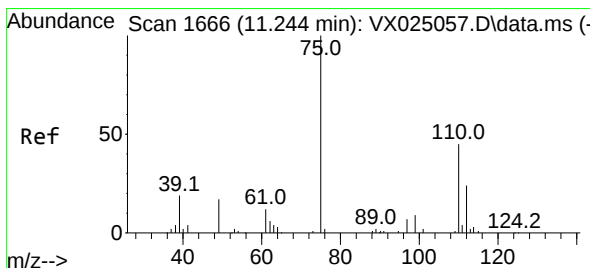
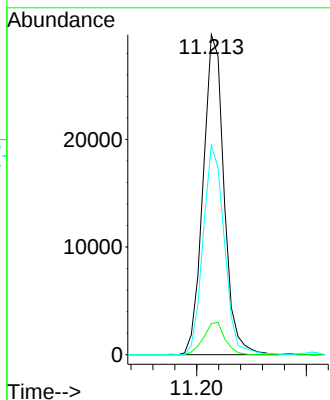
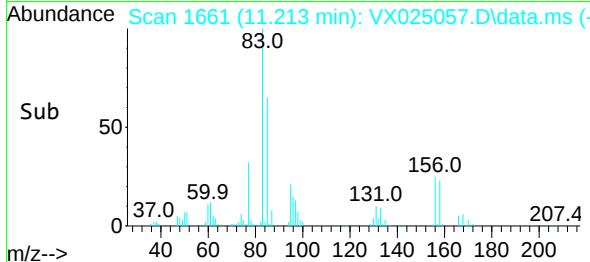
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 3922
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 66.5 32.4 97.2

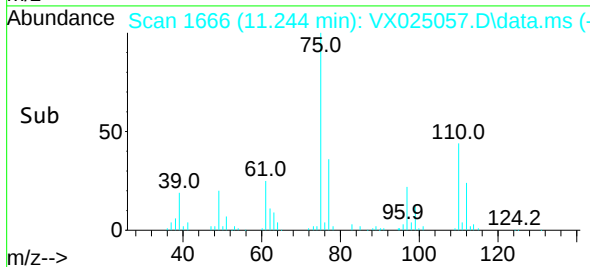
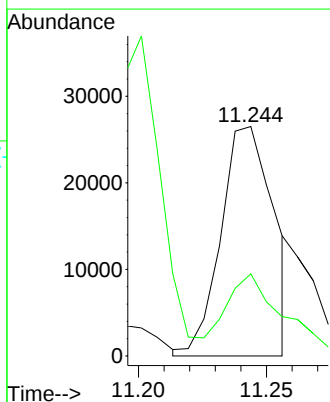
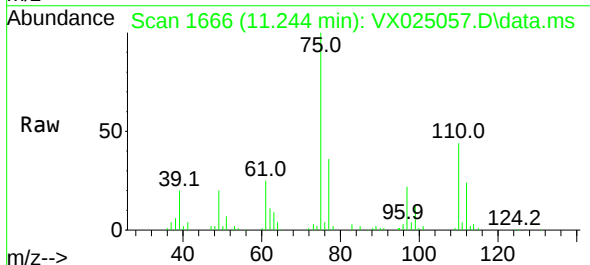
Manual Integrations
APPROVED

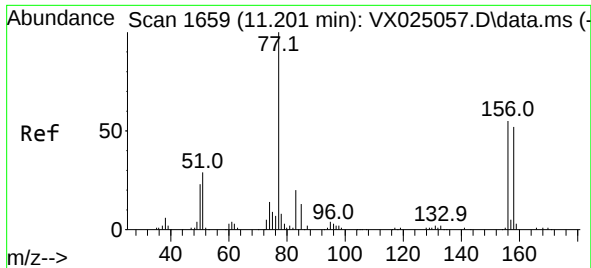
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichloropropane
Concen: 21.278 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

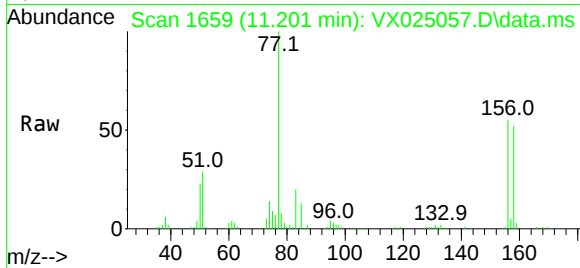
Tgt Ion: 75 Resp: 38041
Ion Ratio Lower Upper
75 100
77 39.6 0.0 77.4





#73
Bromobenzene
Concen: 18.117 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

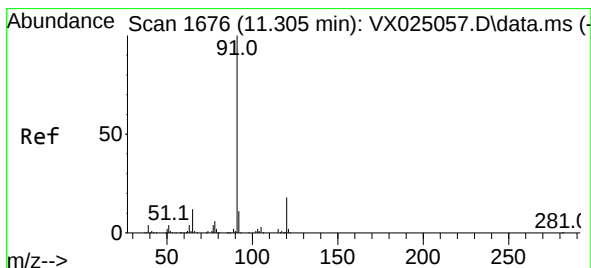
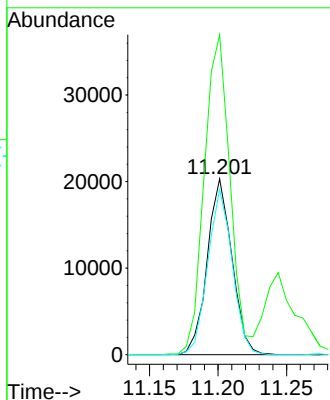
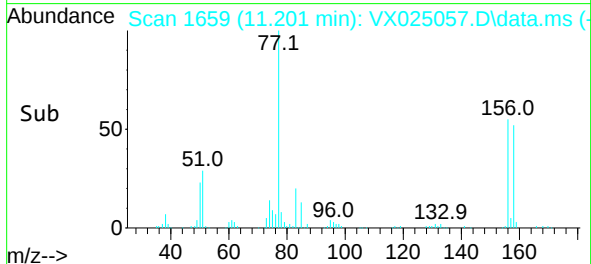
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



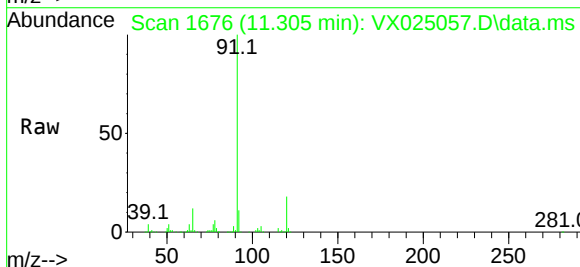
Tgt Ion:156 Resp: 25570
Ion Ratio Lower Upper
156 100
77 189.2 0.0 303.2
158 92.9 0.0 197.2

Manual Integrations
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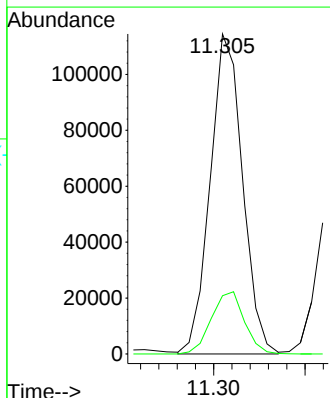
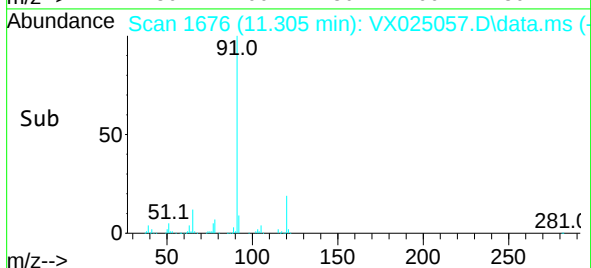
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

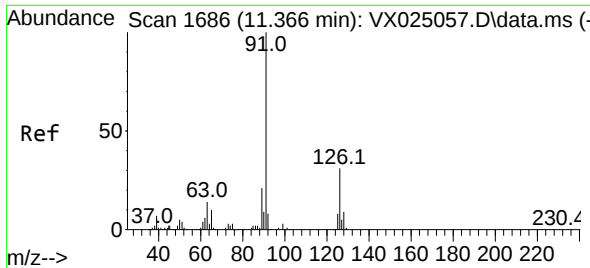


#74
n-propylbenzene
Concen: 20.336 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



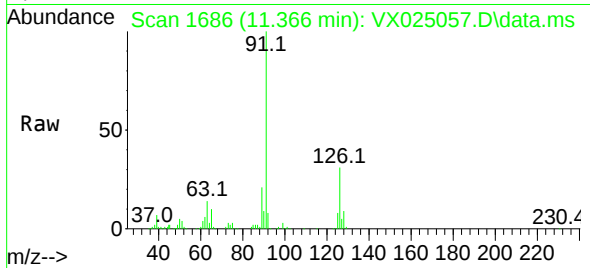
Tgt Ion: 91 Resp: 140805
Ion Ratio Lower Upper
91 100
120 19.8 0.0 46.0





#75
2-Chlorotoluene
Concen: 20.857 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

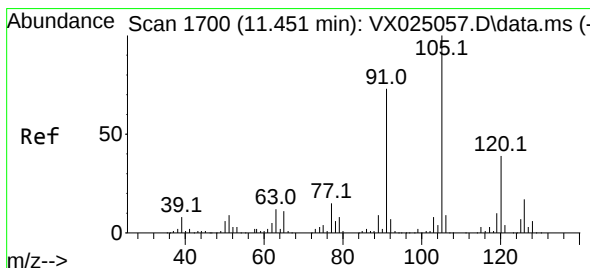
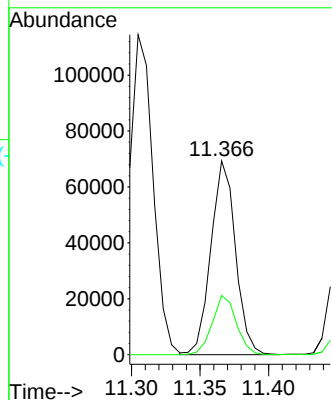
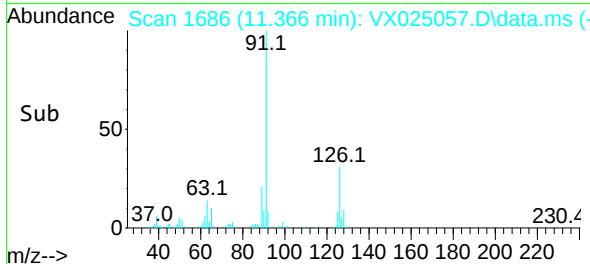
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



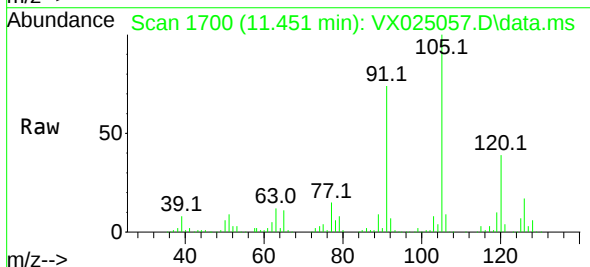
Tgt Ion: 91 Resp: 8669
Ion Ratio Lower Upper
91 100
126 29.8 0.0 69.0

Manual Integrations
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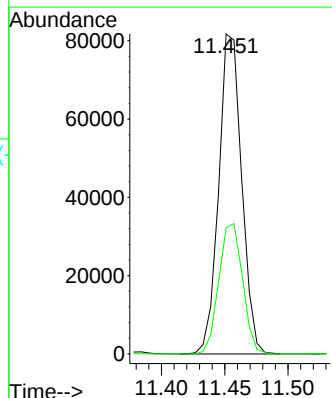
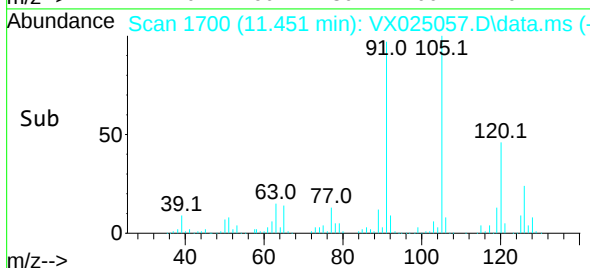
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

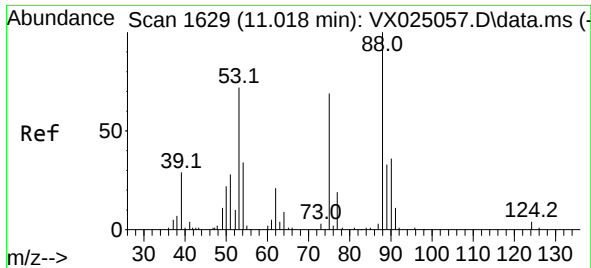


#76
1,3,5-Trimethylbenzene
Concen: 20.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



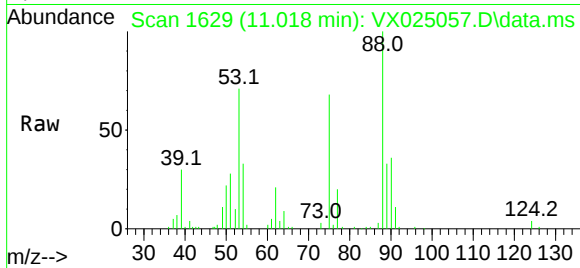
Tgt Ion:105 Resp: 102989
Ion Ratio Lower Upper
105 100
120 42.2 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.866 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

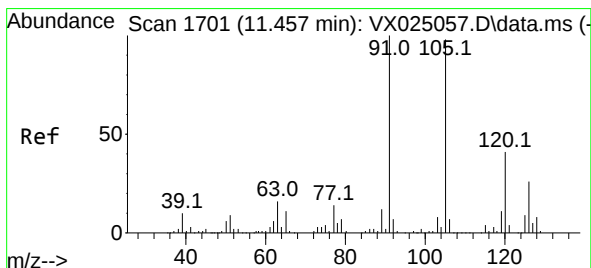
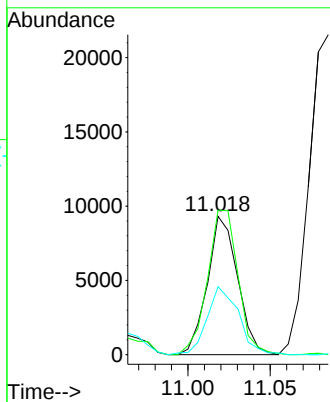
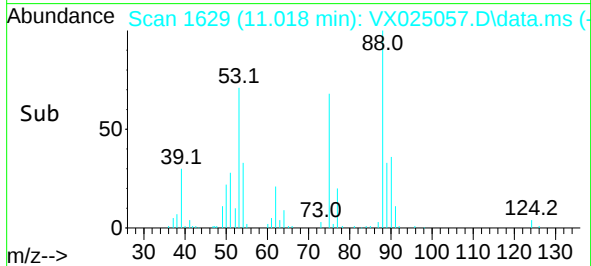
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 11919
Ion Ratio Lower Upper
75 100
53 104.4 53.9 161.7
89 47.8 22.9 68.7

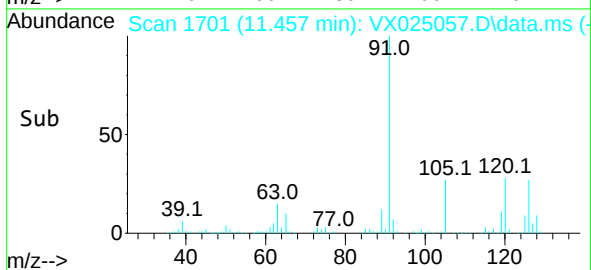
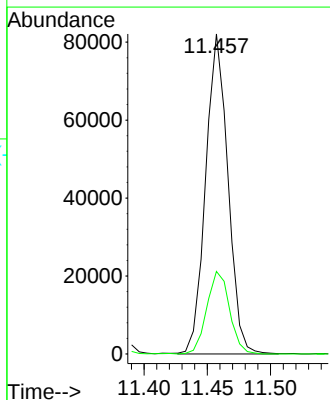
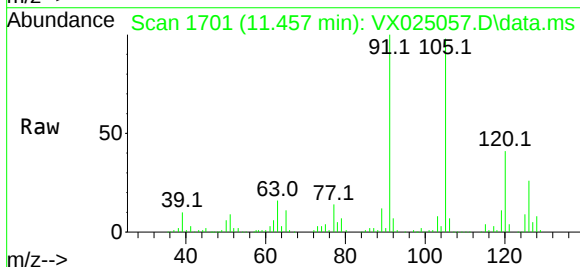
Manual Integrations
APPROVED

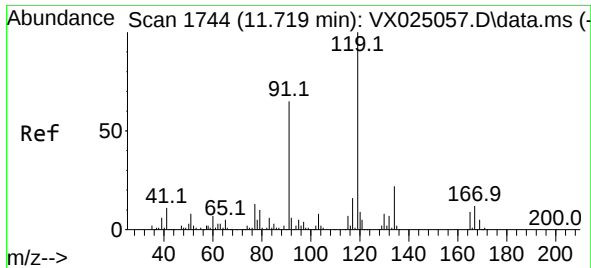
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
4-Chlorotoluene
Concen: 21.254 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion: 91 Resp: 100547
Ion Ratio Lower Upper
91 100
126 26.3 0.0 59.6





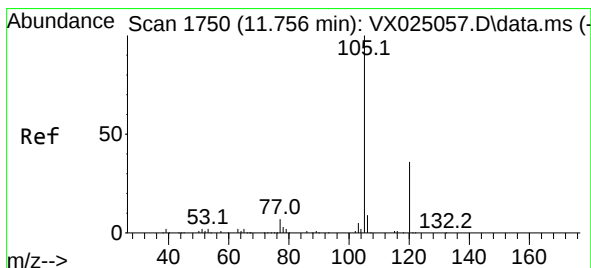
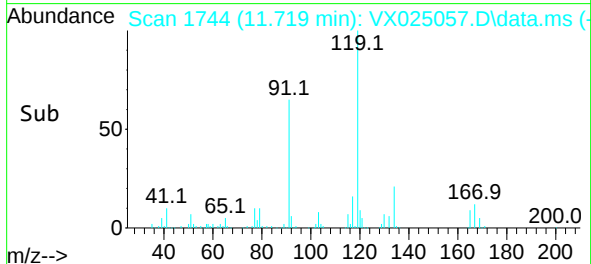
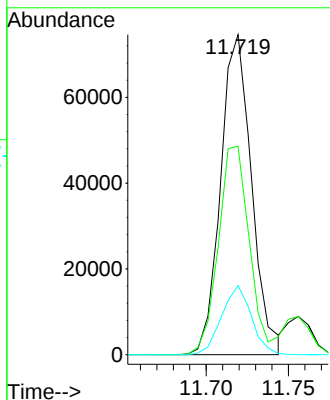
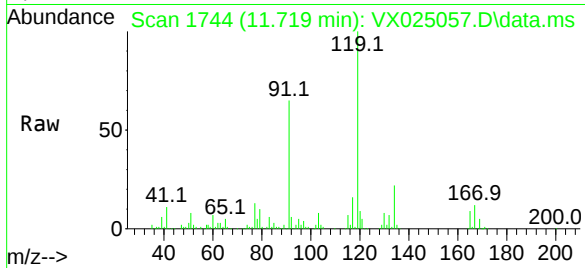
#79
tert-butylbenzene
Concen: 20.271 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 97549
Ion Ratio Lower Upper
119 100
91 64.8 0.0 121.2
134 20.8 0.0 47.4

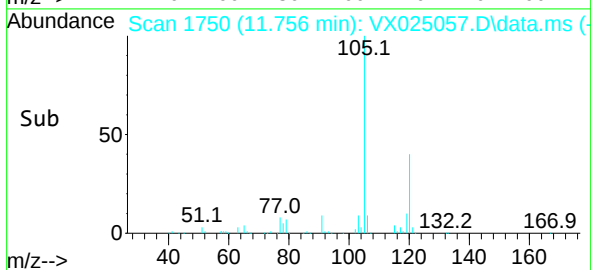
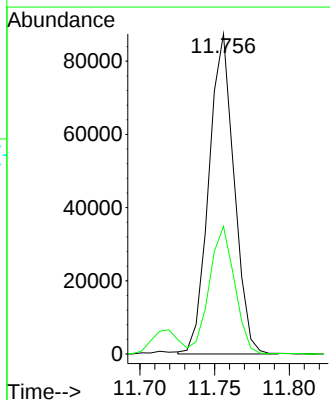
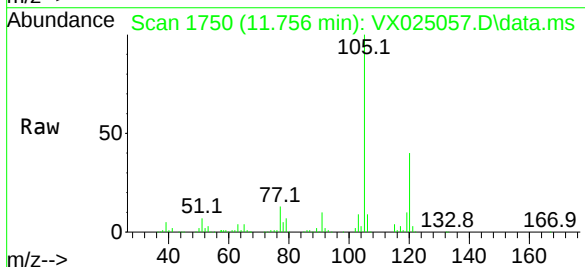
Manual Integrations
APPROVED

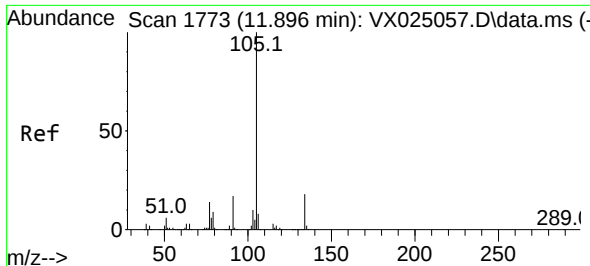
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.911 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

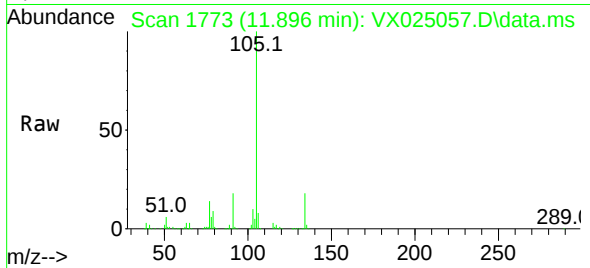
Tgt Ion:105 Resp: 102842
Ion Ratio Lower Upper
105 100
120 39.8 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.779 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX025057.D
 Acq: 03 Nov 2021 18:37

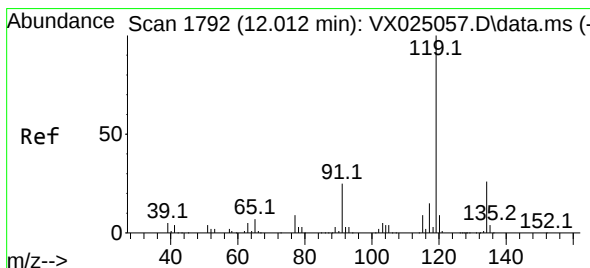
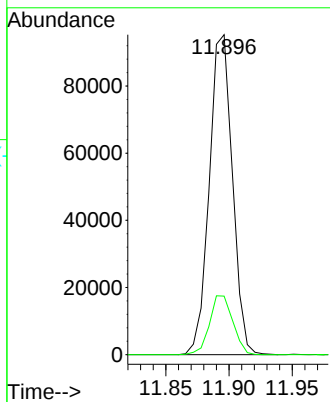
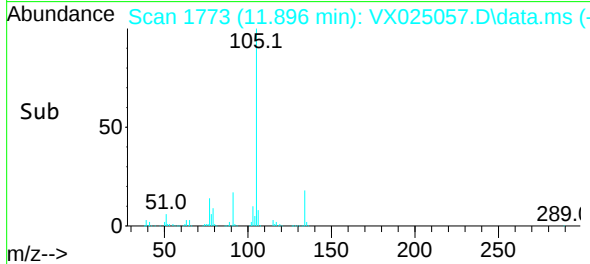
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



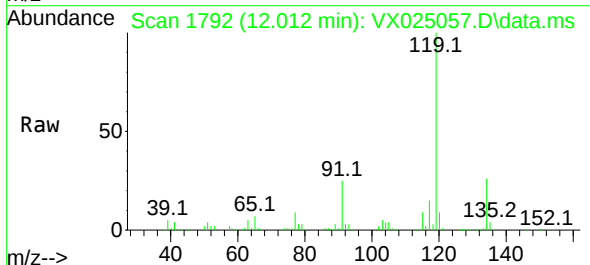
Tgt Ion:105 Resp: 121215
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 40.2

Manual Integrations
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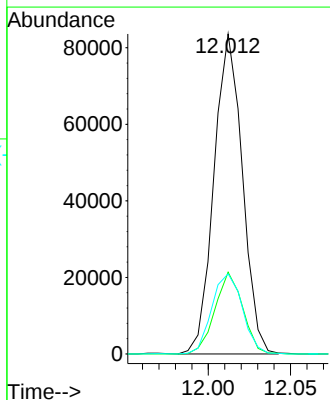
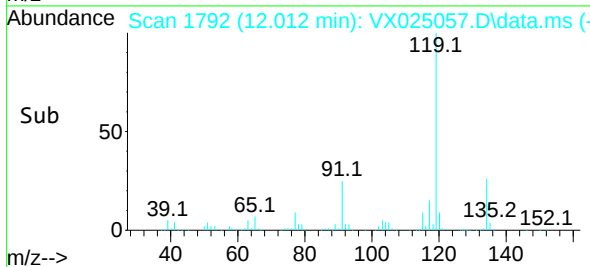
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021

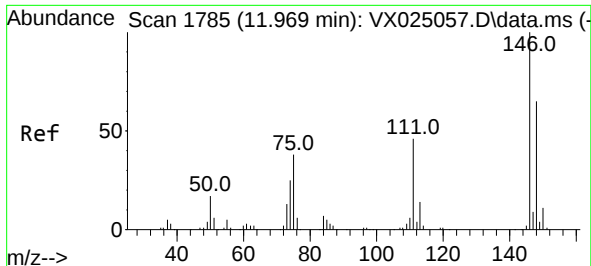


#82
 p-Isopropyltoluene
 Concen: 19.902 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025057.D
 Acq: 03 Nov 2021 18:37



Tgt Ion:119 Resp: 100406
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.8
 91 27.0 0.0 48.6





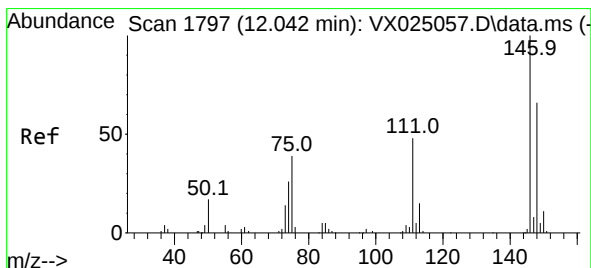
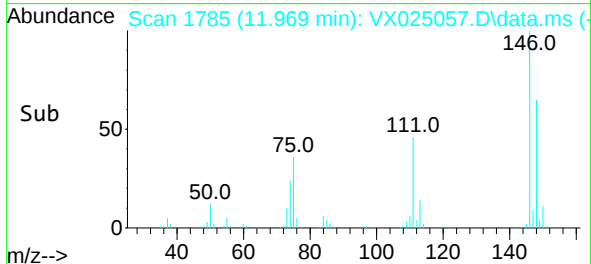
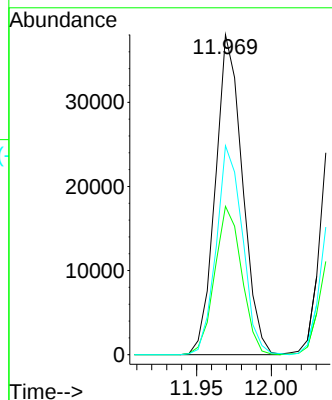
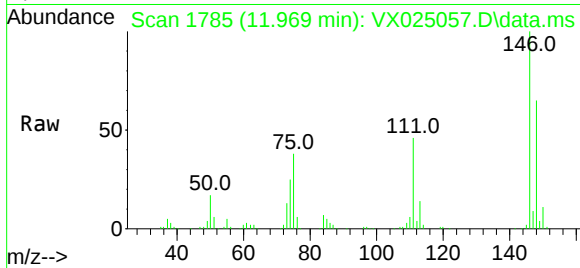
#83
1,3-Dichlorobenzene
Concen: 18.533 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 47784
Ion Ratio Lower Upper
146 100
111 46.2 20.1 60.2
148 63.5 31.9 95.5

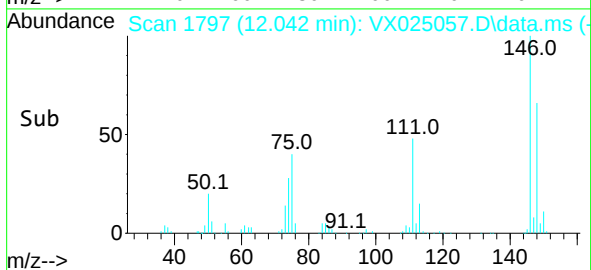
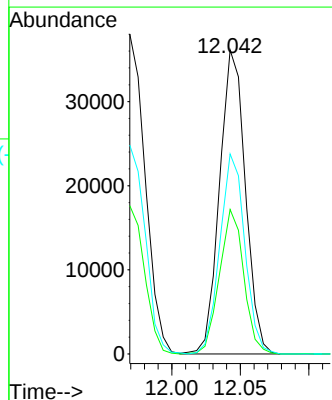
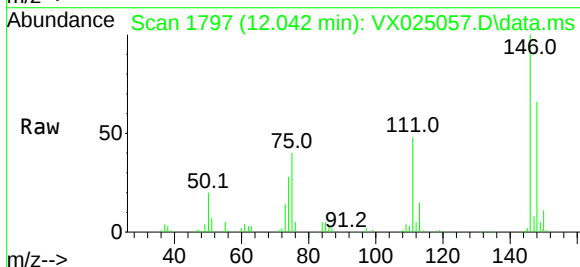
Manual Integrations
APPROVED

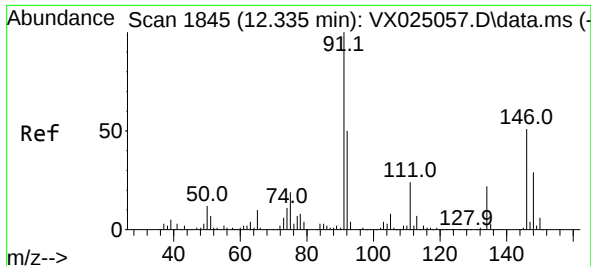
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#84
1,4-Dichlorobenzene
Concen: 18.520 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

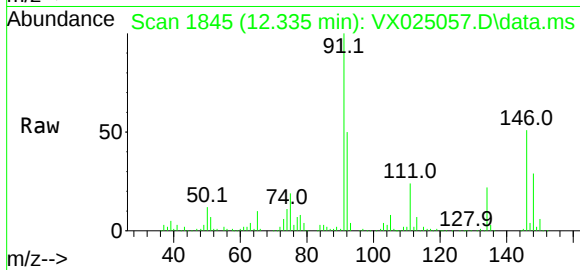
Tgt Ion:146 Resp: 47284
Ion Ratio Lower Upper
146 100
111 44.8 18.9 56.9
148 63.7 31.4 94.2





#85
n-Butylbenzene
Concen: 19.948 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

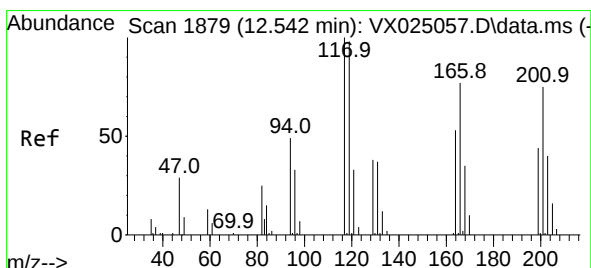
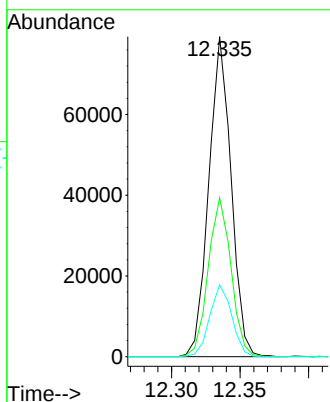
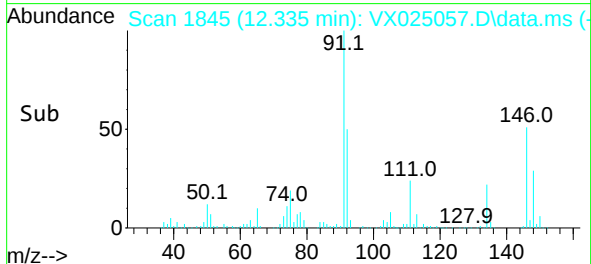
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 89550
Ion Ratio Lower Upper
91 100
92 50.8 0.0 105.4
134 22.3 0.0 52.4

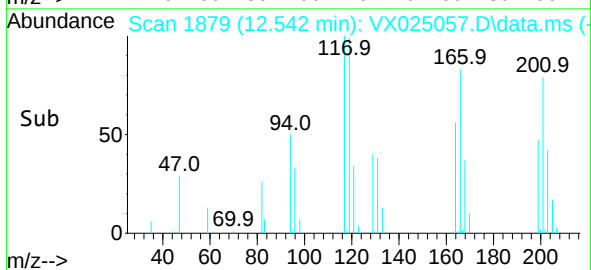
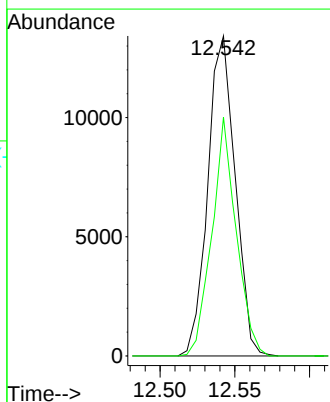
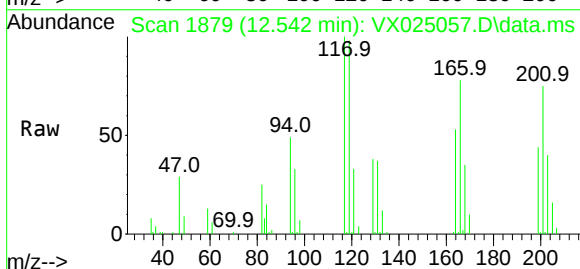
Manual Integrations
APPROVED

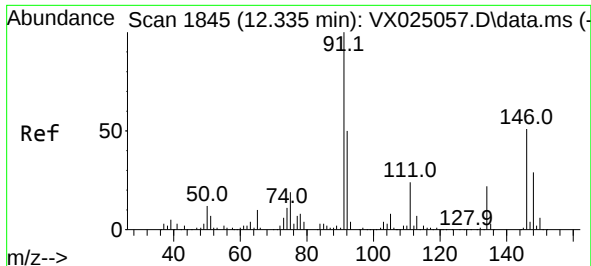
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#86
Hexachloroethane
Concen: 20.446 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

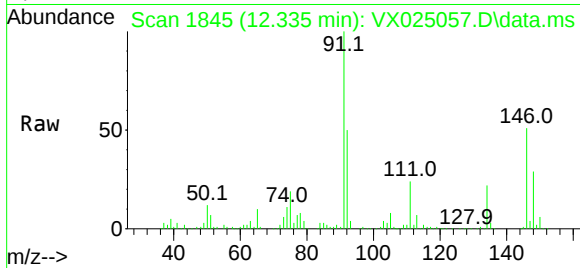
Tgt Ion:117 Resp: 17116
Ion Ratio Lower Upper
117 100
201 66.4 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 19.351 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

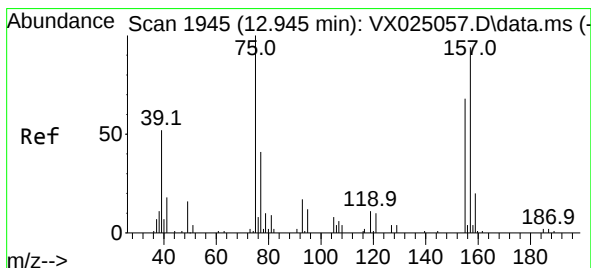
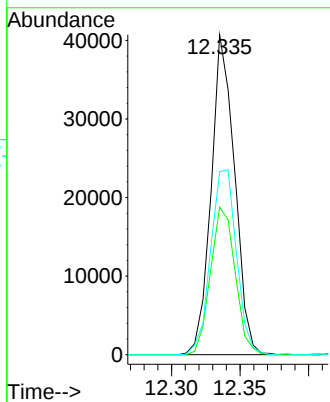
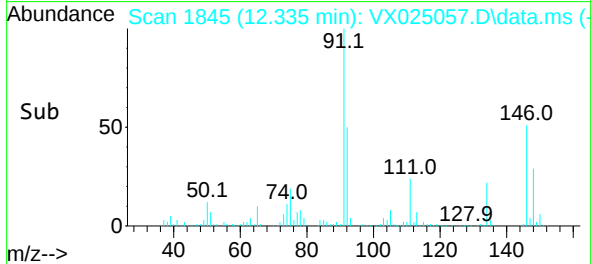
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 48452
Ion Ratio Lower Upper
146 100
111 48.4 20.7 62.1
148 63.8 32.6 97.8

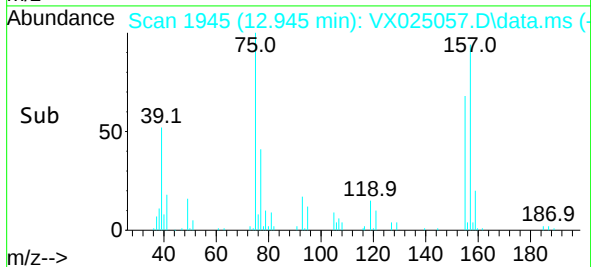
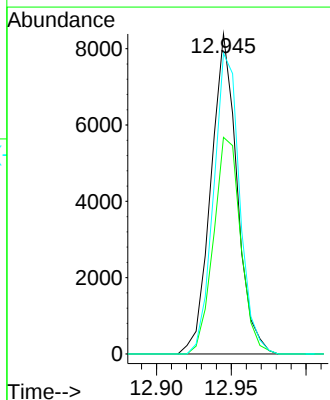
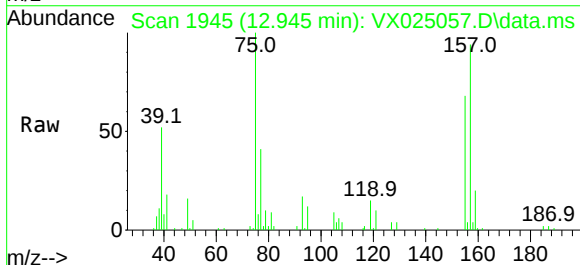
Manual Integrations
APPROVED

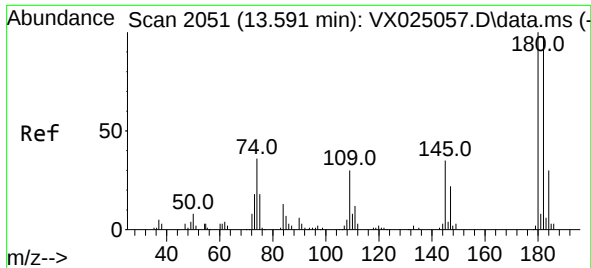
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 23.033 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Tgt Ion: 75 Resp: 10192
Ion Ratio Lower Upper
75 100
155 70.2 67.4 101.2
157 93.8 85.8 128.8





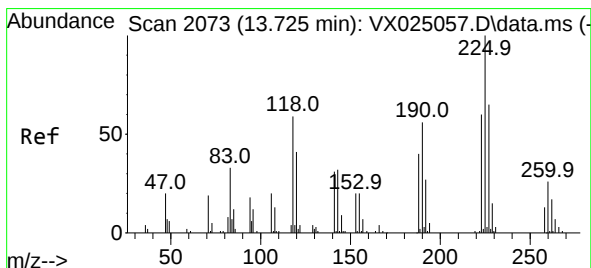
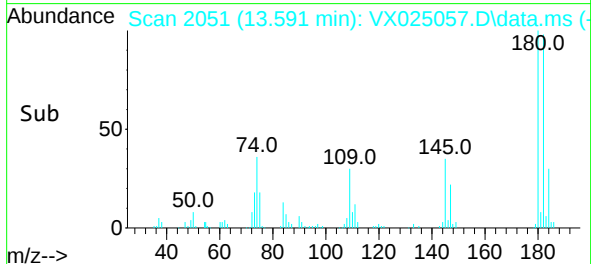
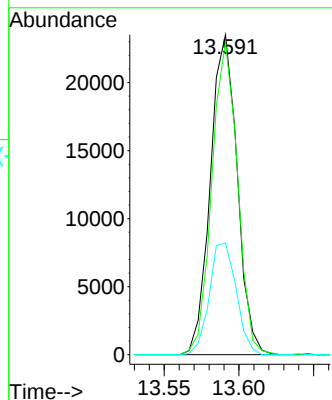
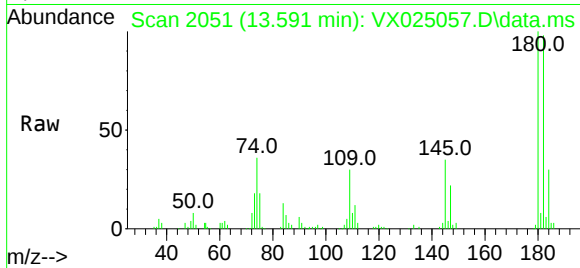
#89
1,2,4-Trichlorobenzene
Concen: 18.811 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:180 Resp: 2934
Ion Ratio Lower Upper
180 100
182 93.2 75.9 113.9
145 35.0 24.2 36.4

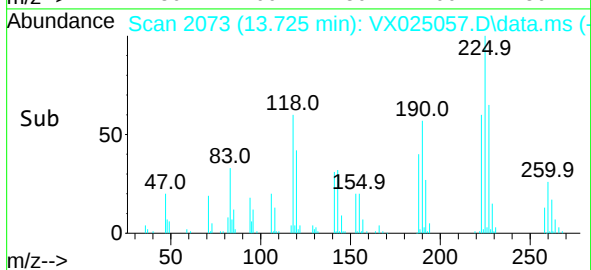
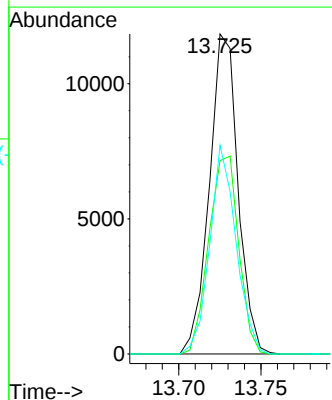
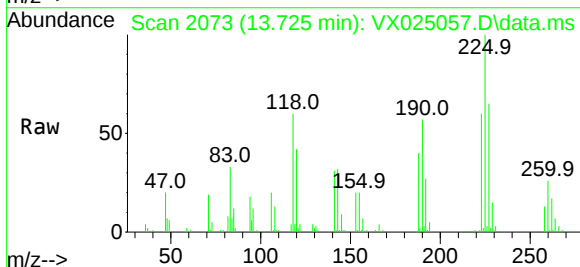
Manual Integrations
APPROVED

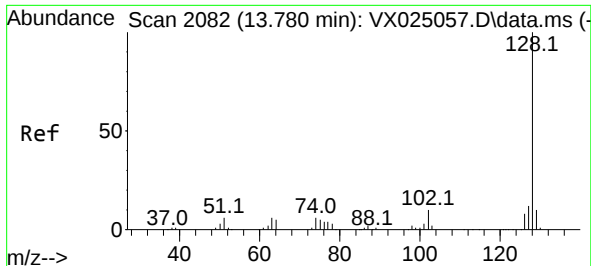
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachlorobutadiene
Concen: 20.352 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

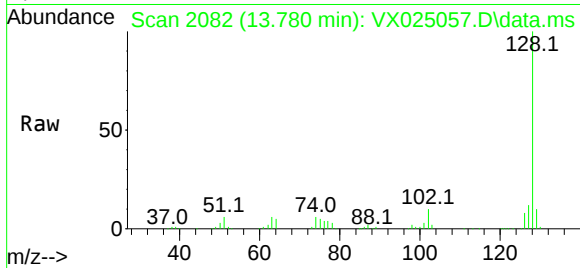
Tgt Ion:225 Resp: 14374
Ion Ratio Lower Upper
225 100
223 64.5 0.0 126.4
227 59.9 0.0 125.0





#91
Naphthalene
Concen: 18.567 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37

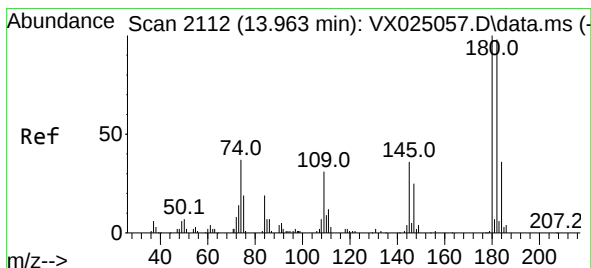
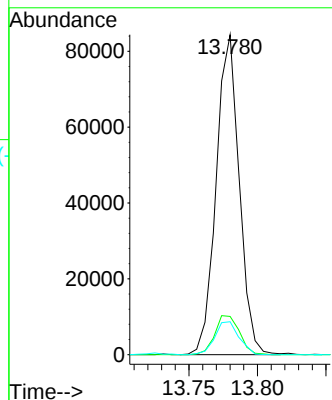
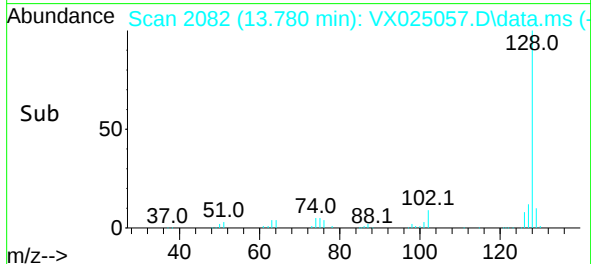
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



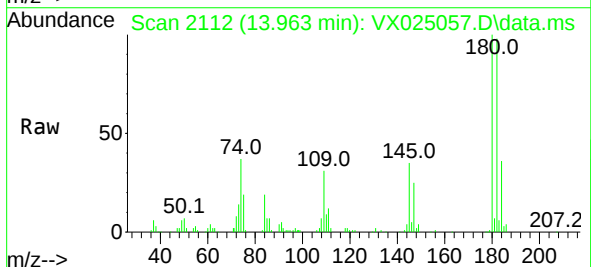
Tgt Ion:128 Resp: 98684
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2,3-Trichlorobenzene
Concen: 18.806 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025057.D
Acq: 03 Nov 2021 18:37



Tgt Ion:180 Resp: 29365
Ion Ratio Lower Upper
180 100
182 97.3 0.0 193.4
145 38.1 0.0 64.4

