

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025059.D
 Acq On : 03 Nov 2021 19:23
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 23:35:53 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	12637	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	70909	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	65527	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37649	36.760	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 122.533%#			
60) 4-Bromofluorobenzene	11.085	95	35104	31.722	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.733%			
63) Toluene-d8	8.653	98	89435	30.192	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	106143	131.569	ug/l	99
3) Chloromethane	1.288	50	53584	67.636	ug/l	100
4) Vinyl Chloride	1.374	62	63832	79.275	ug/l	97
5) Bromomethane	1.611	94	45562	92.092	ug/l	90
6) Chloroethane	1.685	64	34989	69.433	ug/l	96
7) Trichlorofluoromethane	1.886	101	151280	108.182	ug/l	90
8) Diethyl Ether	2.136	74	35000	75.393	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	76354	100.142	ug/l	98
10) 1,1-Dichloroethene	2.319	96	64837	89.328	ug/l	95
11) Methyl Iodide	2.459	142	86859	90.284	ug/l	91
12) Methyl Acetate	2.703	43	136191	117.473	ug/l	94
13) Acrolein	2.239	56	28242	256.473	ug/l	99
14) Acrylonitrile	3.068	53	192784	410.551	ug/l	93
15) Acetone	2.386	58	58099	418.236	ug/l	91
16) Carbon Disulfide	2.514	76	174347	96.628	ug/l	100
17) Allyl chloride	2.666	41	109575	83.909	ug/l	93
18) Methylene Chloride	2.794	84	76207	88.907	ug/l	89
19) trans-1,2-Dichloroethene	3.093	96	72086	92.292	ug/l	94
20) Diisopropyl ether	3.763	45	226563	85.460	ug/l	90
21) 1,1-Dichloroethane	3.611	63	150014	99.952	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	85637	94.055	ug/l	91
23) tert-Butyl Alcohol	3.014	59	110215m	487.605	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	280271	105.881	ug/l	92
25) Chloroform	5.099	83	172780	109.147	ug/l	100
26) Cyclohexane	5.477	56	119025	89.877	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	116763	101.878	ug/l	96
30) 2-Butanone	4.562	43	290068	405.983	ug/l	97
31) 2,2-Dichloropropane	4.483	77	144626	109.353	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	169203	119.132	ug/l	94
33) Carbon Tetrachloride	5.684	117	150397	121.374	ug/l	99
34) Benzene	6.043	78	295966	89.821	ug/l	97
35) Methacrylonitrile	4.928	41	58583	64.555	ug/l	95
36) 1,2-Dichloroethane	6.092	62	141475	106.743	ug/l #	86
37) Trichloroethene	7.129	130	83134	92.744	ug/l	86
38) Methylcyclohexane	7.385	83	126095	90.210	ug/l	99
39) 1,2-Dichloropropane	7.433	63	78869	91.467	ug/l	92
40) Dibromomethane	7.586	93	63388	101.258	ug/l	91
41) Bromodichloromethane	7.824	83	136084	115.004	ug/l	97
42) Vinyl Acetate	3.727	43	893423	386.482	ug/l	98

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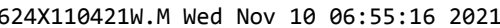
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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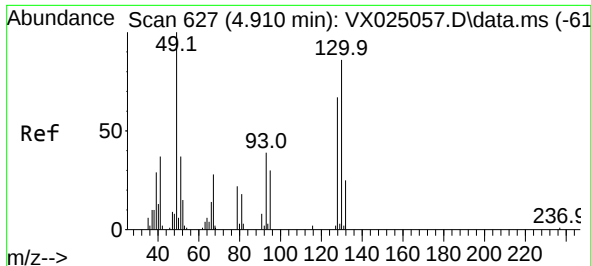
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	110526	82.459	ug/l	100
44) Isopropyl Acetate	6.342	43	177043	83.226	ug/l	96
45) 1,4-Dioxane	7.690	88	35574	1618.901	ug/l	93
46) Methyl methacrylate	7.696	41	85204	82.516	ug/l	90
47) n-amyl Acetate	10.848	43	141401	78.699	ug/l	93
48) t-1,3-Dichloropropene	8.982	75	144879	106.662	ug/l	98
49) cis-1,3-Dichloropropene	8.372	75	145366	102.375	ug/l #	85
50) 1,1,2-Trichloroethane	9.159	97	83283	93.023	ug/l	96
51) Ethyl methacrylate	9.122	69	136770	95.845	ug/l	81
52) 1,3-Dichloropropane	9.311	76	146763	98.745	ug/l	100
53) Dibromochloromethane	9.525	129	99830	107.495	ug/l	100
54) 1,2-Dibromoethane	9.616	107	94178	98.241	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	297640	431.990	ug/l	99
56) Bromoform	10.805	173	68510	104.980	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	545744m	398.631	ug/l	
59) 2-Hexanone	9.433	43	419328	397.095	ug/l #	91
61) Tetrachloroethene	9.281	164	75597	87.533	ug/l	97
62) Toluene	8.726	91	337917	91.795	ug/l	95
64) Chlorobenzene	10.085	112	204175	88.308	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	91871	102.365	ug/l	95
66) Ethyl Benzene	10.195	91	403613	97.107	ug/l	94
67) m/p-Xylenes	10.305	106	279632	179.122	ug/l	84
68) o-Xylene	10.646	106	137347	88.900	ug/l	84
69) Styrene	10.659	104	231584	90.744	ug/l	93
70) Isopropylbenzene	10.963	105	388135	93.677	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	127545	96.173	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	124702m	99.856	ug/l	
73) Bromobenzene	11.201	156	88440	89.707	ug/l	86
74) n-propylbenzene	11.305	91	454975	94.068	ug/l	97
75) 2-Chlorotoluene	11.366	91	285915	98.472	ug/l	93
76) 1,3,5-Trimethylbenzene	11.457	105	337113	97.116	ug/l	91
77) t-1,4-Dichloro-2-butene	11.024	75	42014	95.202	ug/l	92
78) 4-Chlorotoluene	11.457	91	332543	100.630	ug/l	93
79) tert-butylbenzene	11.719	119	322843	96.040	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	333257	97.006	ug/l	92
81) sec-Butylbenzene	11.896	105	404618	94.518	ug/l	97
82) p-Isopropyltoluene	12.012	119	337960	95.900	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	164968	91.596	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	164950	92.491	ug/l	95
85) n-Butylbenzene	12.335	91	307123	97.936	ug/l	98
86) Hexachloroethane	12.542	117	61620	105.375	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	161550	92.368	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	36362	117.637	ug/l	86
89) 1,2,4-Trichlorobenzene	13.591	180	101070	92.763	ug/l	97
90) Hexachlorobutadiene	13.725	225	49971	101.291	ug/l	98
91) Naphthalene	13.780	128	360742	97.164	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	103097	94.521	ug/l	97

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

Manual Integrations

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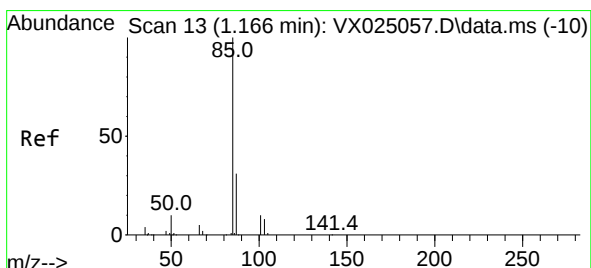
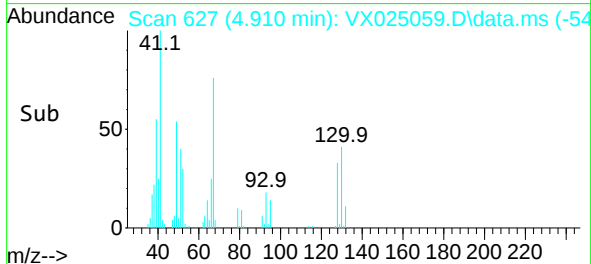
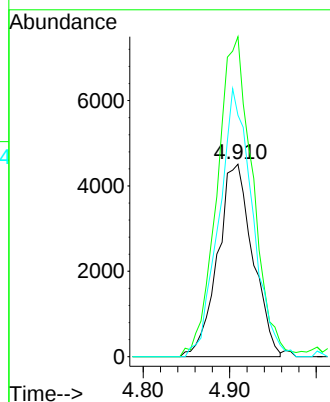
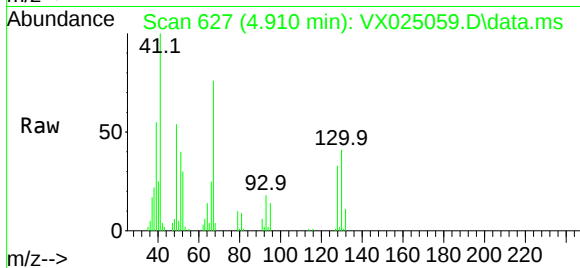
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1263
Ion Ratio Lower Upper
128 100
49 169.1 0.0 402.5
130 133.8 0.0 326.5

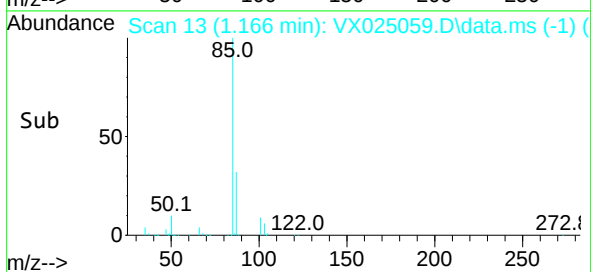
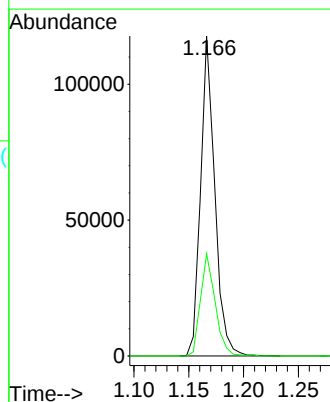
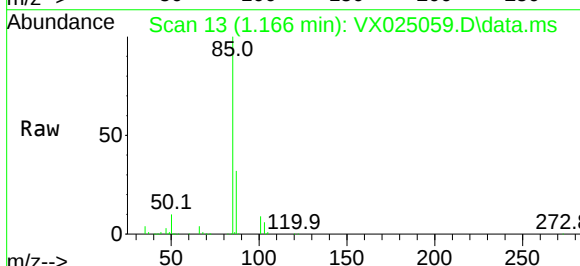
Manual Integrations
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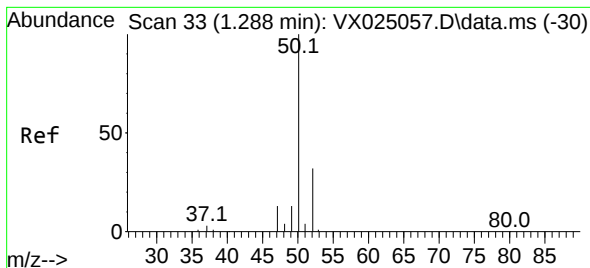
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 131.569 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 85 Resp: 106143
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3

Chloromethane

Concen: 67.636 ug/l

RT: 1.288 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 53584

Ion Ratio Lower Upper

50 100

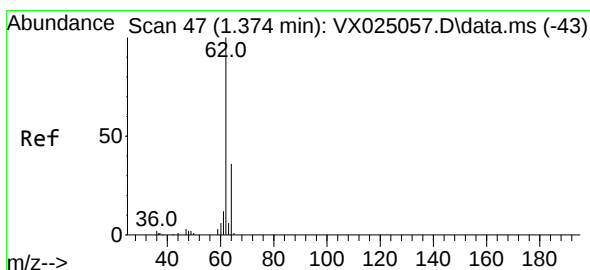
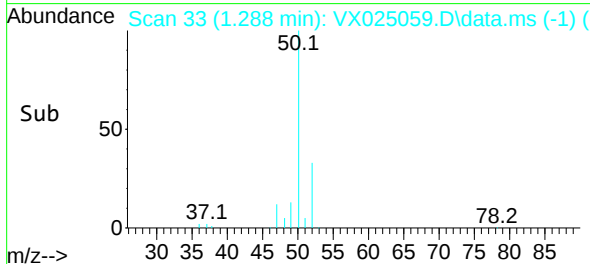
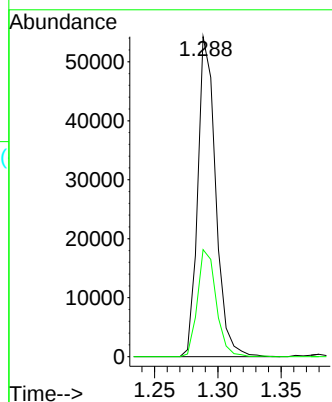
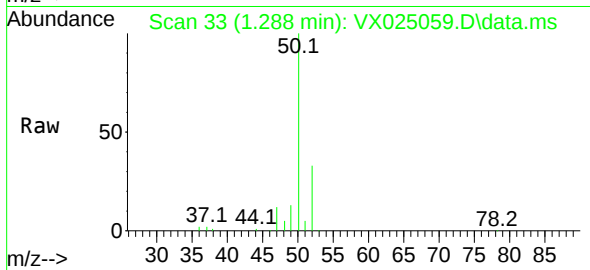
52 33.5 26.9 40.3

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#4

Vinyl Chloride

Concen: 79.275 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX025059.D

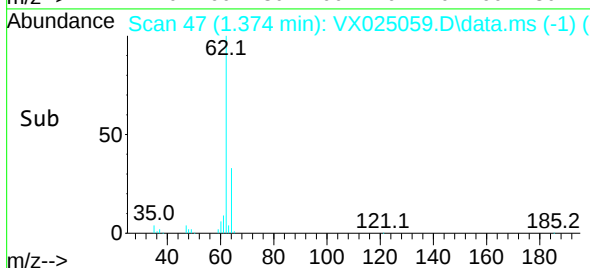
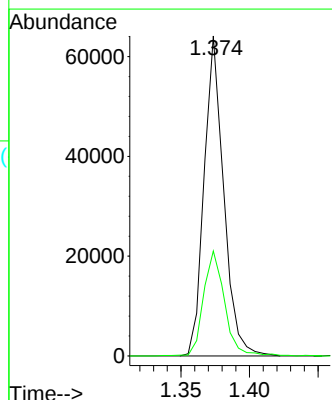
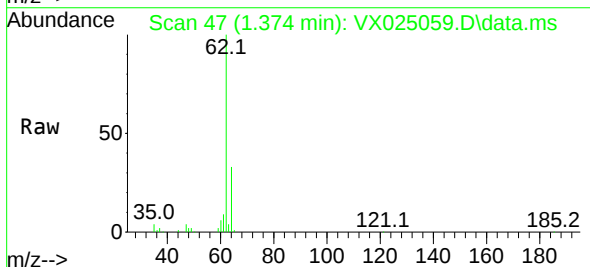
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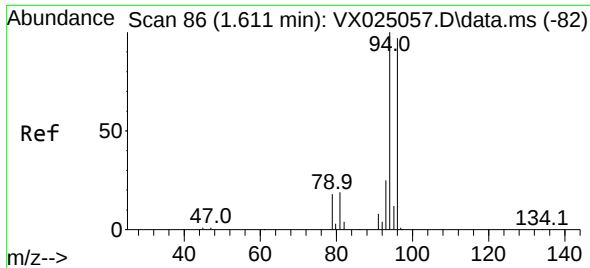
Tgt Ion: 62 Resp: 63832

Ion Ratio Lower Upper

62 100

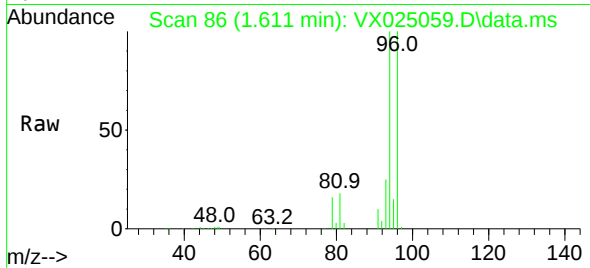
64 32.6 25.0 37.4





#5
Bromomethane
Concen: 92.092 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

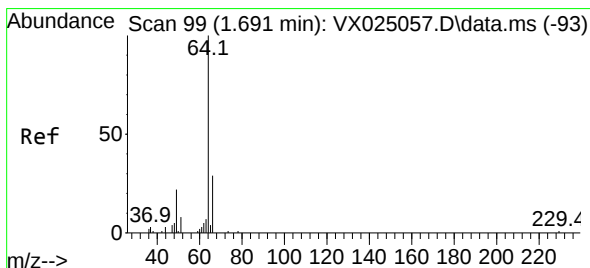
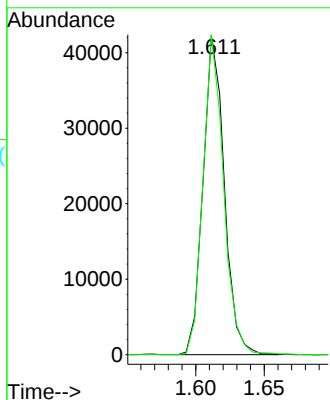
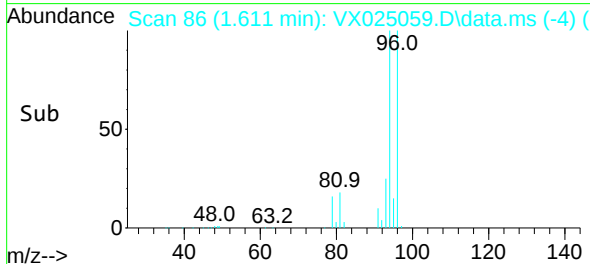
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 45562
Ion Ratio Lower Upper
94 100
96 100.1 72.8 109.2

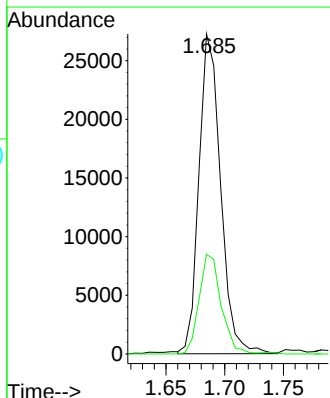
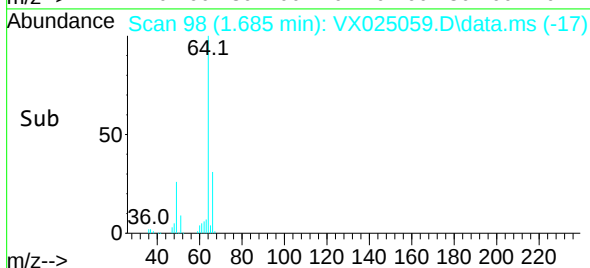
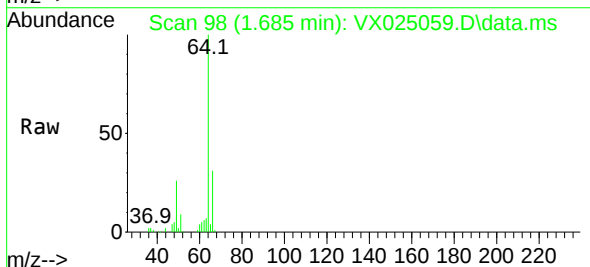
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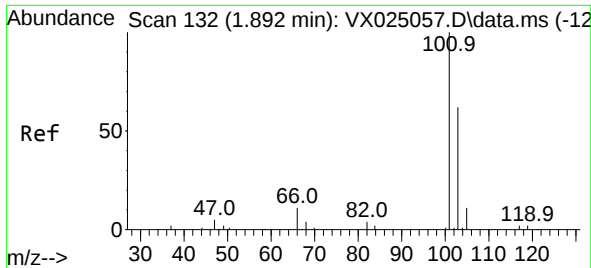
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#6
Chloroethane
Concen: 69.433 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

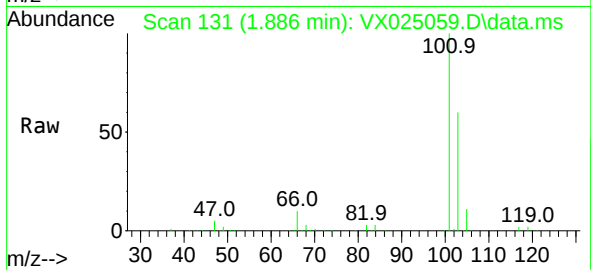
Tgt Ion: 64 Resp: 34989
Ion Ratio Lower Upper
64 100
66 31.3 26.8 40.2





#7
Trichlorofluoromethane
Concen: 108.182 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

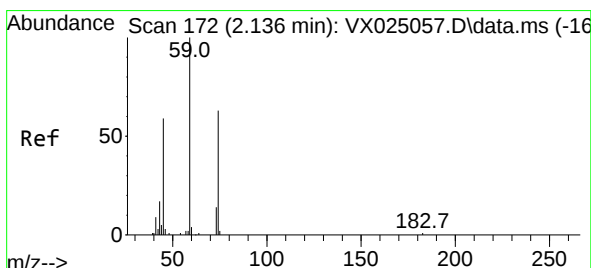
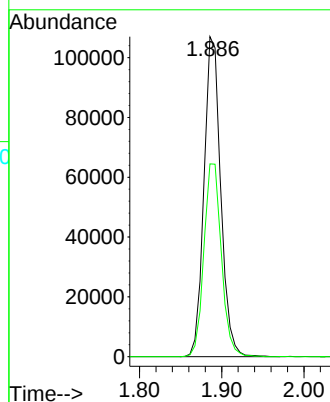
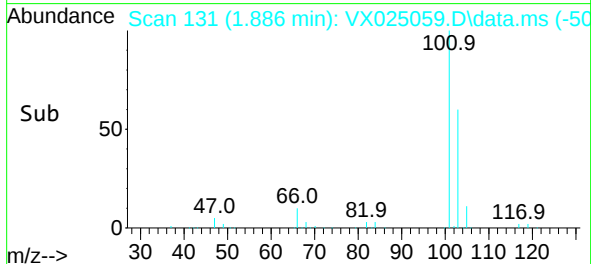
Instrument :
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Tgt Ion:101 Resp: 151280
Ion Ratio Lower Upper
101 100
103 60.3 55.0 82.6

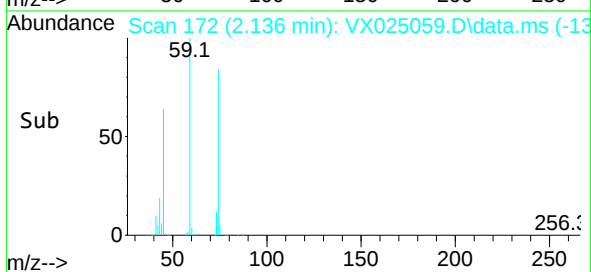
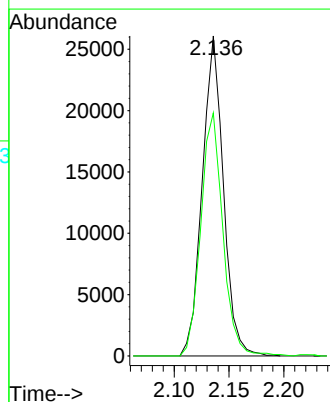
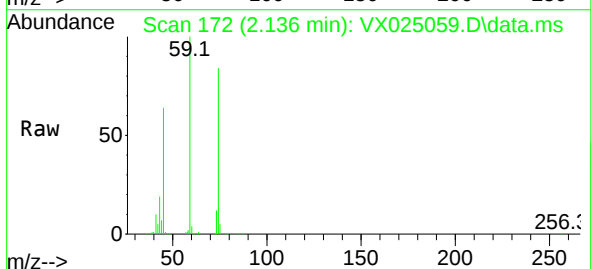
Manual Integrations
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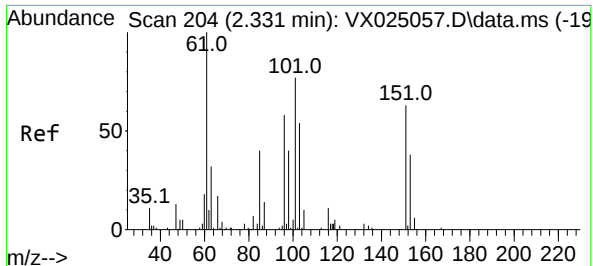
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Diethyl Ether
Concen: 75.393 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 74 Resp: 35000
Ion Ratio Lower Upper
74 100
45 78.7 19.9 179.1





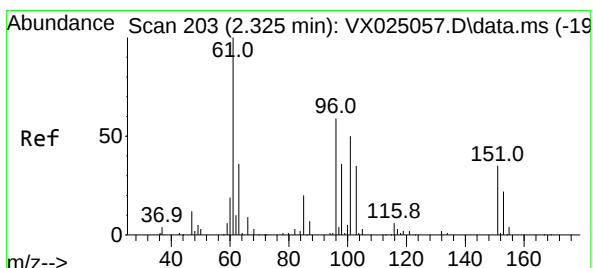
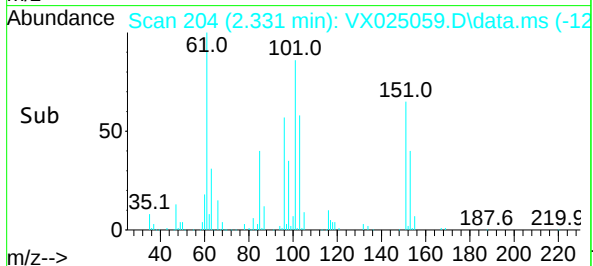
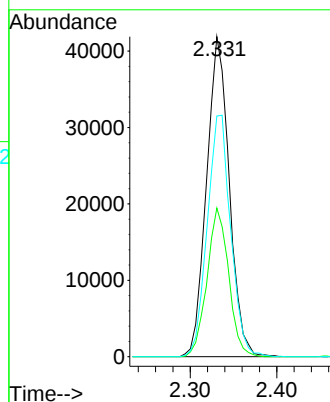
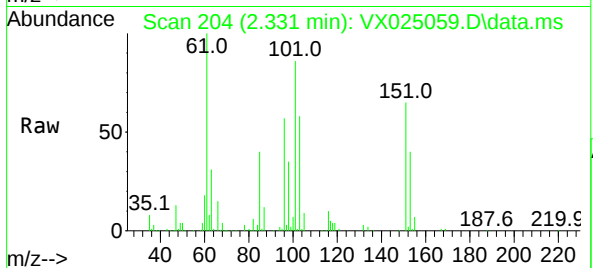
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1,1,2-Trichlorotrifluoroethane
Concen: 100.142 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX025059.D
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Tgt Ion:101 Resp: 76354
Ion Ratio Lower Upper
101 100
85 44.2 0.0 91.4
151 77.8 0.0 160.0

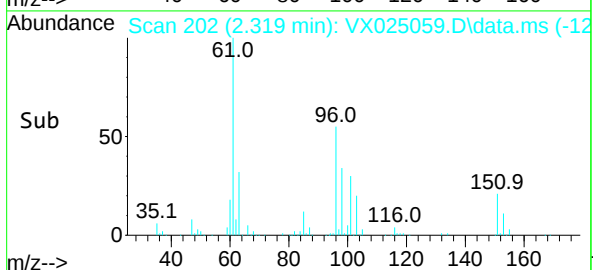
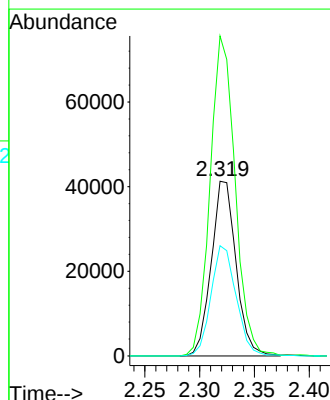
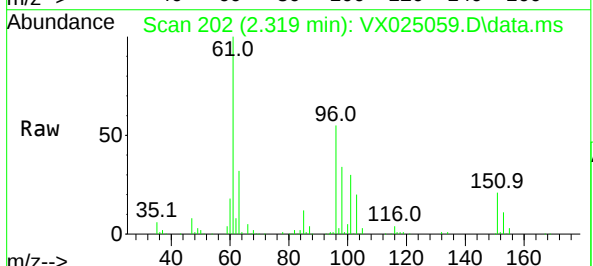
Manual Integrations
APPROVED

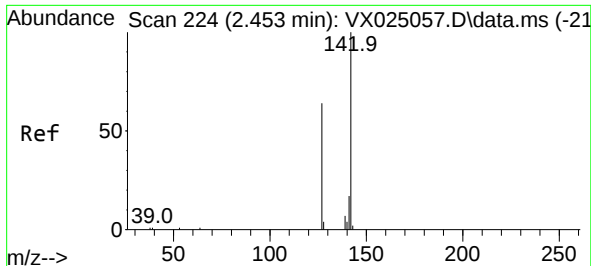
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 89.328 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

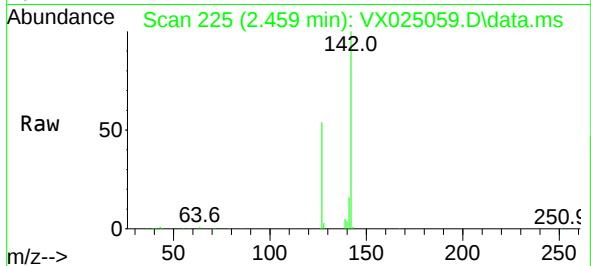
Tgt Ion: 96 Resp: 64837
Ion Ratio Lower Upper
96 100
61 183.2 140.3 210.5
98 63.1 52.8 79.2





#11
Methyl Iodide
Concen: 90.284 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

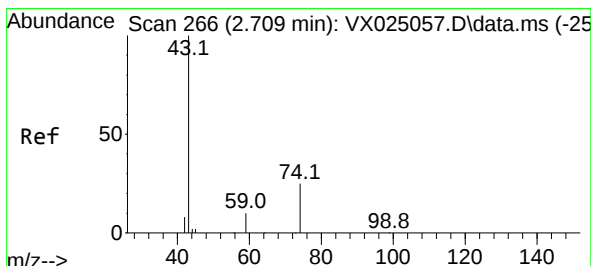
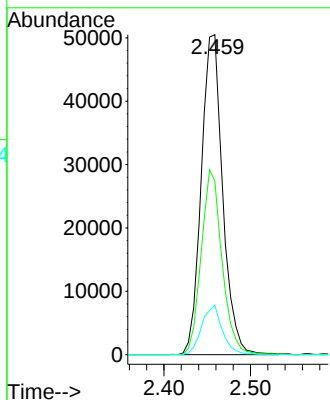
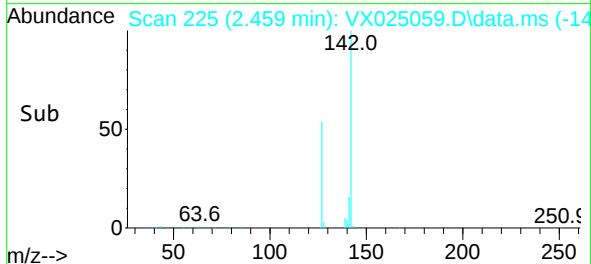
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 86859
Ion Ratio Lower Upper
142 100
127 54.2 23.6 71.0
141 15.6 7.1 21.3

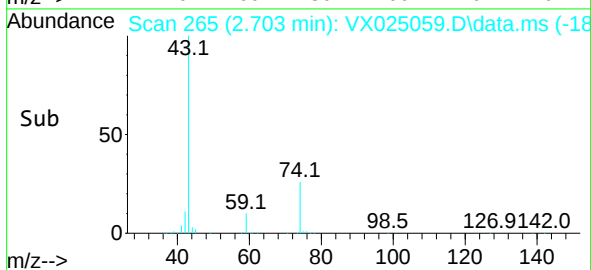
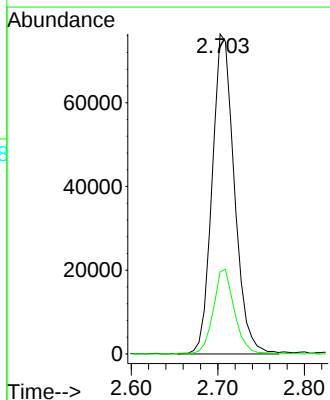
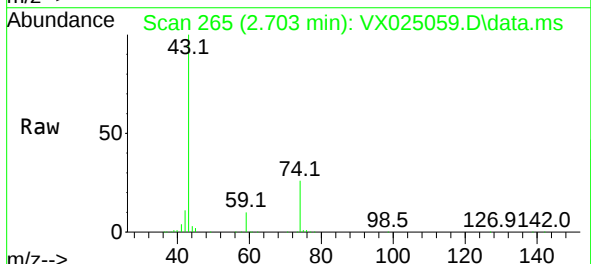
Manual Integrations
APPROVED

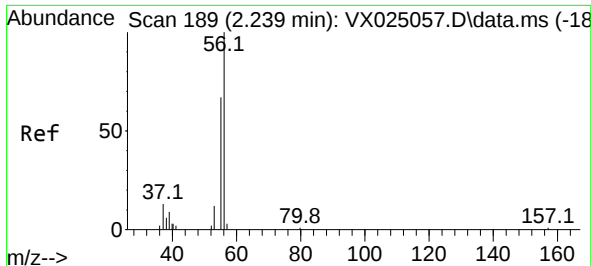
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
Methyl Acetate
Concen: 117.473 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

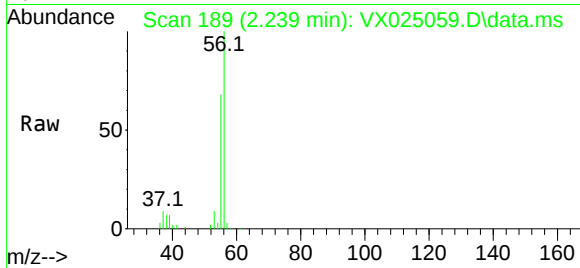
Tgt Ion: 43 Resp: 136191
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.2





#13
Acrolein
Concen: 256.473 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

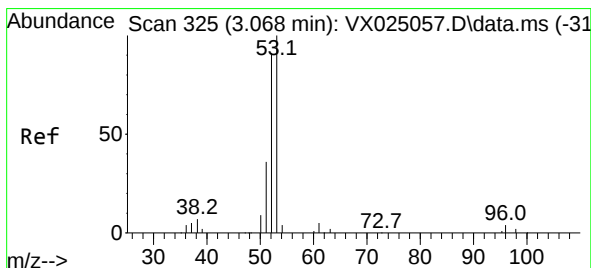
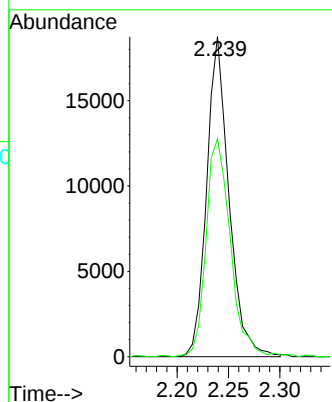
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
55 73.8 59.5 89.3

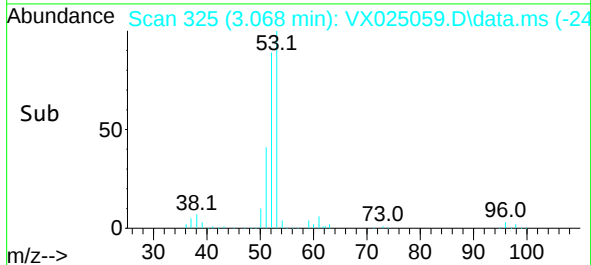
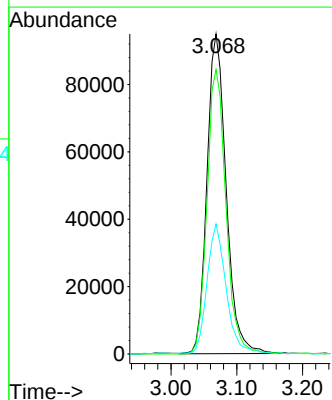
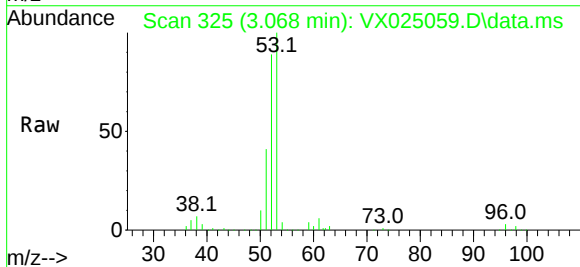
Manual Integrations
APPROVED

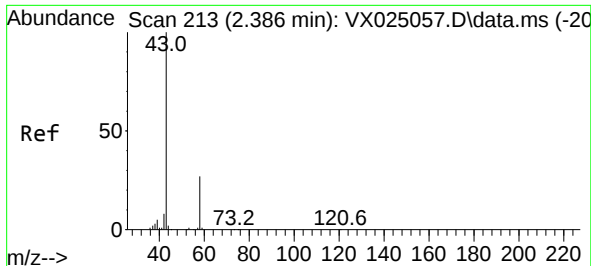
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Acrylonitrile
Concen: 410.551 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

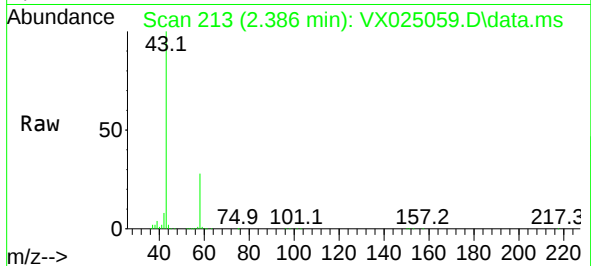
Tgt Ion: 53 Resp: 192784
Ion Ratio Lower Upper
53 100
52 87.4 40.4 121.2
51 40.4 18.1 54.1





#15
Acetone
Concen: 418.236 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

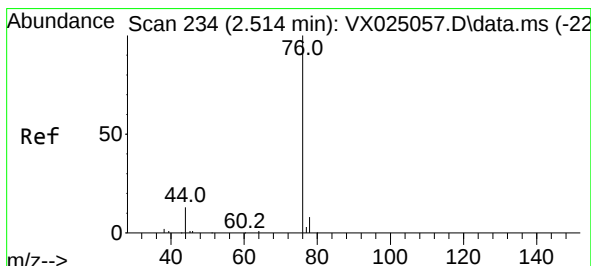
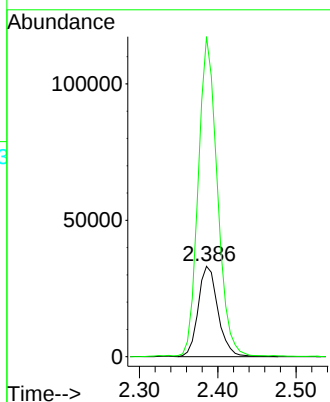
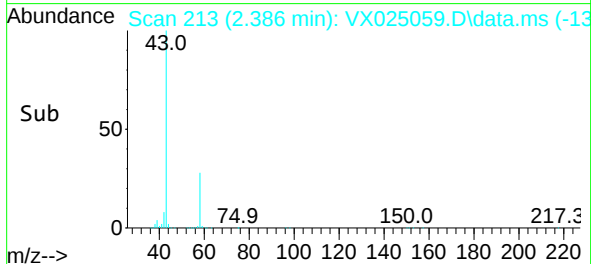
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



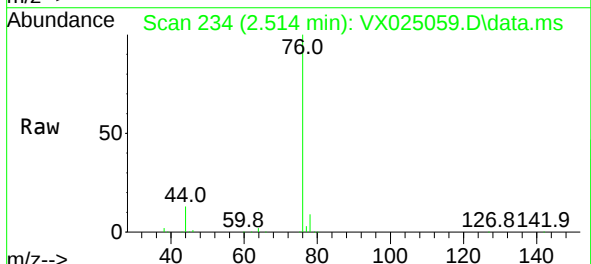
Tgt Ion: 58 Resp: 58099
Ion Ratio Lower Upper
58 100
43 353.1 266.6 400.0

Manual Integrations
APPROVED

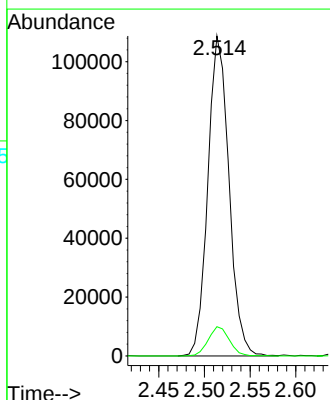
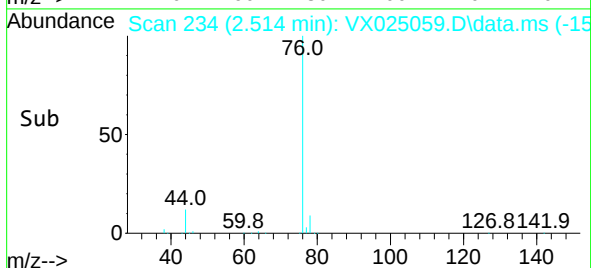
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

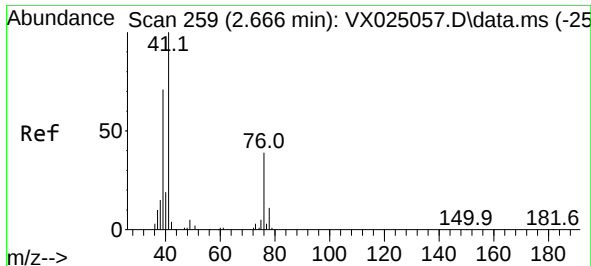


#16
Carbon Disulfide
Concen: 96.628 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



Tgt Ion: 76 Resp: 174347
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17

Allyl chloride

Concen: 83.909 ug/l

RT: 2.666 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX025059.D

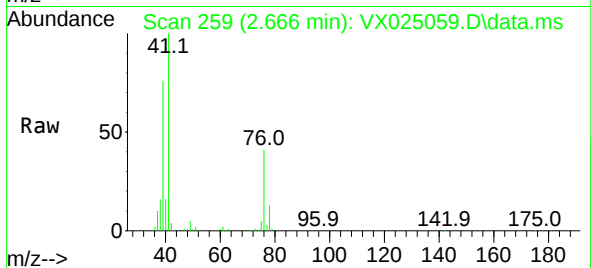
Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



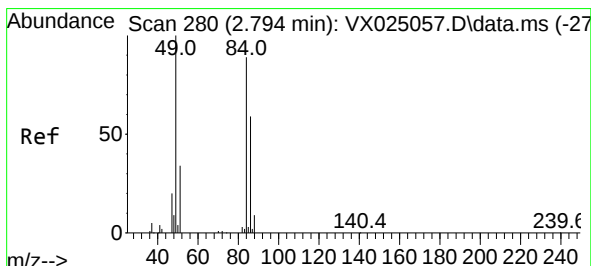
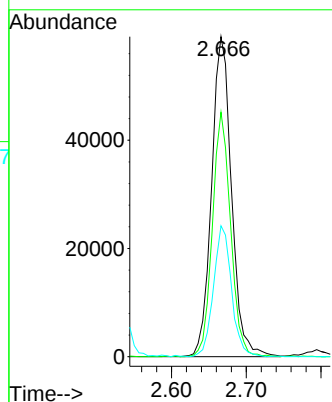
Tgt Ion:	41	Resp:	10957
Ion Ratio	Lower	Upper	
41	100		
39	76.4	36.4	109.3
76	40.8	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 88.907 ug/l

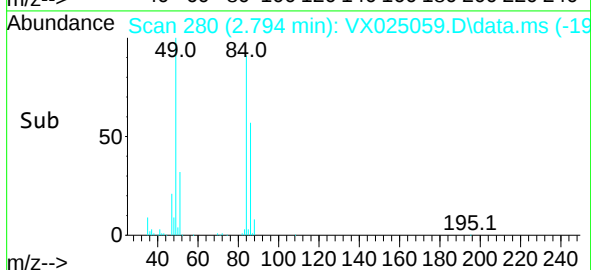
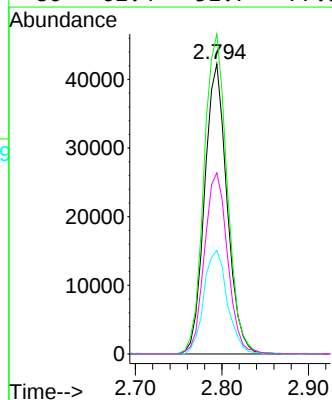
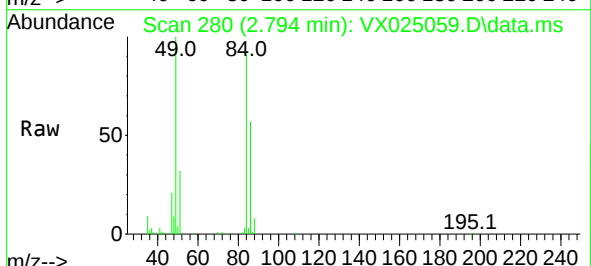
RT: 2.794 min Scan# 280

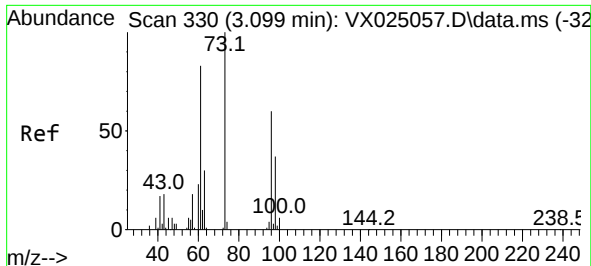
Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

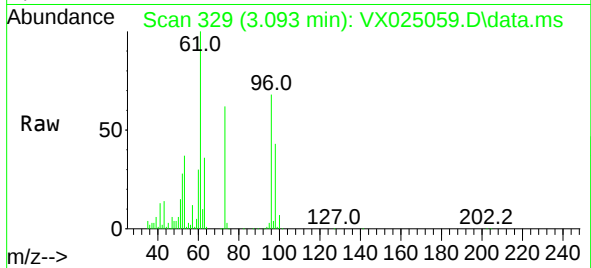
Tgt Ion:	84	Resp:	76207
Ion Ratio	Lower	Upper	
84	100		
49	110.0	104.3	156.5
51	35.7	30.3	45.5
86	62.4	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 92.292 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

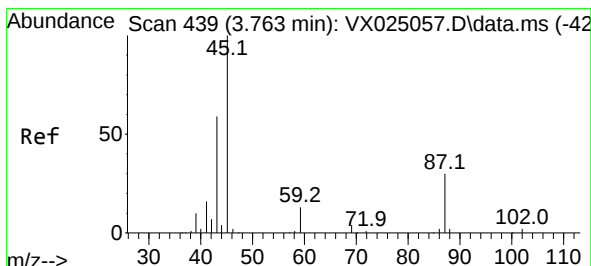
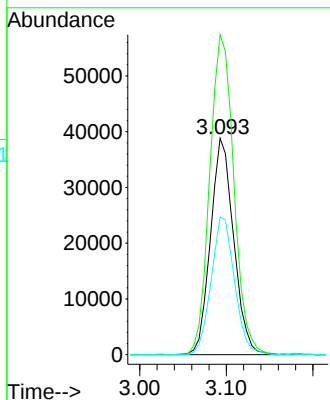
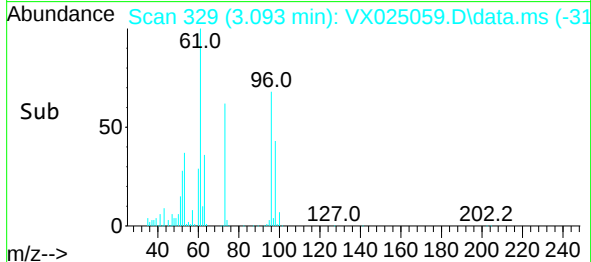
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



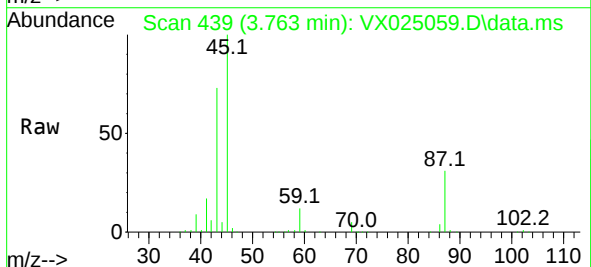
Tgt Ion: 96 Resp: 72080
Ion Ratio Lower Upper
96 100
61 147.7 109.2 163.8
98 63.7 50.8 76.2

Manual Integrations
APPROVED

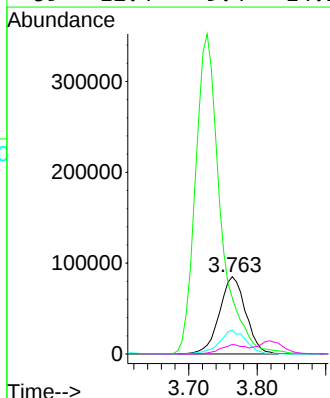
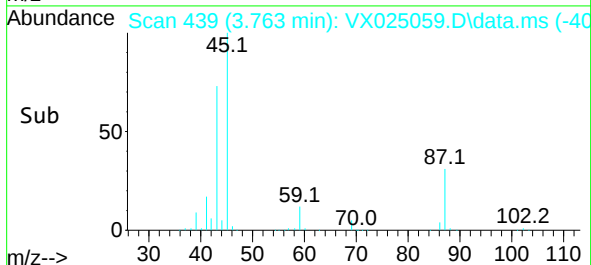
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

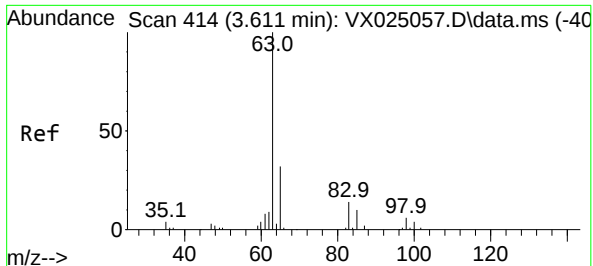


#20
Diisopropyl ether
Concen: 85.460 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



Tgt Ion: 45 Resp: 226563
Ion Ratio Lower Upper
45 100
43 68.6 63.8 95.6
87 30.8 21.8 32.6
59 12.4 9.4 14.2





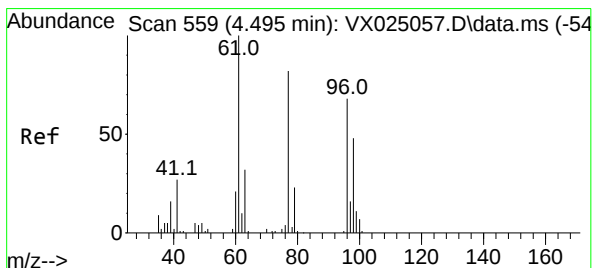
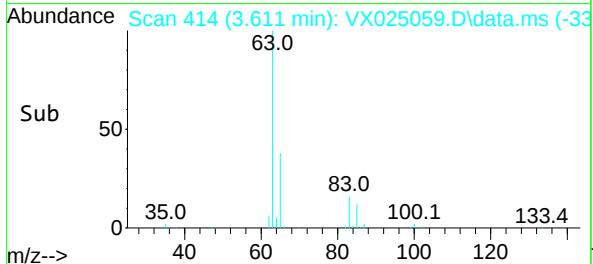
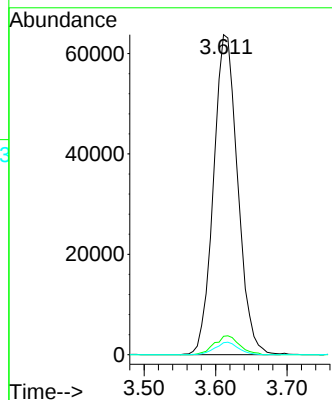
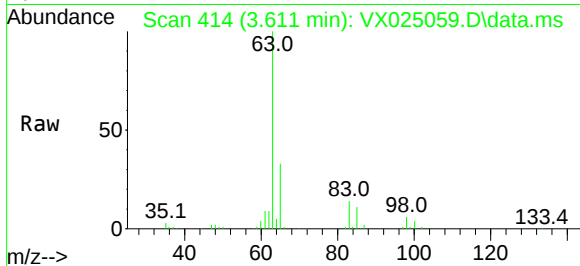
#21
1,1-Dichloroethane
Concen: 99.952 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 150014
Ion Ratio Lower Upper
63 100
98 5.8 3.4 10.1
100 3.7 2.1 6.2

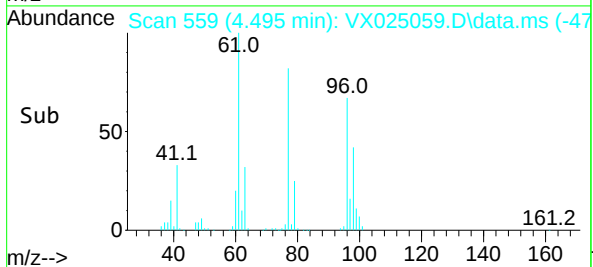
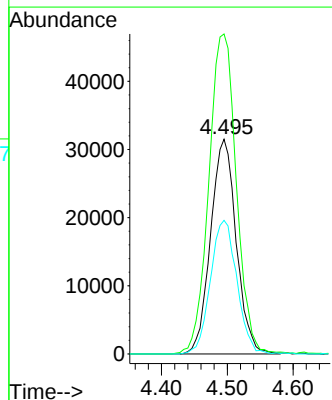
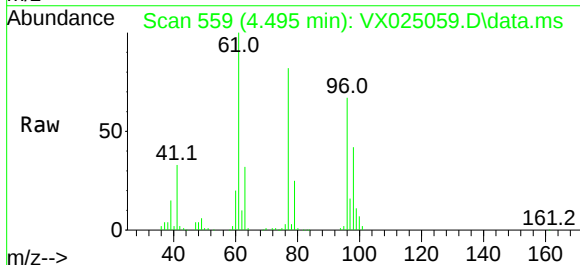
Manual Integrations
APPROVED

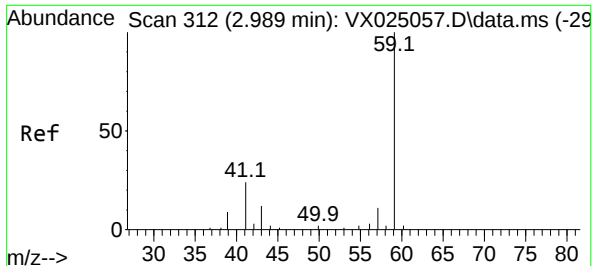
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
cis-1,2-Dichloroethene
Concen: 94.055 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 96 Resp: 85637
Ion Ratio Lower Upper
96 100
61 159.7 114.5 171.7
98 63.6 51.3 76.9





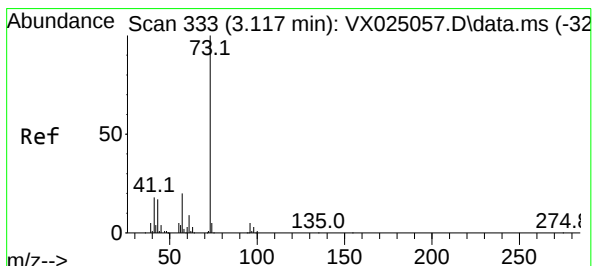
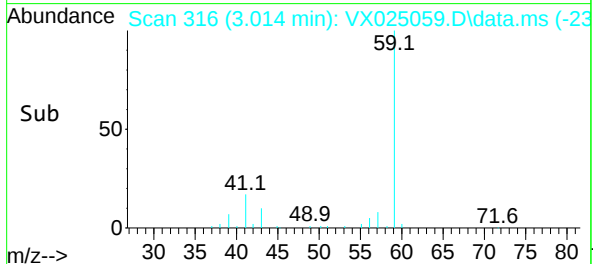
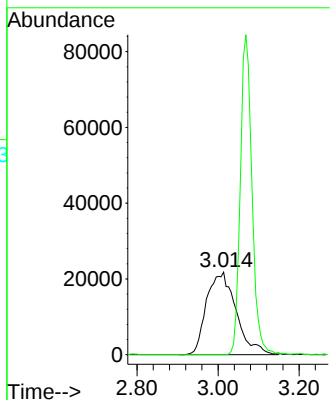
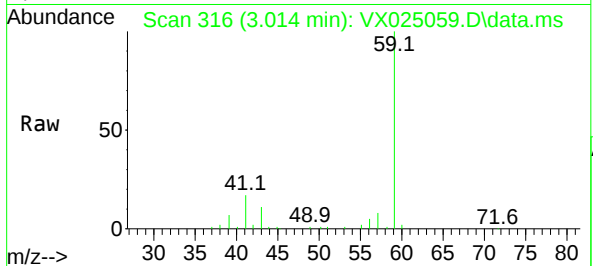
#23
tert-Butyl Alcohol
Concen: 487.605 ug/l m
RT: 3.014 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 110215
Ion Ratio Lower Upper
59 100
52 152.9 0.1 0.1

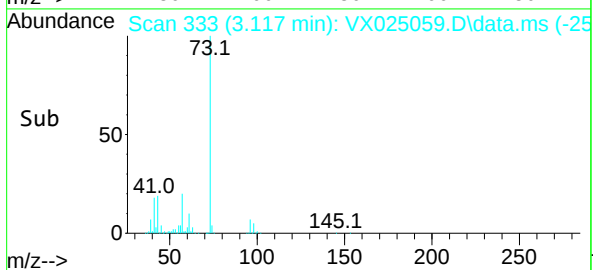
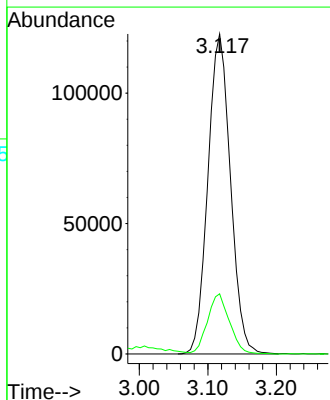
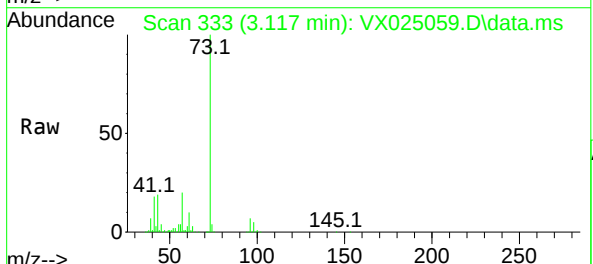
Manual Integrations
APPROVED

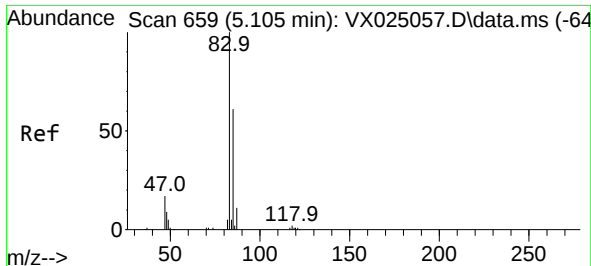
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 105.881 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

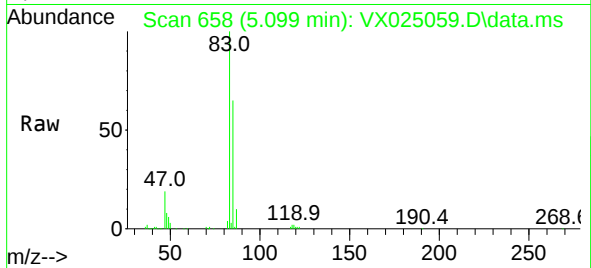
Tgt Ion: 73 Resp: 280271
Ion Ratio Lower Upper
73 100
43 18.3 17.9 26.9





#25
Chloroform
Concen: 109.147 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

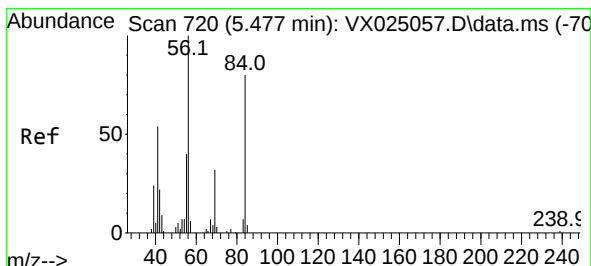
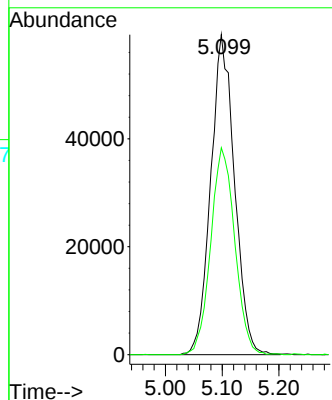
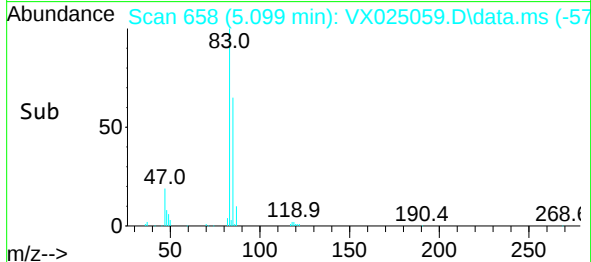
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 172780
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8

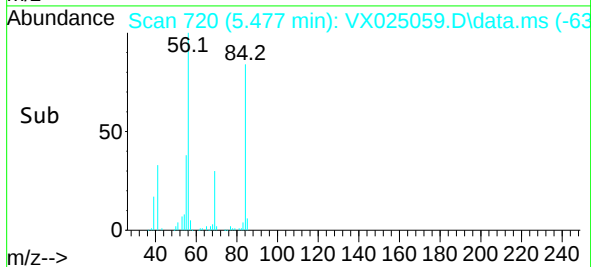
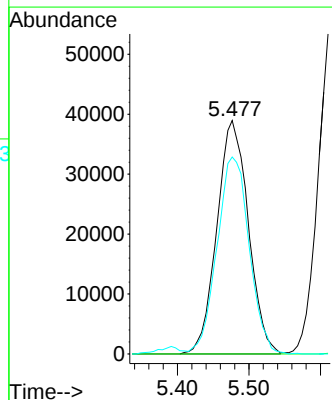
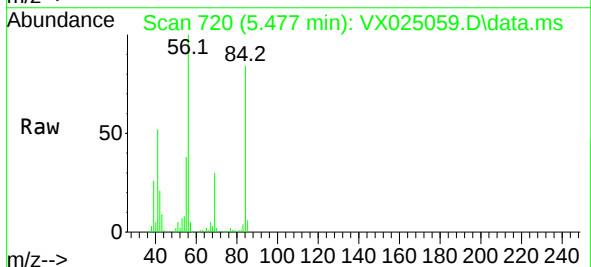
Manual Integrations
APPROVED

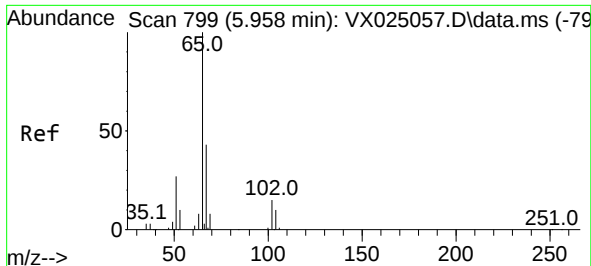
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 89.877 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

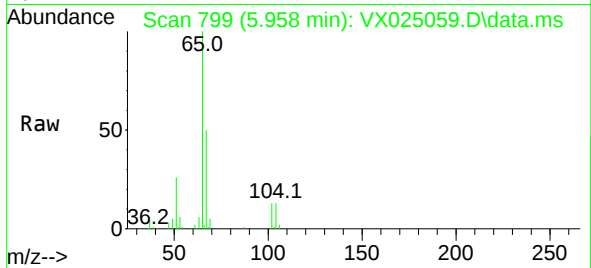
Tgt Ion: 56 Resp: 119025
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 69.0 103.6





#27
1,2-Dichloroethane-d4
Concen: 36.760 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

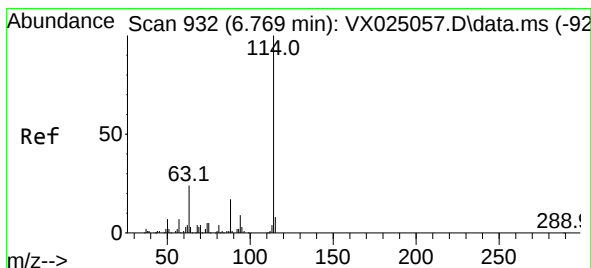
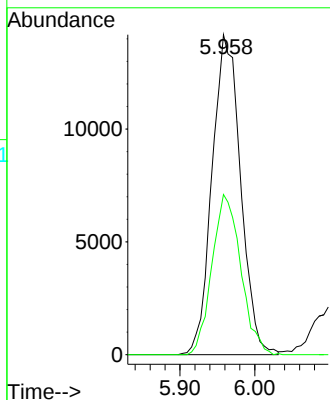
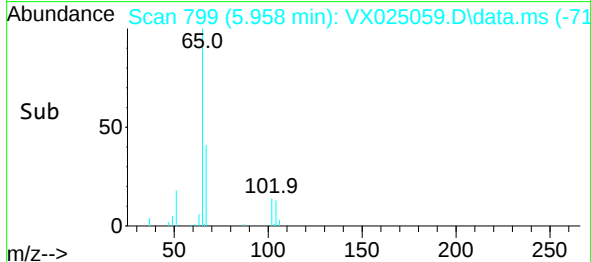
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



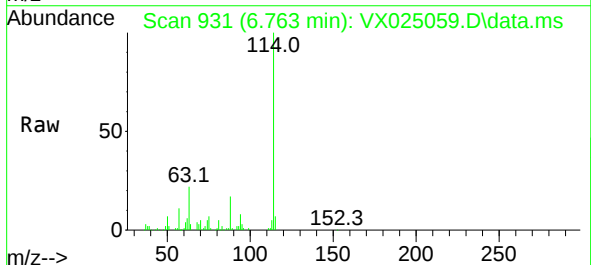
Tgt Ion: 65 Resp: 37649
Ion Ratio Lower Upper
65 100
67 50.5 42.4 63.6

Manual Integrations
APPROVED

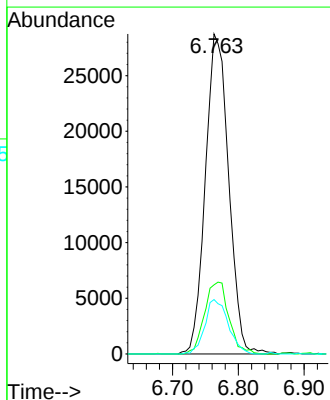
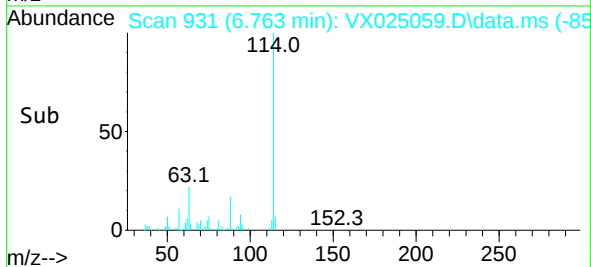
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

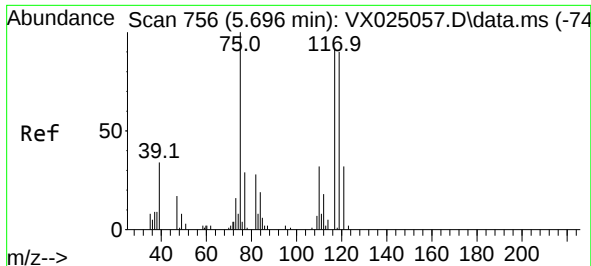


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



Tgt Ion:114 Resp: 70909
Ion Ratio Lower Upper
114 100
63 23.3 16.4 24.6
88 17.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 101.878 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 11676

Ion Ratio Lower Upper

75 100

110 32.6 0.0 72.0

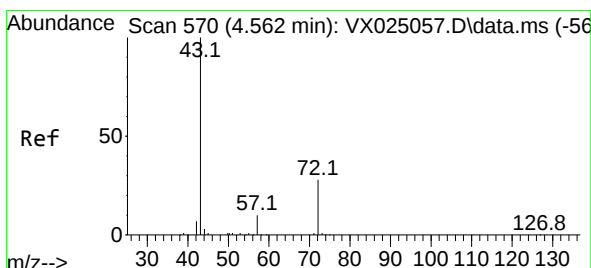
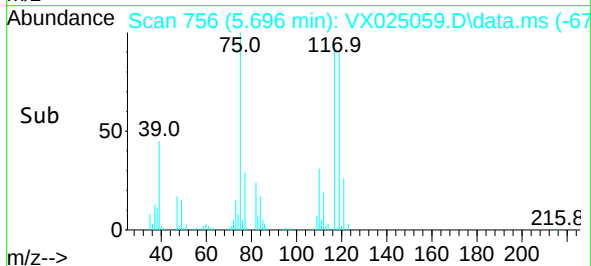
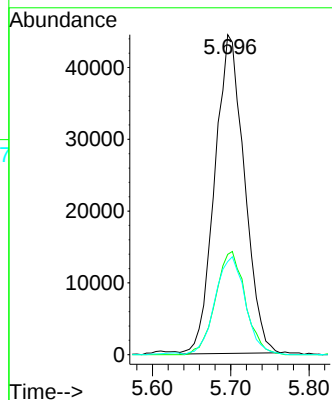
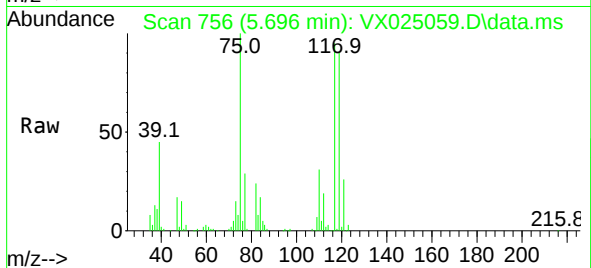
77 31.4 0.0 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 405.983 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

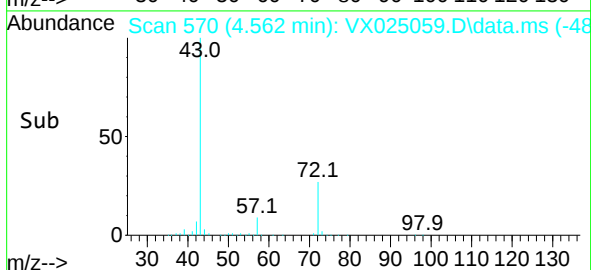
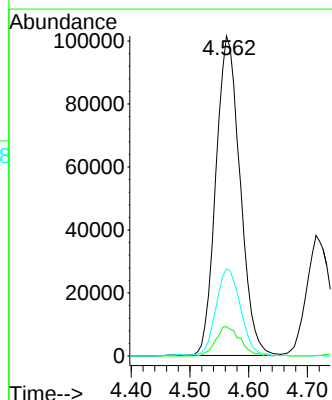
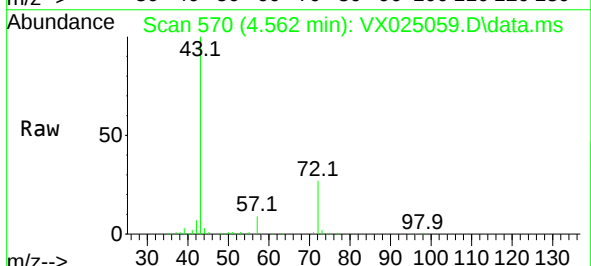
Tgt Ion: 43 Resp: 290068

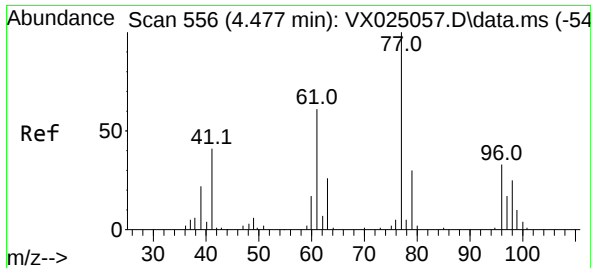
Ion Ratio Lower Upper

43 100

57 9.3 6.6 9.8

72 27.7 21.0 31.4





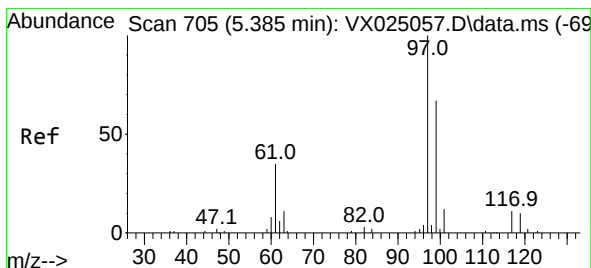
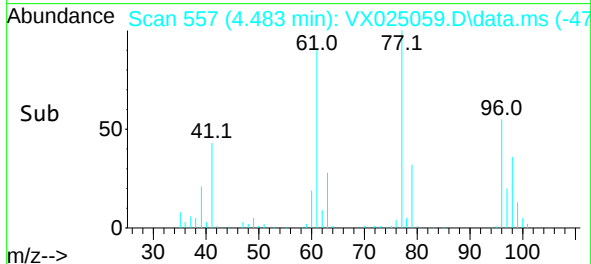
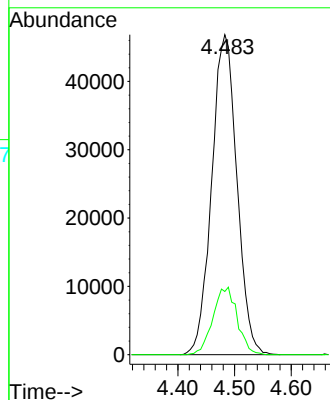
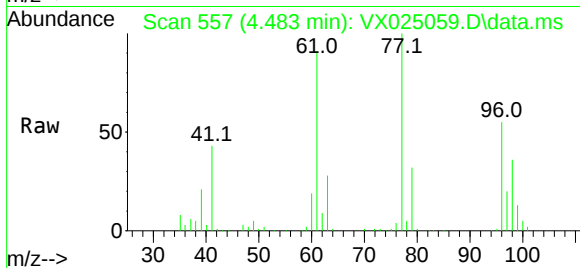
#31
2,2-Dichloropropane
Concen: 109.353 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 77 Resp: 144620
Ion Ratio Lower Upper
77 100
97 20.3 19.8 29.8

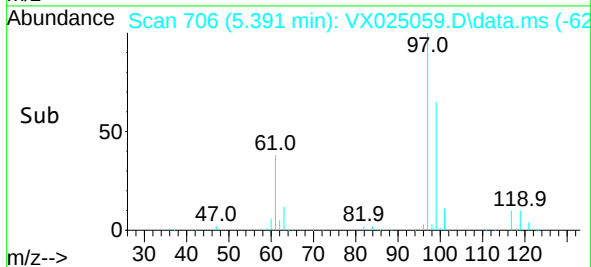
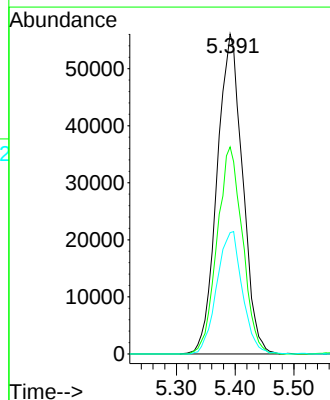
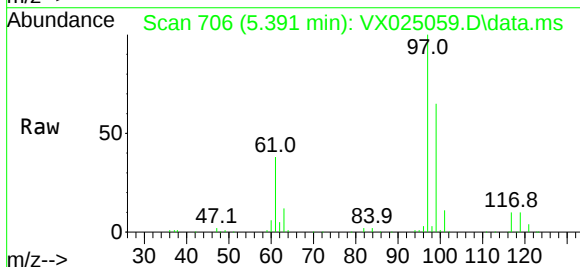
Manual Integrations
APPROVED

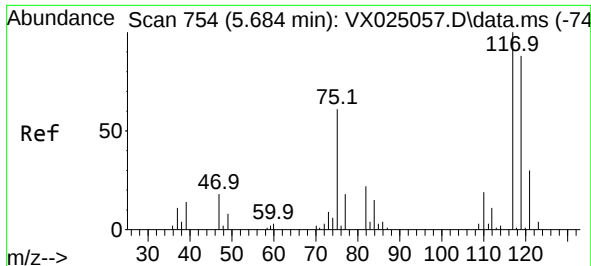
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 119.132 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

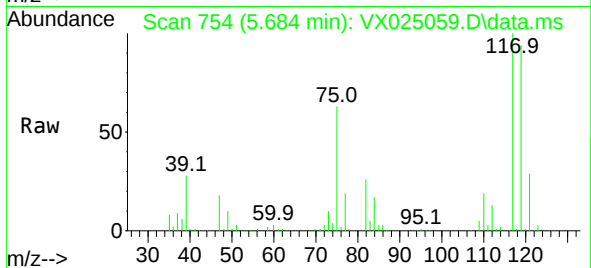
Tgt Ion: 97 Resp: 169203
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 38.2 36.4 54.6





#33
Carbon Tetrachloride
Concen: 121.374 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

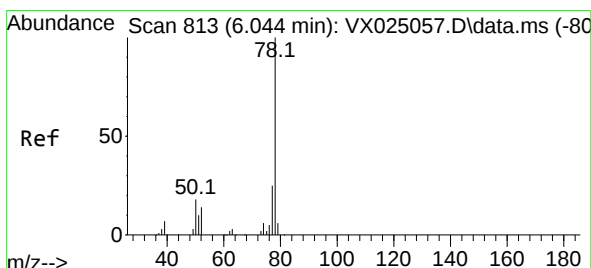
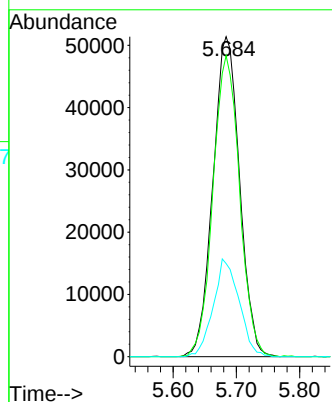
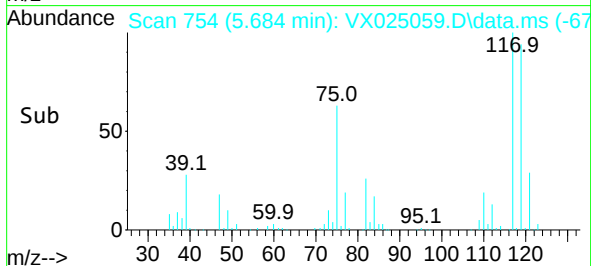
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



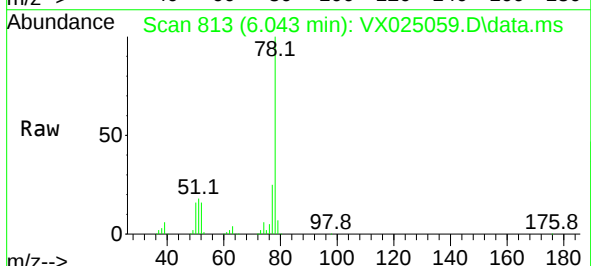
Tgt Ion: 117 Resp: 150397
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.2
121 29.1 24.1 36.1

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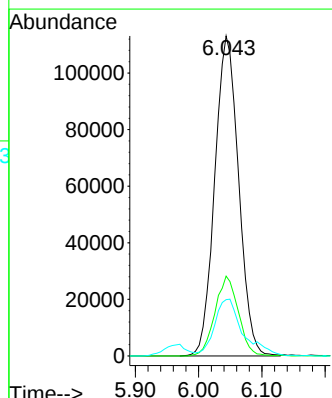
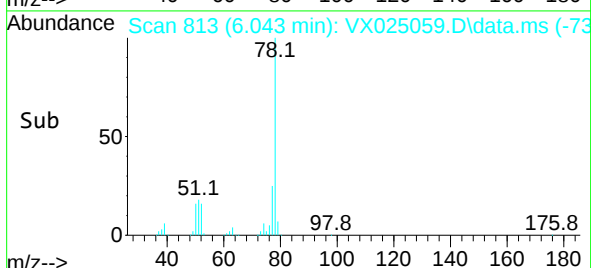
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

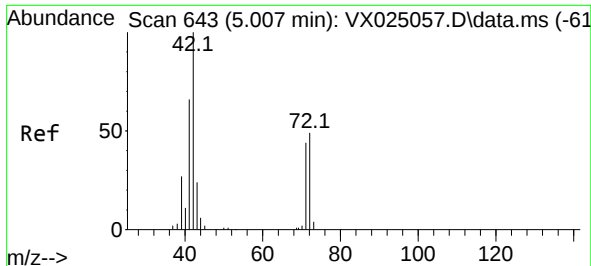


#34
Benzene
Concen: 89.821 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



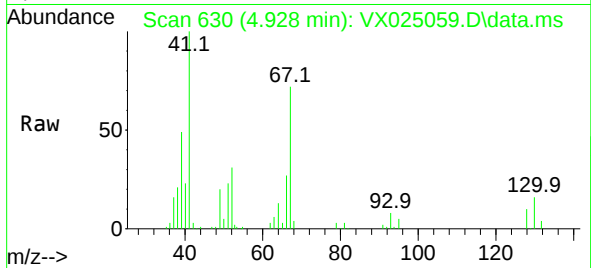
Tgt Ion: 78 Resp: 295966
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9
51 17.1 12.2 18.4





#35
Methacrylonitrile
Concen: 64.555 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.079 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

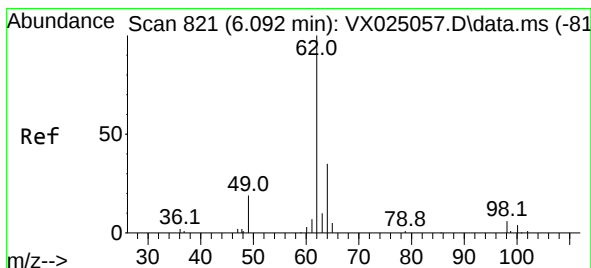
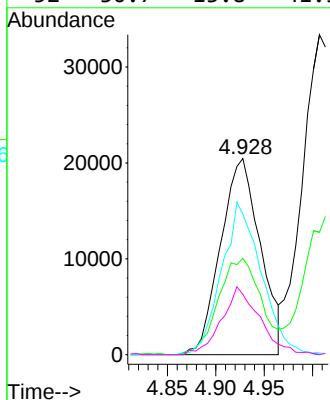
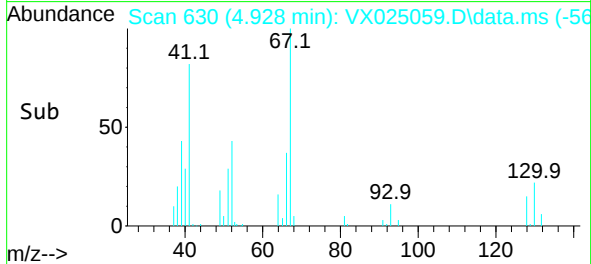
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 5858
Ion Ratio Lower Upper
41 100
39 49.1 27.4 82.2
67 71.4 34.6 103.9
52 30.7 13.8 41.3

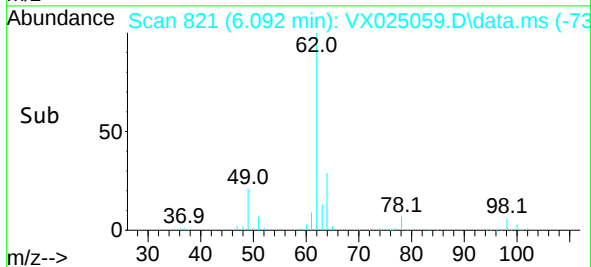
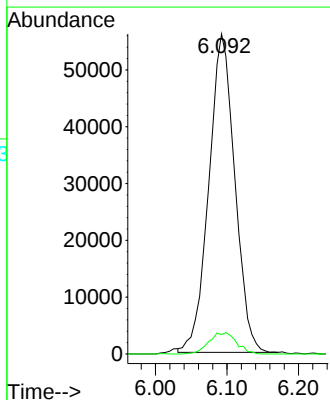
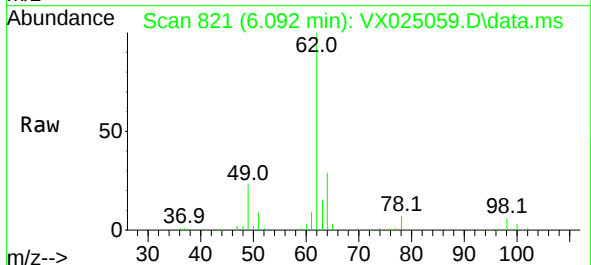
Manual Integrations
APPROVED

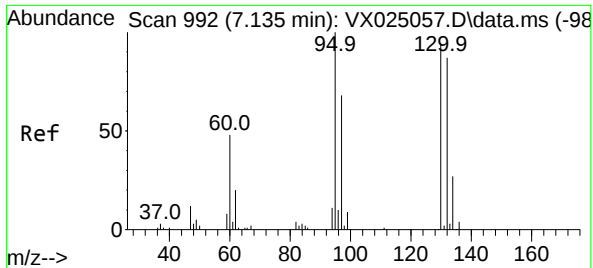
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 106.743 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 62 Resp: 141475
Ion Ratio Lower Upper
62 100
98 3.7 7.0 10.4#





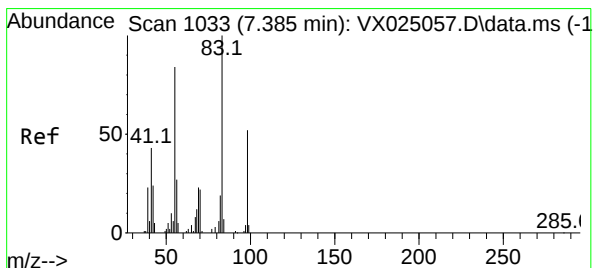
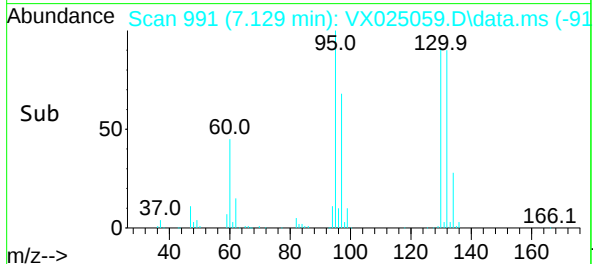
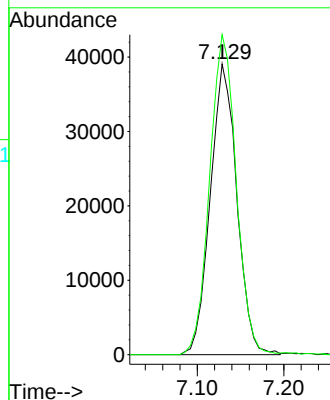
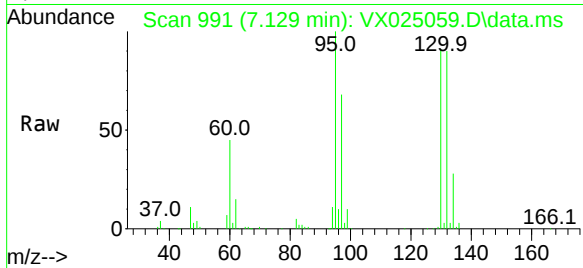
#37
Trichloroethene
Concen: 92.744 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 83134
Ion Ratio Lower Upper
130 100
95 110.1 77.0 115.4

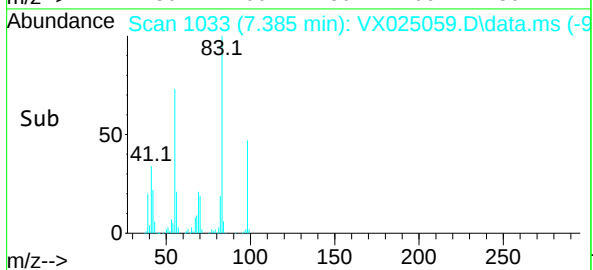
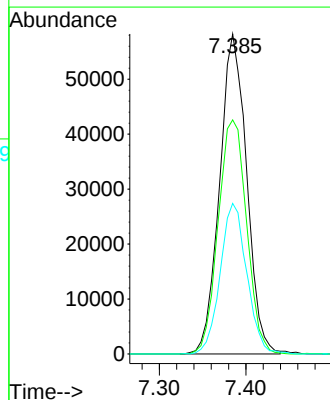
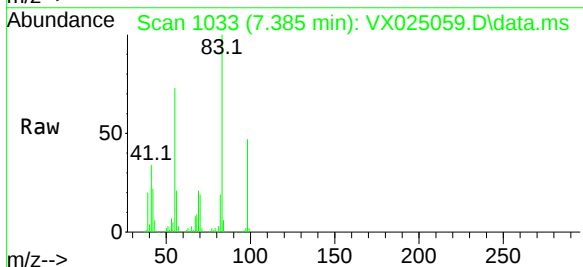
Manual Integrations
APPROVED

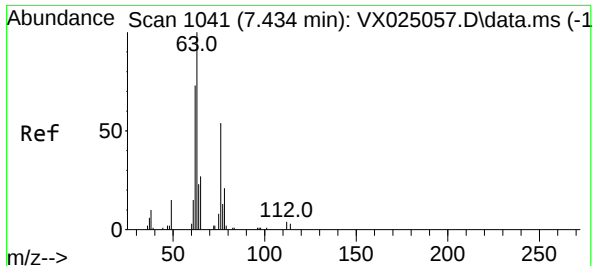
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Methylcyclohexane
Concen: 90.210 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 83 Resp: 126095
Ion Ratio Lower Upper
83 100
55 77.0 37.8 113.4
98 46.4 23.4 70.3





#39

1,2-Dichloropropane

Concen: 91.467 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 7886

Ion Ratio Lower Upper

63 100

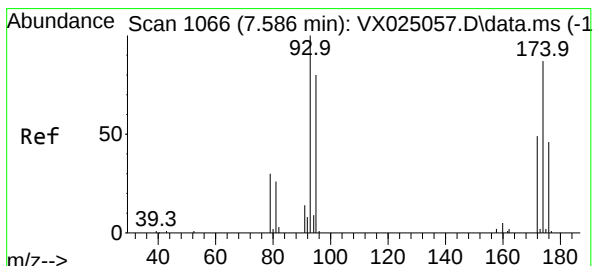
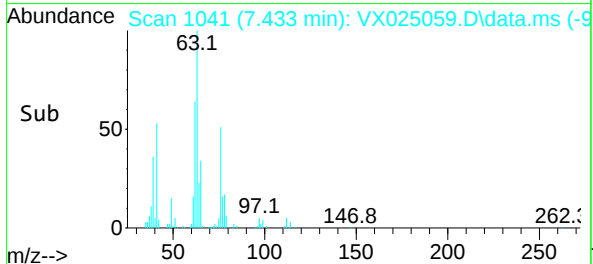
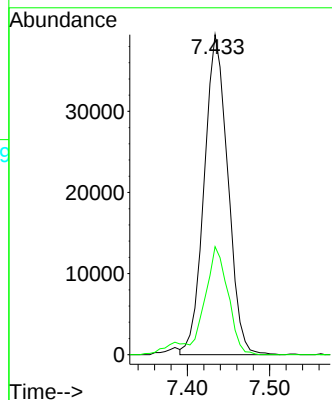
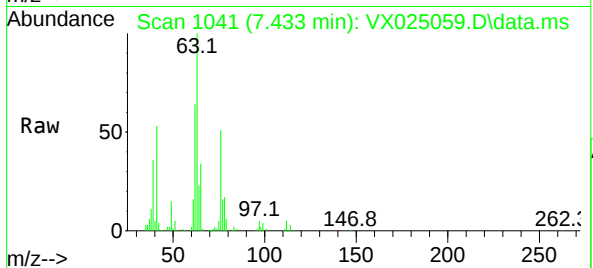
65 33.7 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 101.258 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

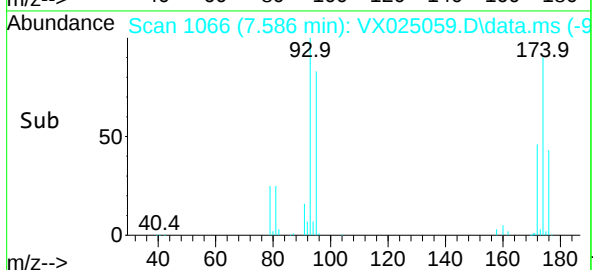
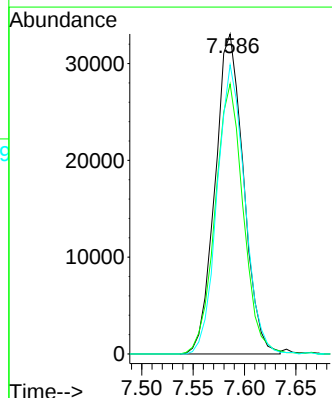
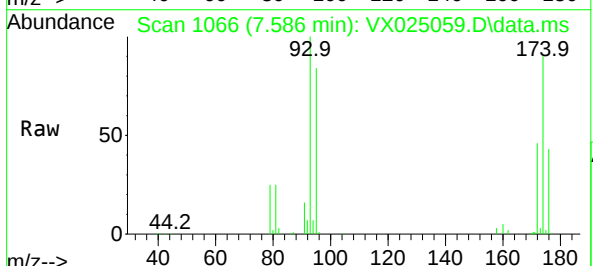
Tgt Ion: 93 Resp: 63388

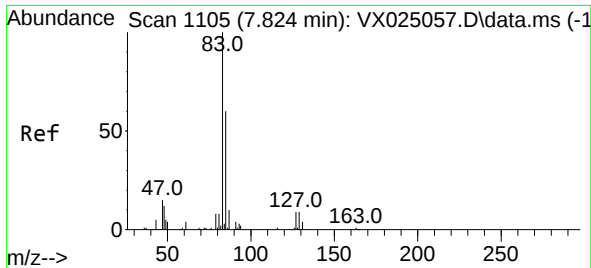
Ion Ratio Lower Upper

93 100

95 83.6 0.0 168.4

174 87.7 0.0 206.6





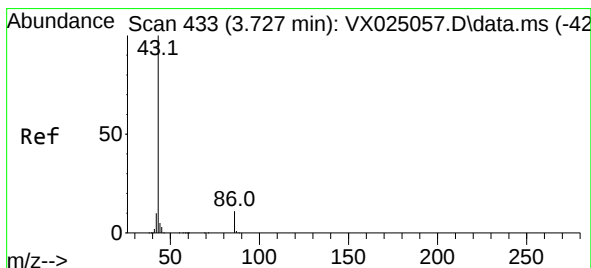
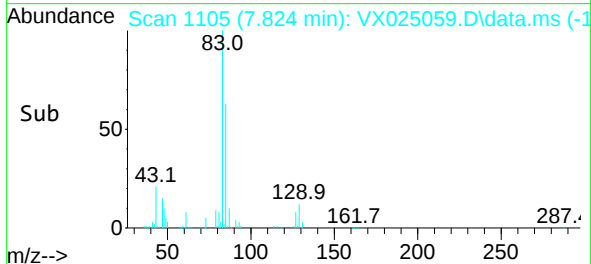
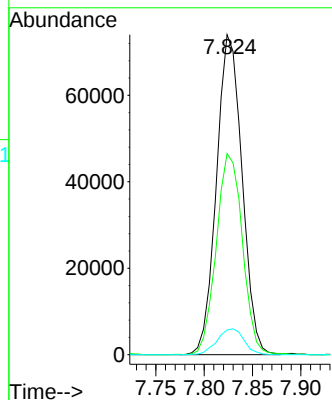
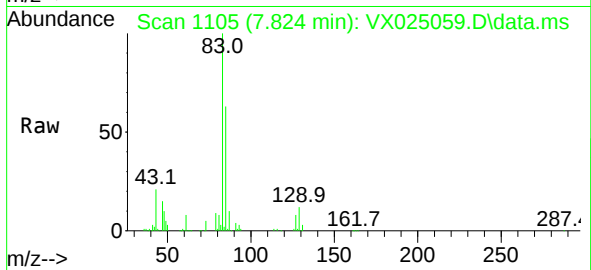
#41
Bromodichloromethane
Concen: 115.004 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 136084
Ion Ratio Lower Upper
83 100
85 62.7 51.7 77.5
127 7.7 7.4 11.0

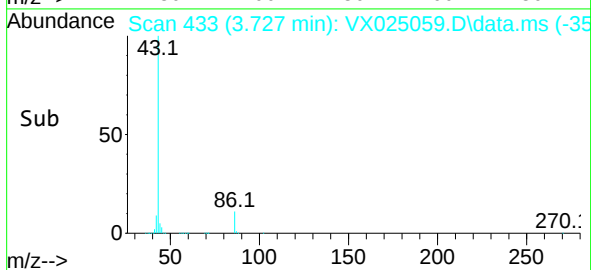
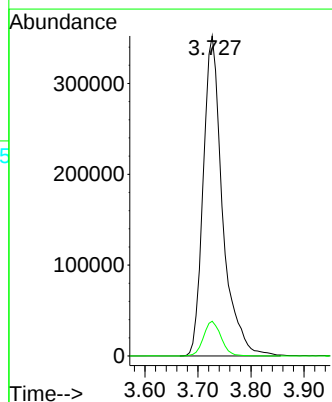
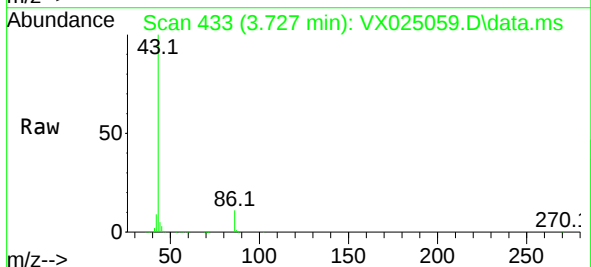
Manual Integrations
APPROVED

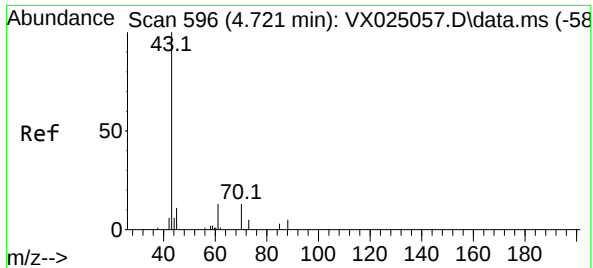
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 386.482 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

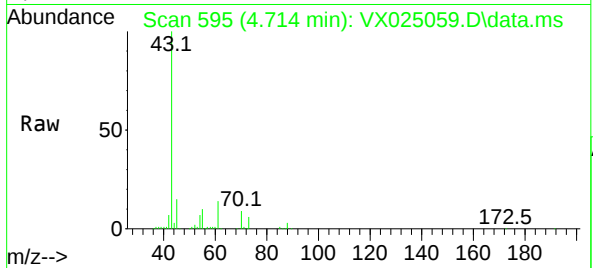
Tgt Ion: 43 Resp: 893423
Ion Ratio Lower Upper
43 100
86 9.8 7.2 10.8





#43
Ethyl Acetate
Concen: 82.459 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

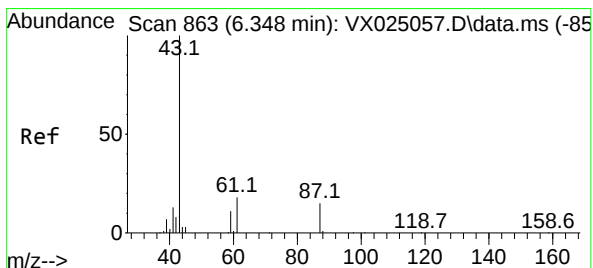
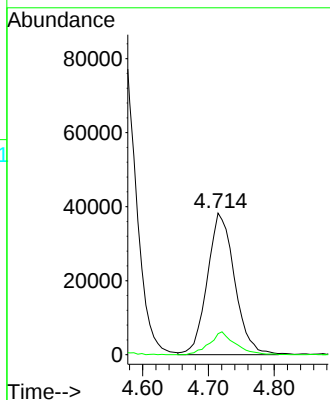
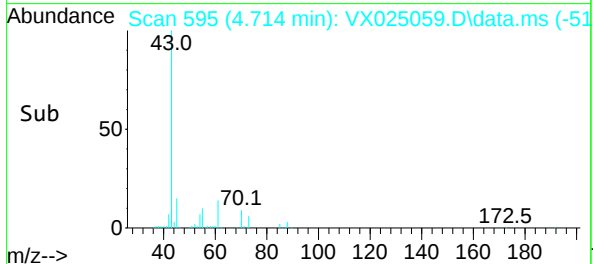
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 110520
Ion Ratio Lower Upper
43 100
45 15.1 12.1 18.1

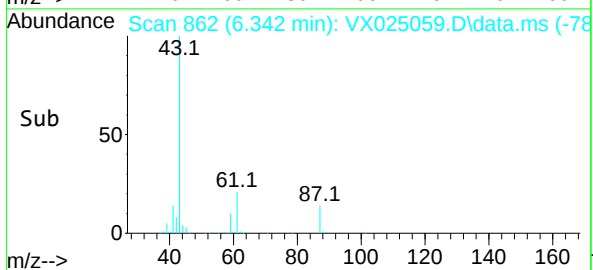
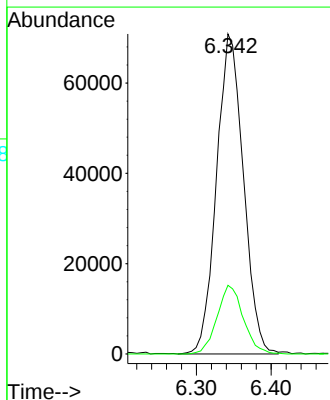
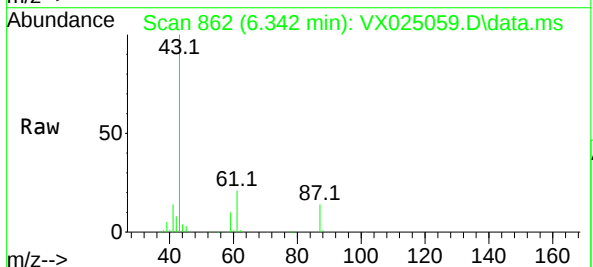
Manual Integrations
APPROVED

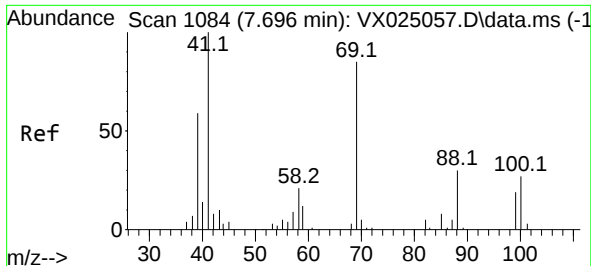
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
Isopropyl Acetate
Concen: 83.226 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 43 Resp: 177043
Ion Ratio Lower Upper
43 100
61 20.9 15.4 23.2





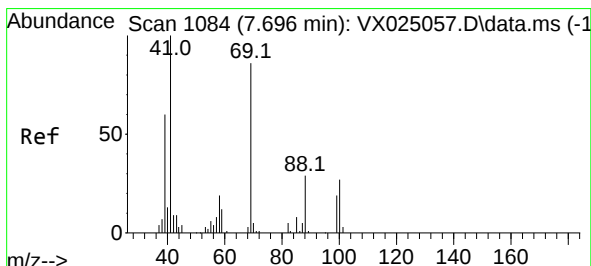
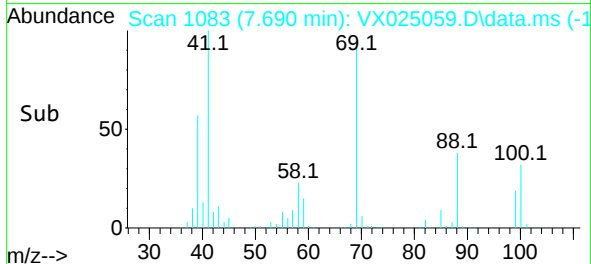
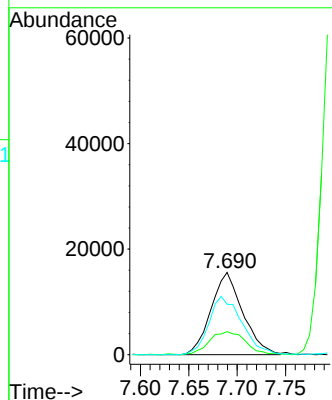
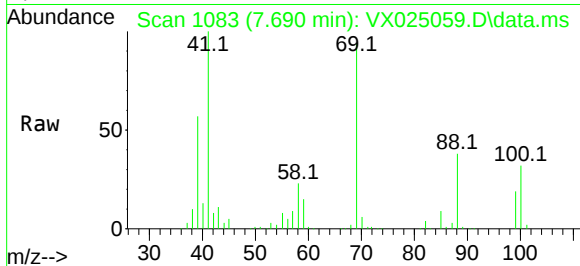
#45
1,4-Dioxane
Concen: 1618.901 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
Client Sample Id :
VSTDICC100

Tgt Ion: 88 Resp: 35574
Ion Ratio Lower Upper
88 100
43 32.2 25.3 37.9
58 74.0 53.1 79.7

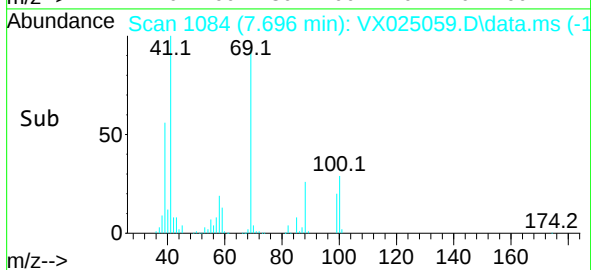
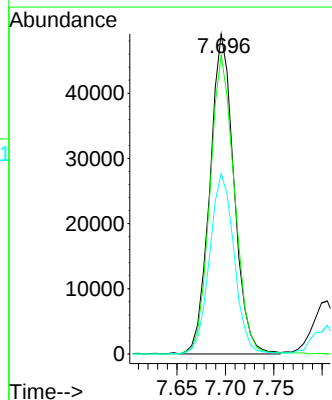
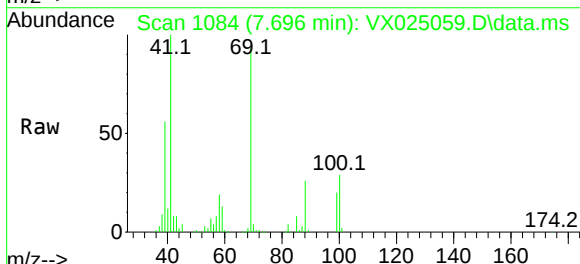
Manual Integrations
APPROVED

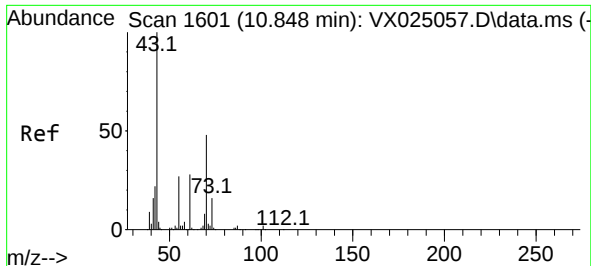
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
Methyl methacrylate
Concen: 82.516 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

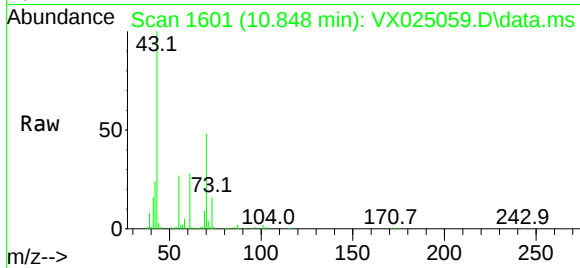
Tgt Ion: 41 Resp: 85204
Ion Ratio Lower Upper
41 100
69 93.4 39.5 118.5
39 56.4 29.0 87.1





#47
n-amy1 Acetate
Concen: 78.699 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

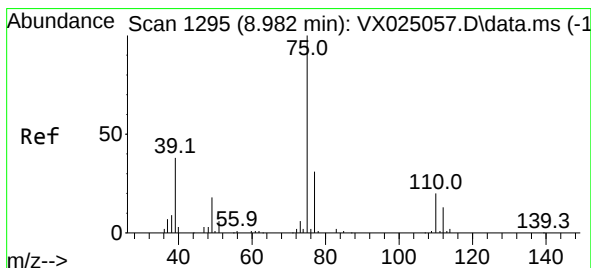
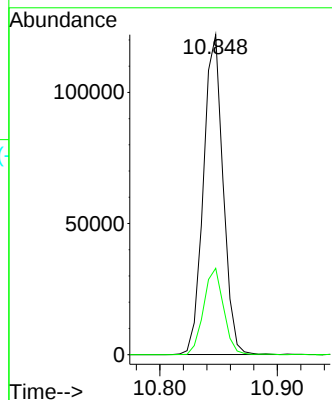
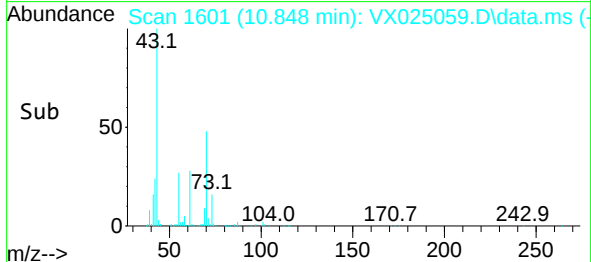
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



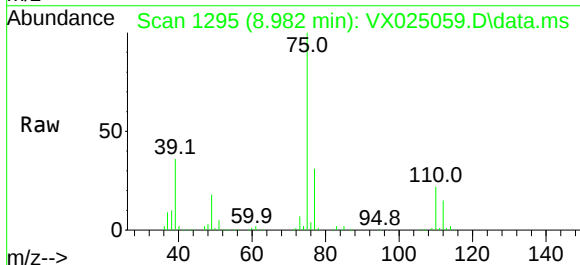
Tgt Ion: 43 Resp: 14140
Ion Ratio Lower Upper
43 100
55 27.3 18.9 28.3

Manual Integrations
APPROVED

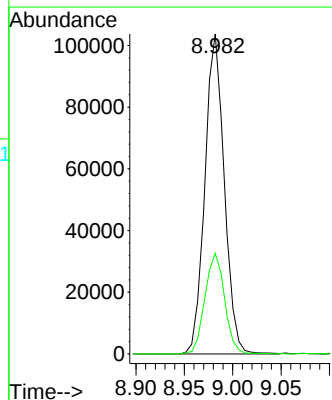
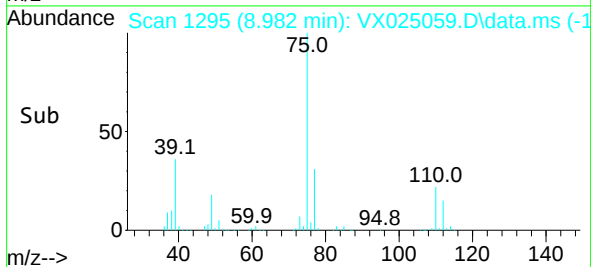
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

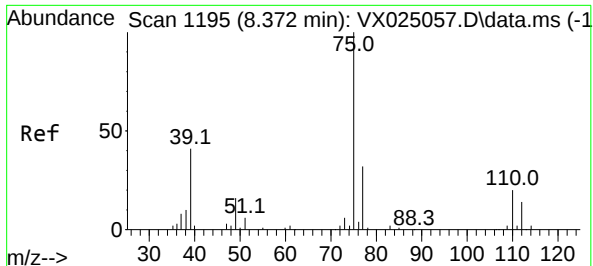


#48
t-1,3-Dichloropropene
Concen: 106.662 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



Tgt Ion: 75 Resp: 144879
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 102.375 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 145360

Ion Ratio Lower Upper

75 100

77 32.5 23.6 35.4

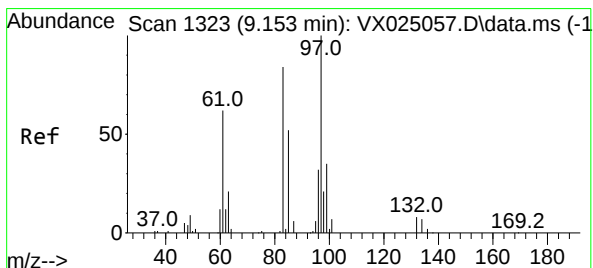
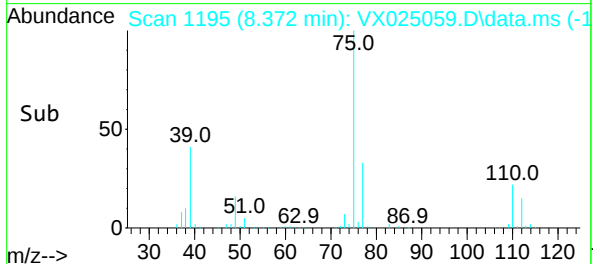
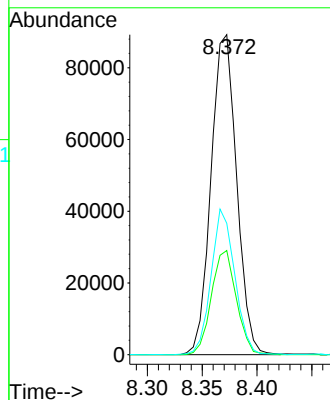
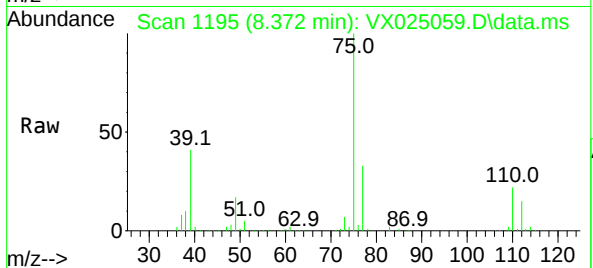
39 40.9 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 93.023 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Tgt Ion: 97 Resp: 83283

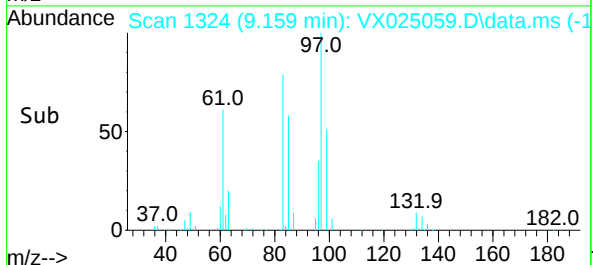
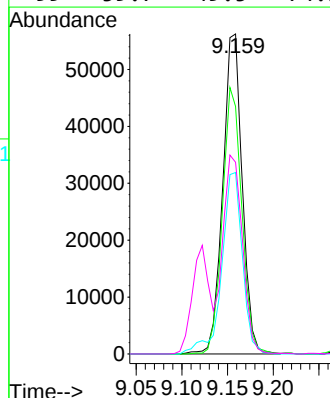
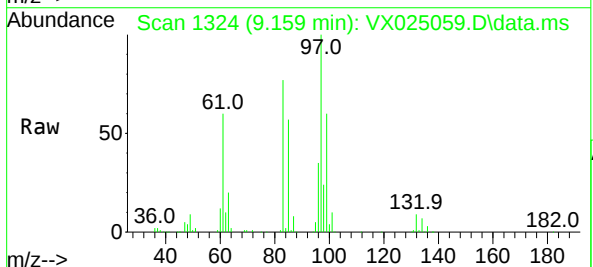
Ion Ratio Lower Upper

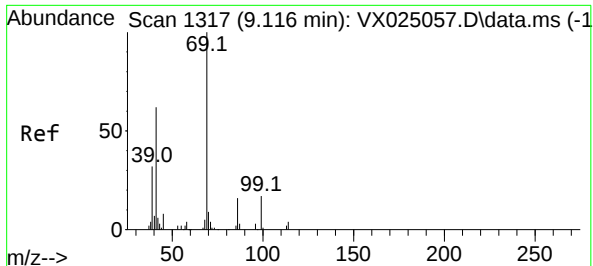
97 100

83 77.3 64.2 96.4

85 56.7 42.4 63.6

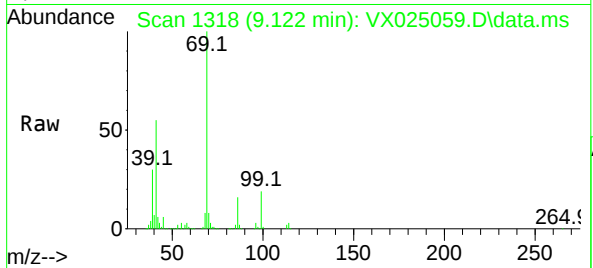
99 59.7 49.5 74.3





#51
Ethyl methacrylate
Concen: 95.845 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

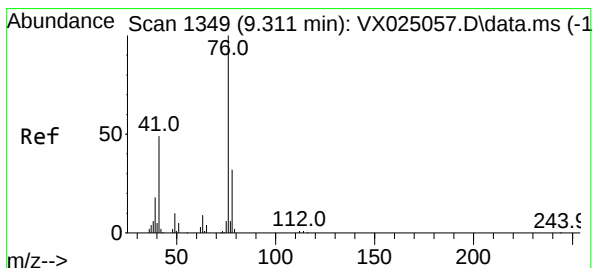
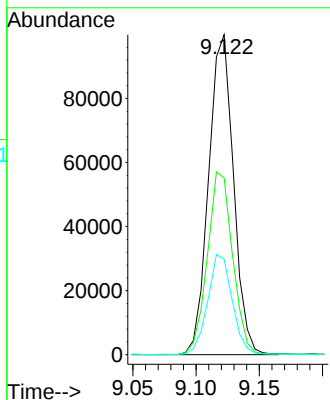
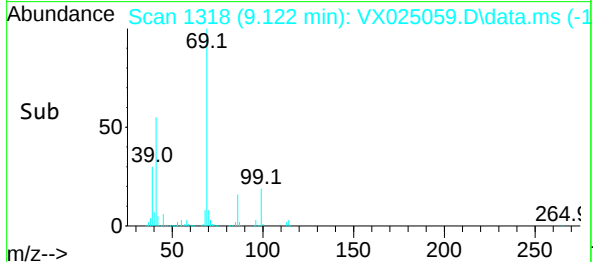
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 136770
Ion Ratio Lower Upper
69 100
41 55.2 35.8 107.3
39 29.8 20.3 60.8

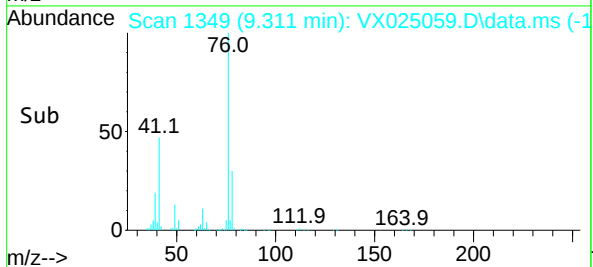
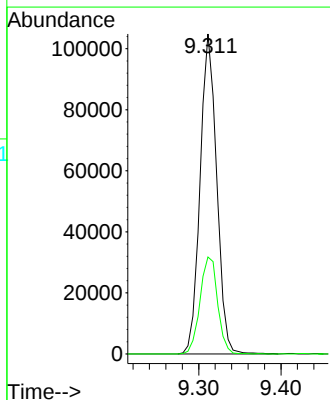
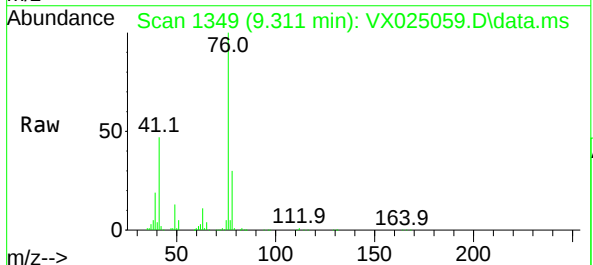
Manual Integrations
APPROVED

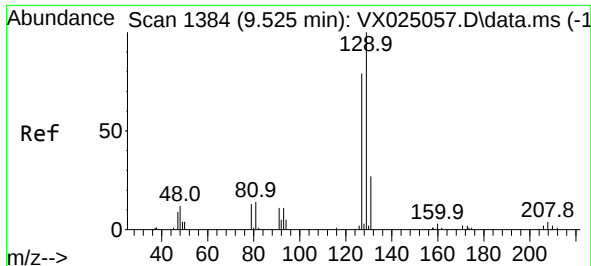
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
1,3-Dichloropropane
Concen: 98.745 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

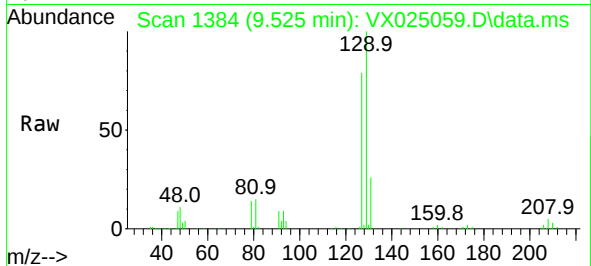
Tgt Ion: 76 Resp: 146763
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.0





#53
Dibromochloromethane
Concen: 107.495 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

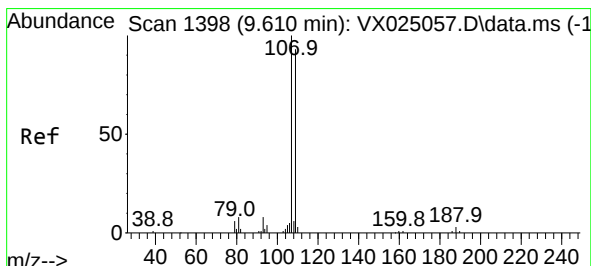
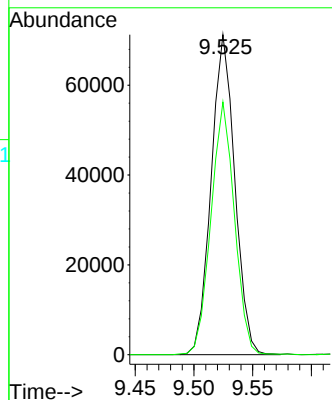
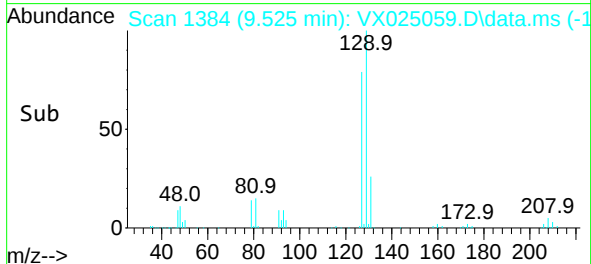
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



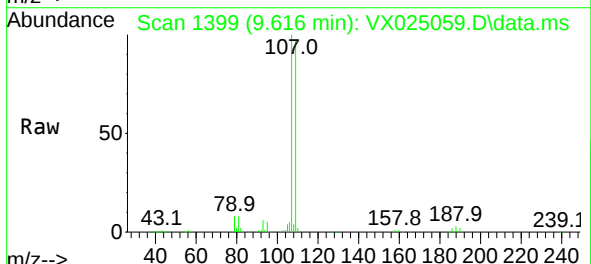
Tgt Ion:129 Resp: 99830
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.9

Manual Integrations
APPROVED

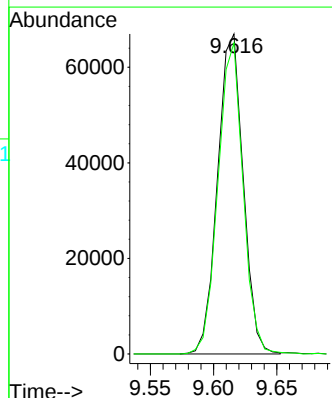
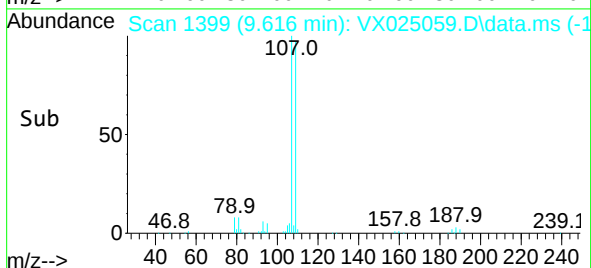
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

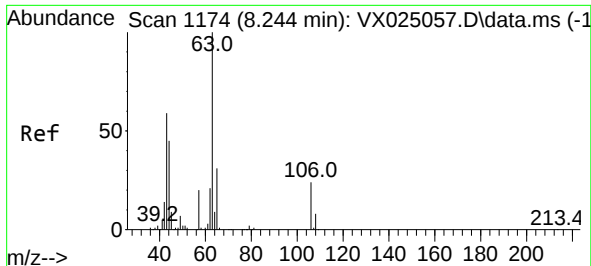


#54
1,2-Dibromoethane
Concen: 98.241 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



Tgt Ion:107 Resp: 94178
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 431.990 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 297640

Ion Ratio Lower Upper

63 100

65 32.6 25.8 38.6

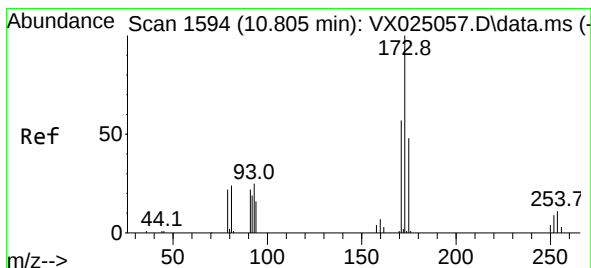
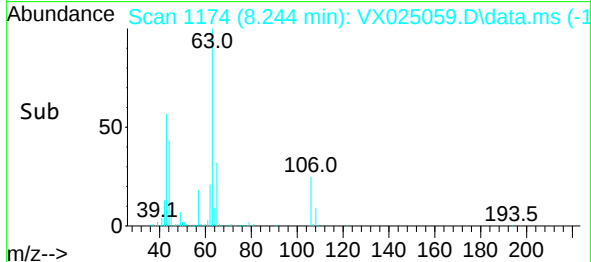
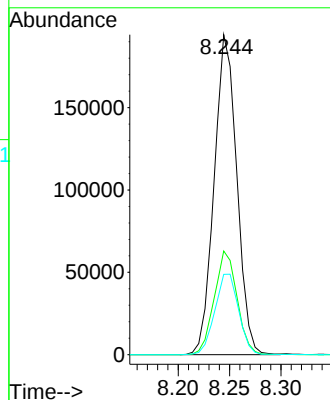
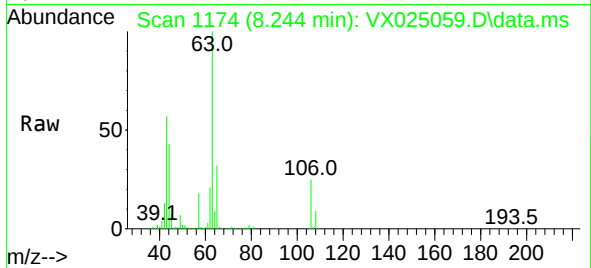
106 26.4 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#56

Bromoform

Concen: 104.980 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

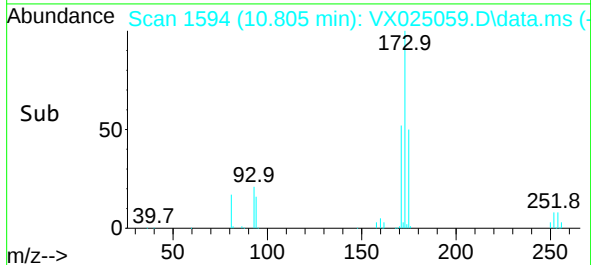
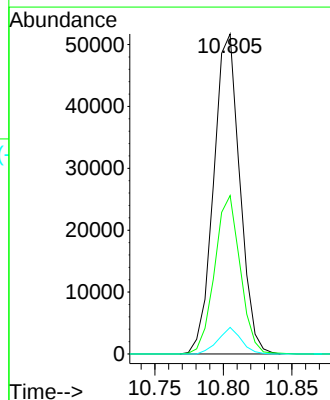
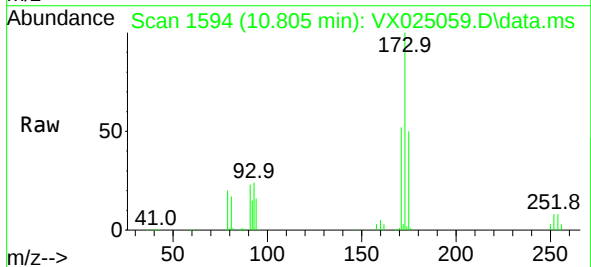
Tgt Ion:173 Resp: 68510

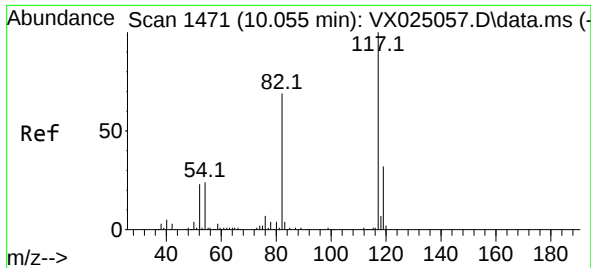
Ion Ratio Lower Upper

173 100

175 48.5 38.4 57.6

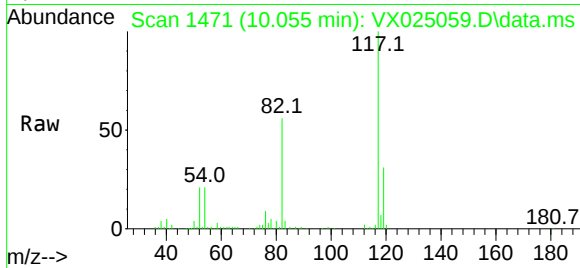
254 7.3 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

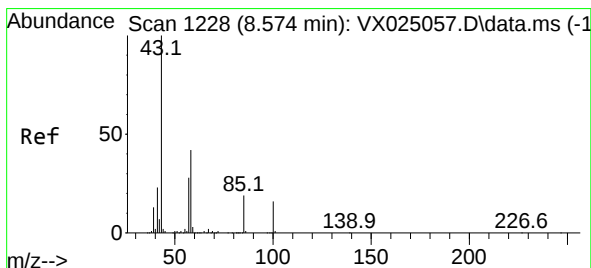
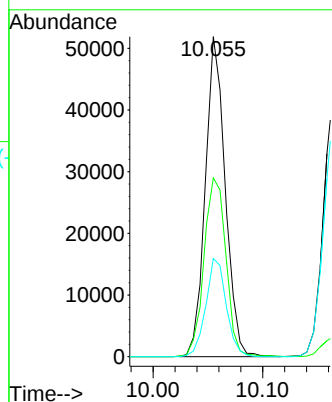
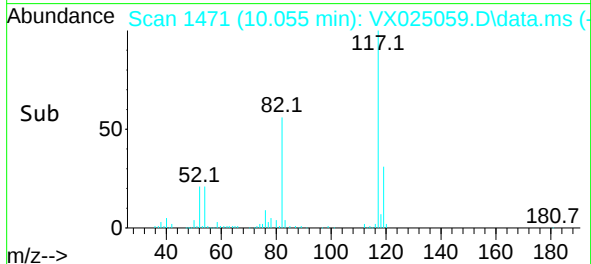
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 65527
Ion Ratio Lower Upper
117 100
82 60.6 45.0 67.4
119 31.5 26.2 39.2

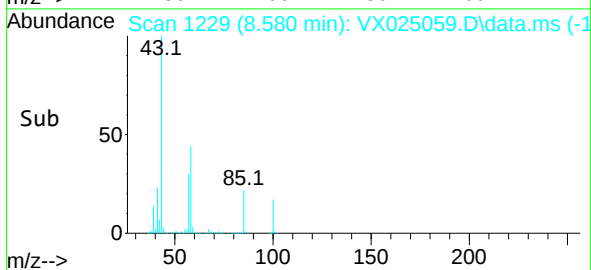
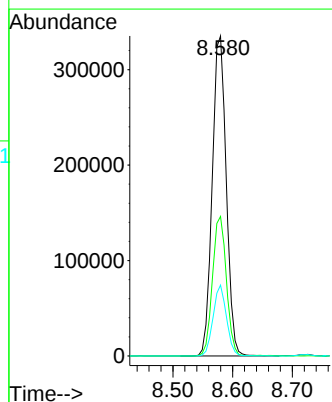
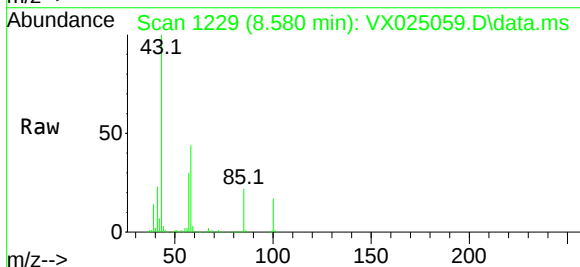
Manual Integrations
APPROVED

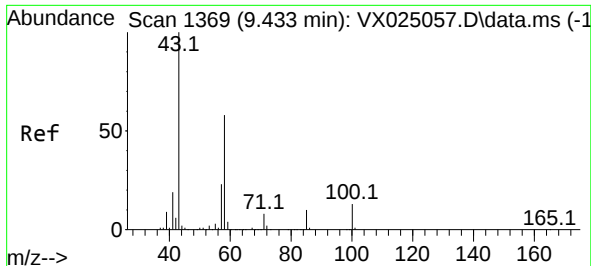
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 398.631 ug/l m
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 43 Resp: 545744
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#
85 0.0 14.0 21.0#





#59

2-Hexanone

Concen: 397.095 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX025059.D

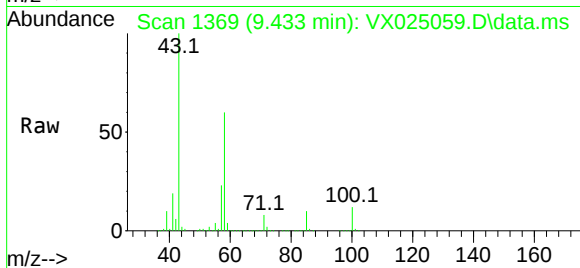
Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



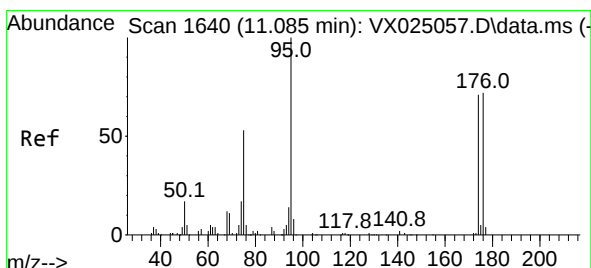
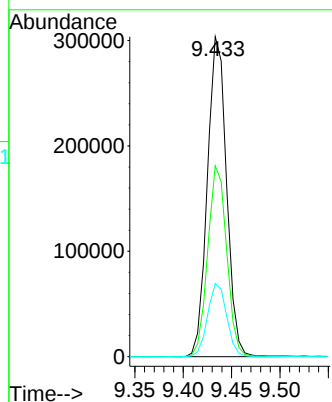
Tgt Ion:	43	Resp:	419328
Ion Ratio	100	Lower	Upper
43	100		
58	59.0	42.1	63.1
57	22.8	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#60

4-Bromofluorobenzene

Concen: 31.722 ug/l

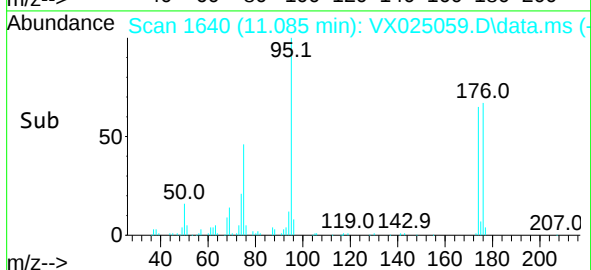
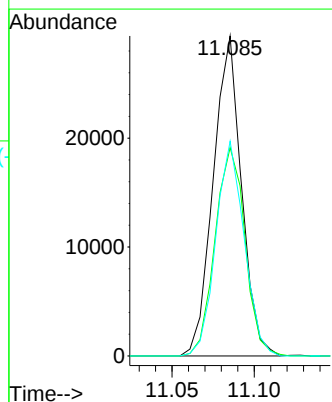
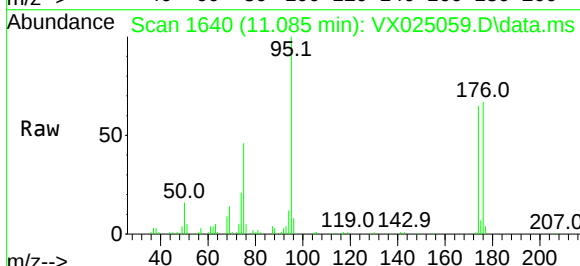
RT: 11.085 min Scan# 1640

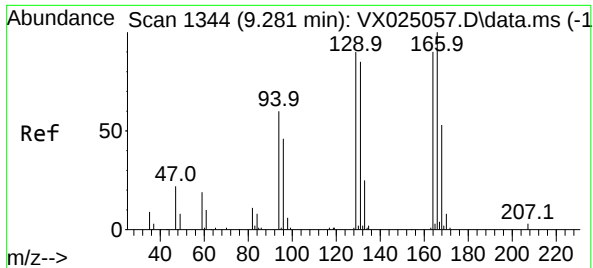
Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

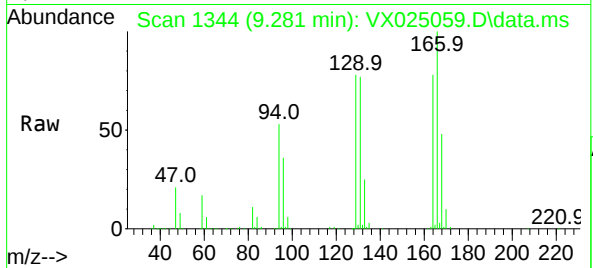
Tgt Ion:	95	Resp:	35104
Ion Ratio	100	Lower	Upper
95	100		
174	68.9	63.5	95.3
176	67.1	63.0	94.4





#61
Tetrachloroethene
Concen: 87.533 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

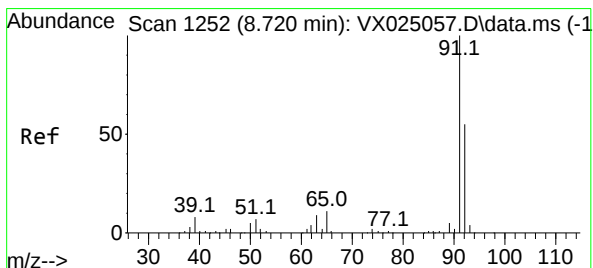
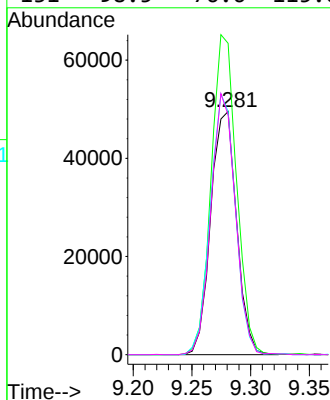
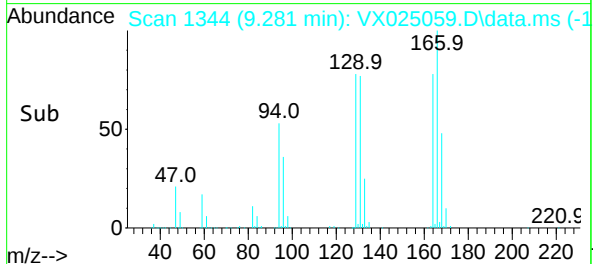
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



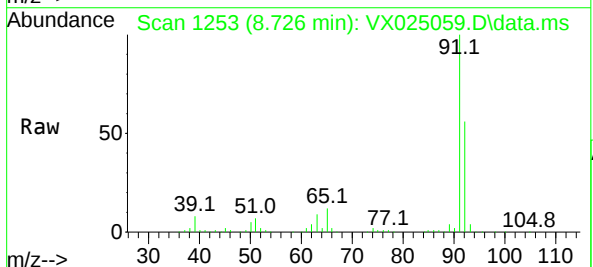
Tgt Ion:164 Resp: 7559
Ion Ratio Lower Upper
164 100
166 128.0 98.6 147.8
129 99.9 79.7 119.5
131 98.5 76.6 115.0

Manual Integrations
APPROVED

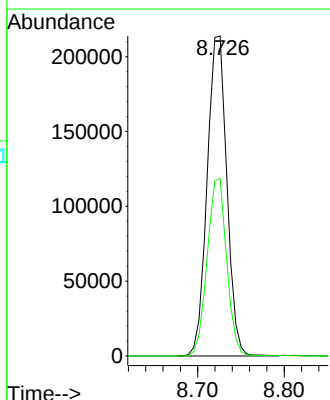
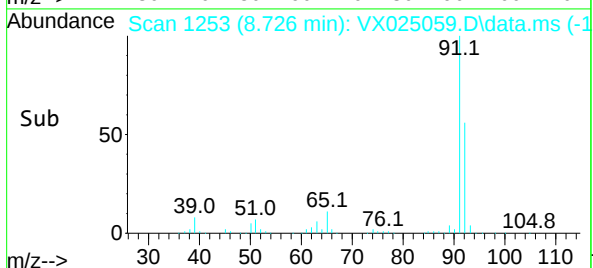
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

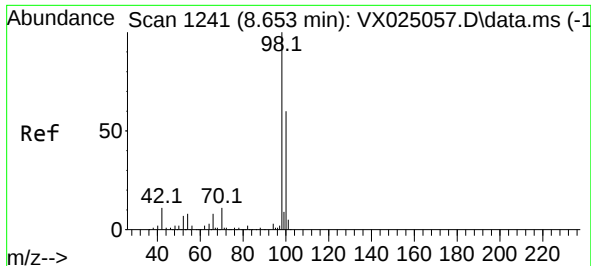


#62
Toluene
Concen: 91.795 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



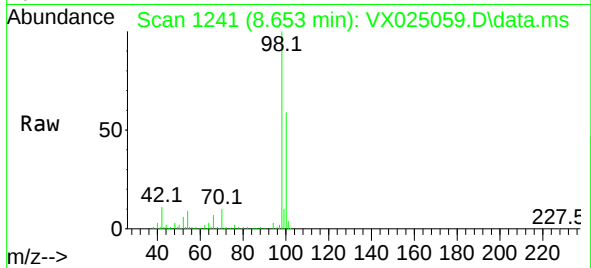
Tgt Ion: 91 Resp: 337917
Ion Ratio Lower Upper
91 100
92 54.7 46.5 69.7





#63
Toluene-d8
Concen: 30.192 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

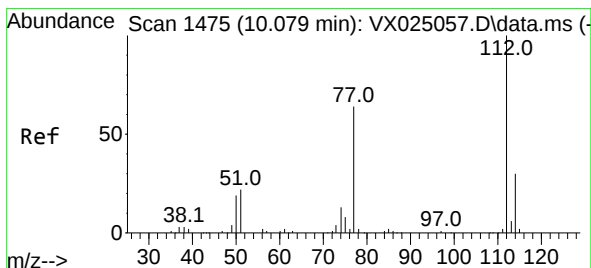
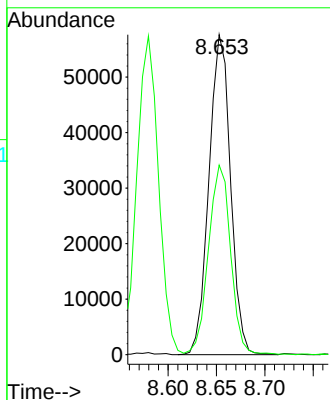
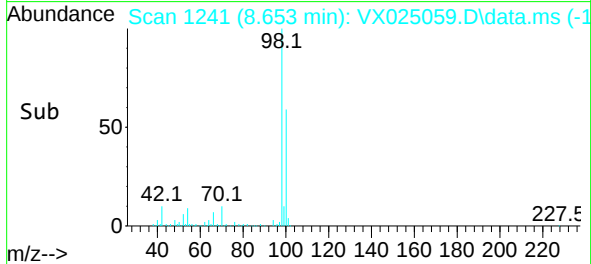
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 89435
Ion Ratio Lower Upper
98 100
100 60.6 51.4 77.0

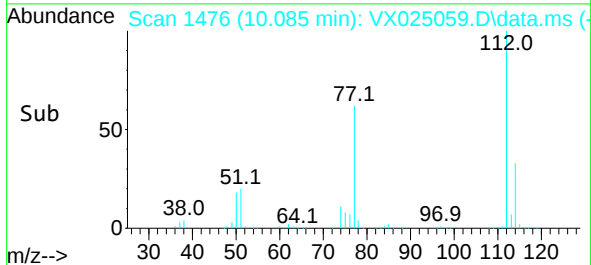
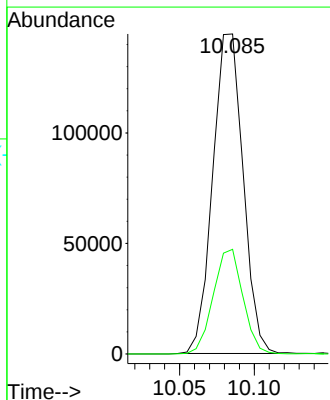
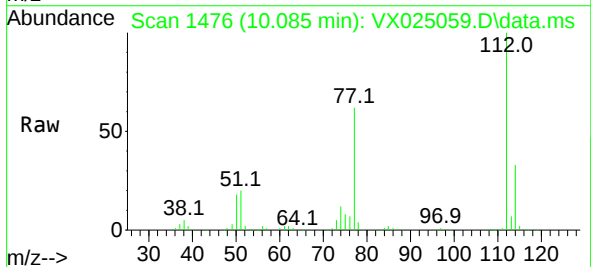
Manual Integrations
APPROVED

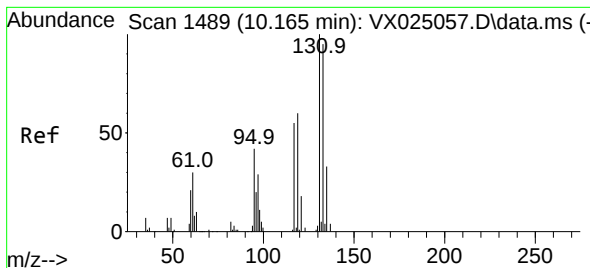
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
Chlorobenzene
Concen: 88.308 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

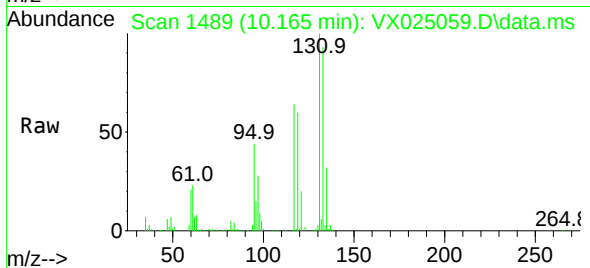
Tgt Ion:112 Resp: 204175
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 102.365 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

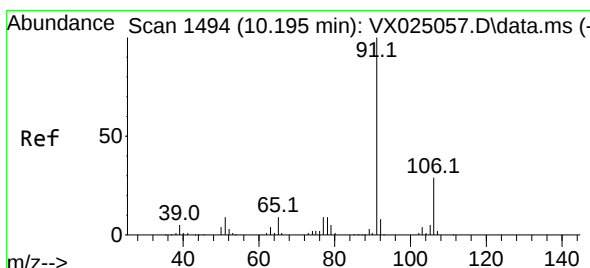
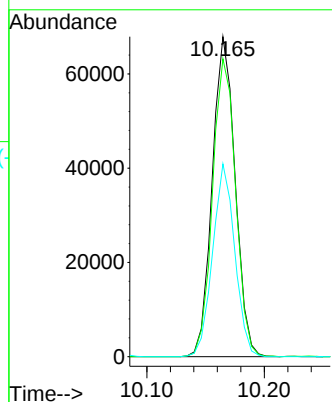
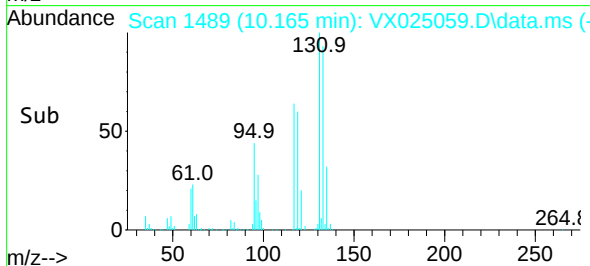
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:131 Resp: 9187
Ion Ratio Lower Upper
131 100
133 93.8 0.0 191.2
119 58.4 0.0 133.2

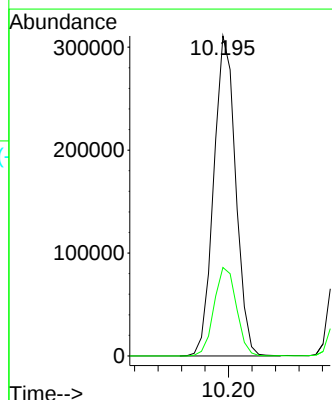
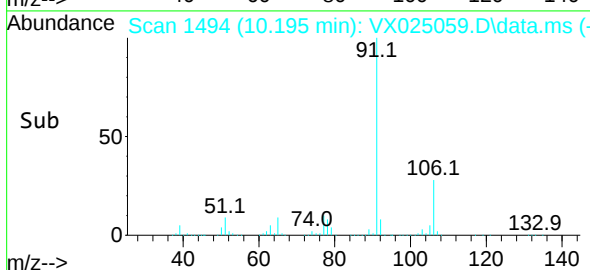
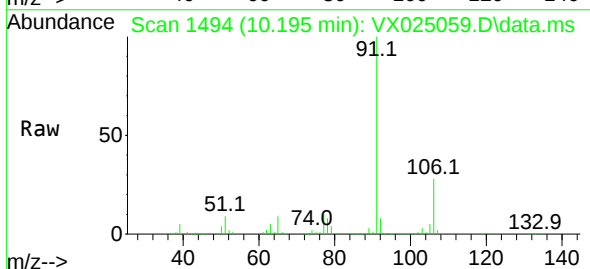
Manual Integrations
APPROVED

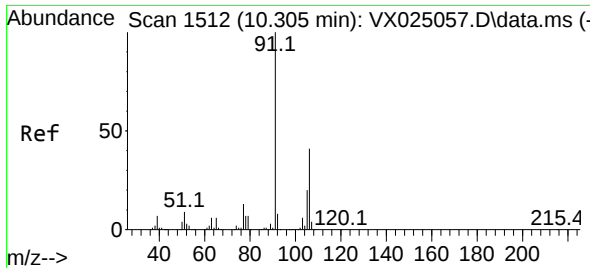
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 97.107 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion: 91 Resp: 403613
Ion Ratio Lower Upper
91 100
106 27.7 24.7 37.1





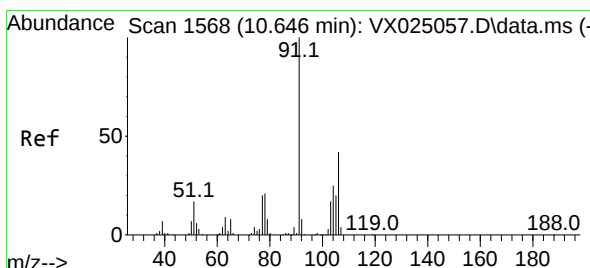
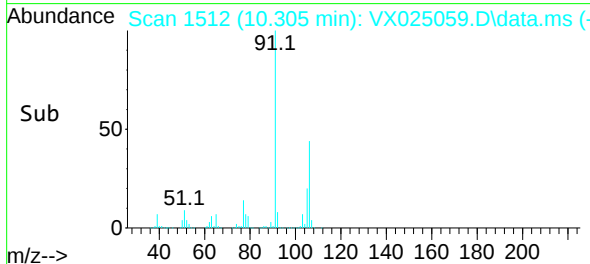
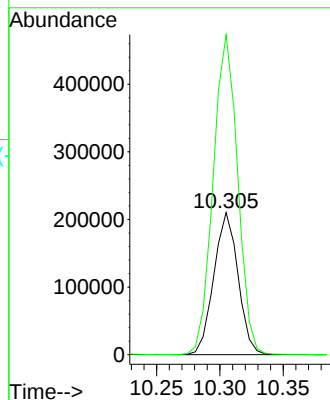
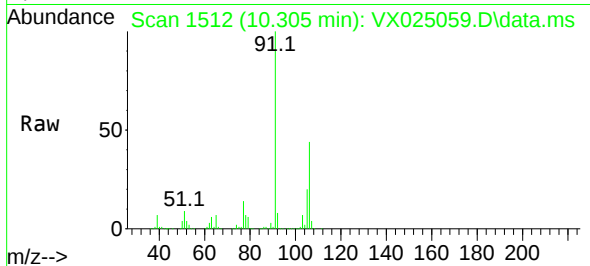
#67
m/p-Xylenes
Concen: 179.122 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 279632
Ion Ratio Lower Upper
106 100
91 228.1 162.4 243.6

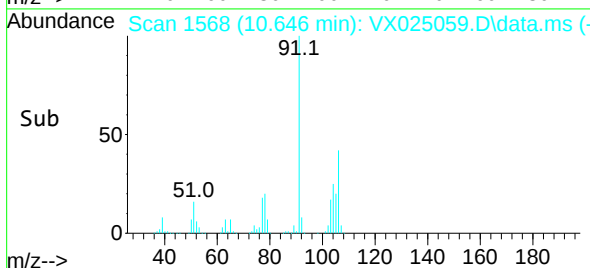
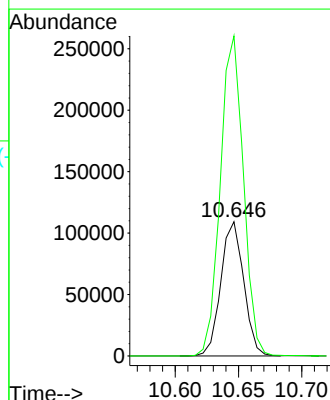
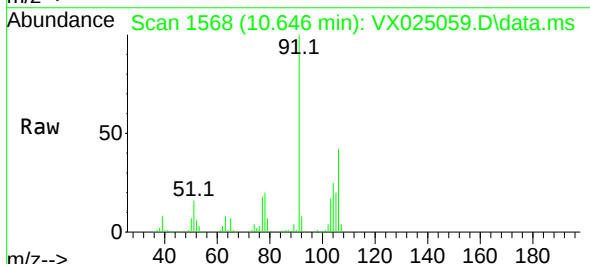
Manual Integrations
APPROVED

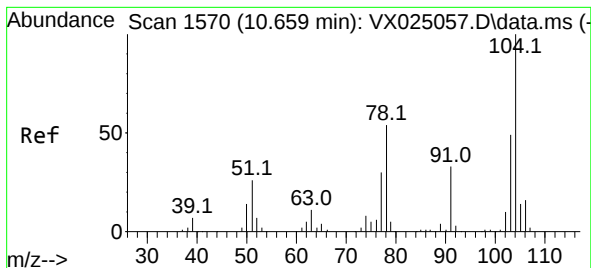
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 88.900 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion:106 Resp: 137347
Ion Ratio Lower Upper
106 100
91 240.3 107.3 321.8





#69

Styrene

Concen: 90.744 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

Instrument :

MSVOA_X

ClientSampleId :

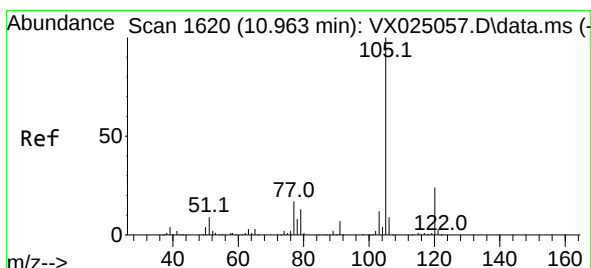
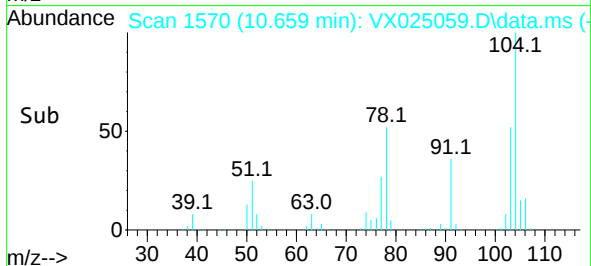
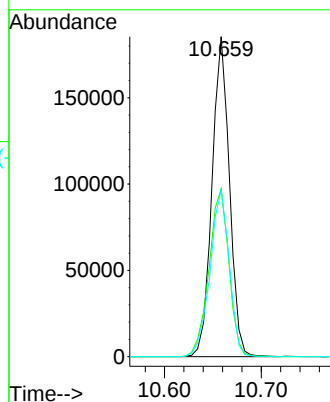
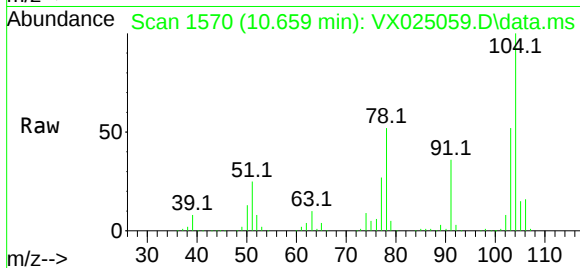
VSTDIC100

Tgt Ion:104 Resp: 231584
 Ion Ratio Lower Upper
 104 100
 78 60.1 41.4 62.0
 103 57.5 44.2 66.4

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 93.677 ug/l

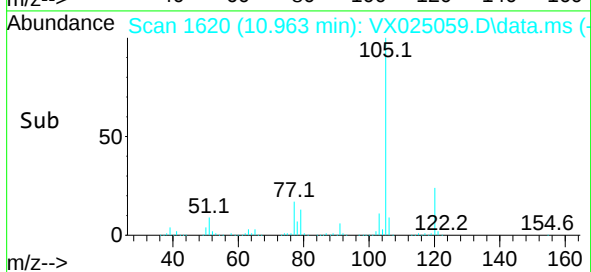
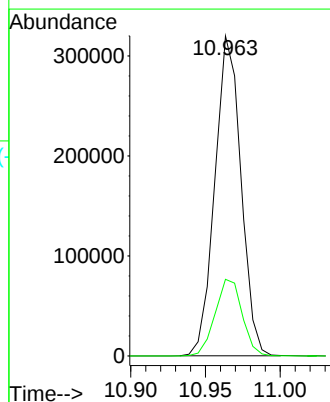
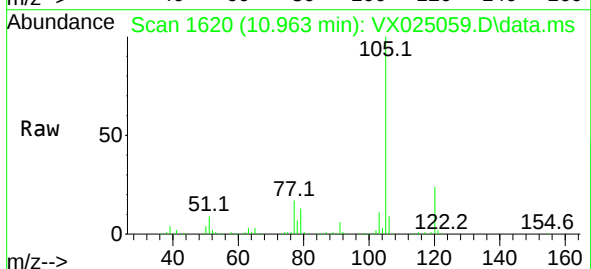
RT: 10.963 min Scan# 1620

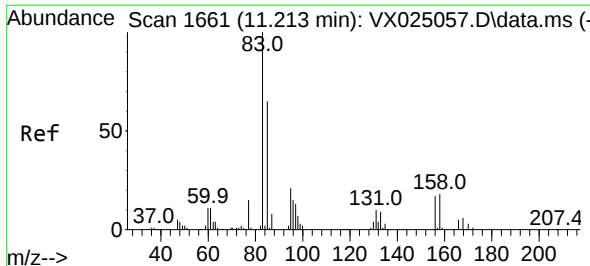
Delta R.T. -0.000 min

Lab File: VX025059.D

Acq: 03 Nov 2021 19:23

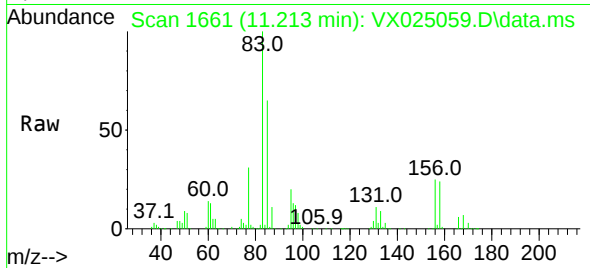
Tgt Ion:105 Resp: 388135
 Ion Ratio Lower Upper
 105 100
 120 25.0 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 96.173 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

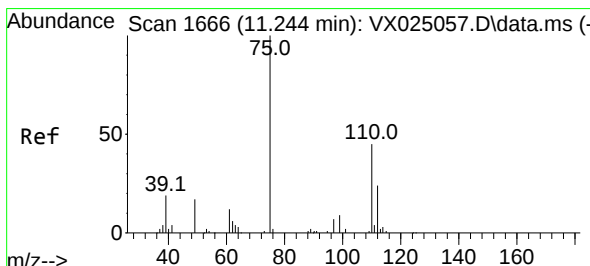
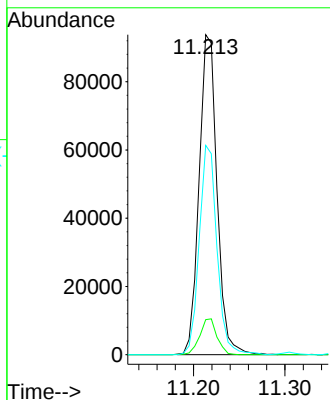
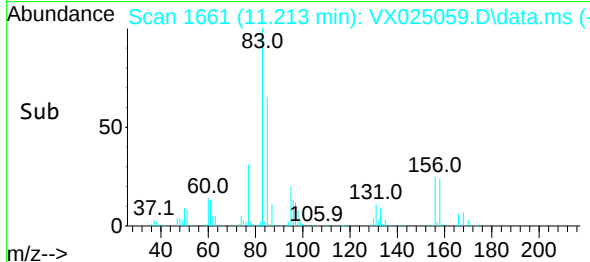
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



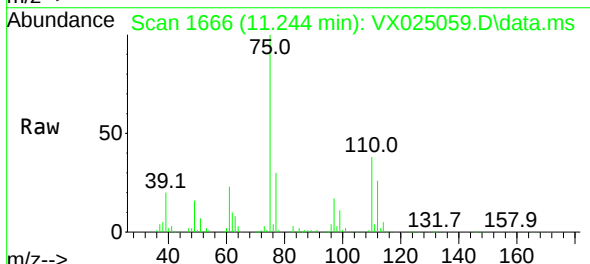
Tgt Ion: 83 Resp: 127549
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.9 32.4 97.2

Manual Integrations
APPROVED

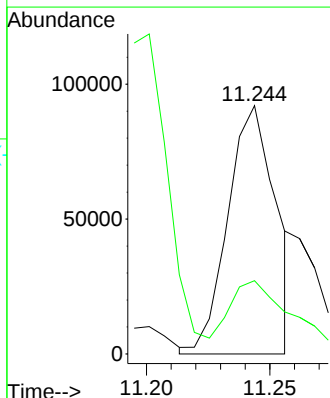
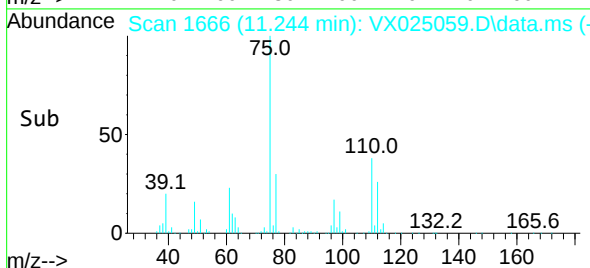
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

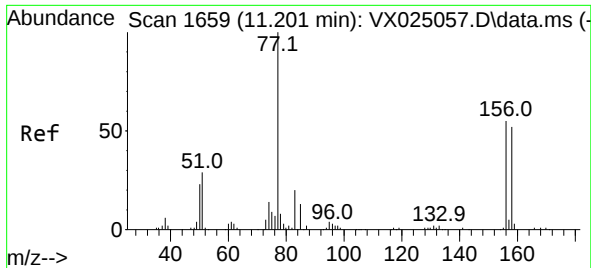


#72
1,2,3-Trichloropropane
Concen: 99.856 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



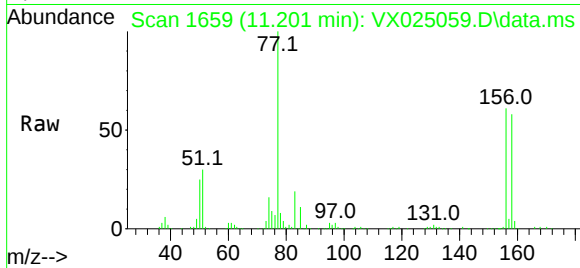
Tgt Ion: 75 Resp: 124702
Ion Ratio Lower Upper
75 100
77 39.0 0.0 77.4





#73
Bromobenzene
Concen: 89.707 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

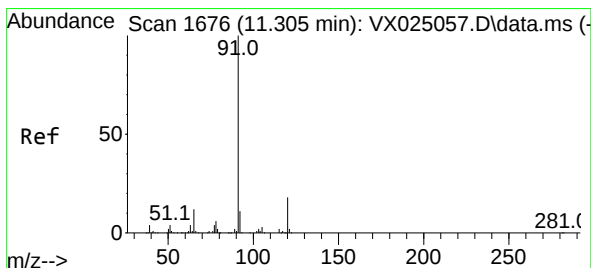
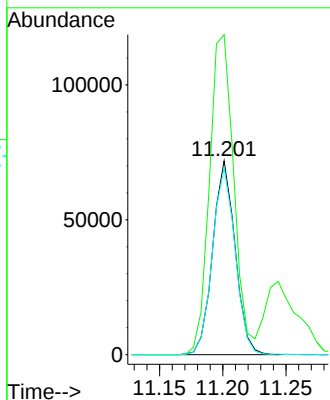
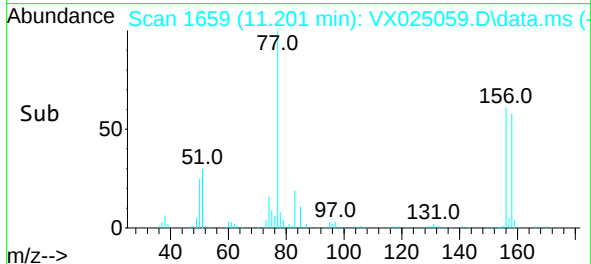
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



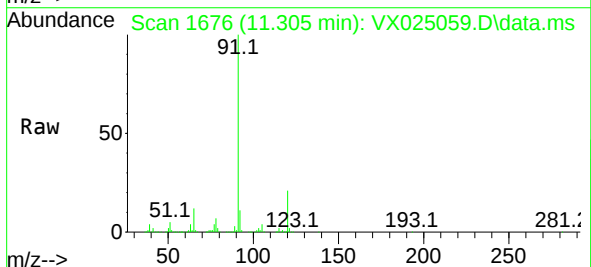
Tgt Ion:156 Resp: 88440
Ion Ratio Lower Upper
156 100
77 179.5 0.0 303.2
158 97.6 0.0 197.2

Manual Integrations
APPROVED

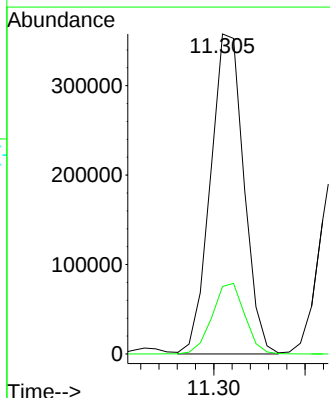
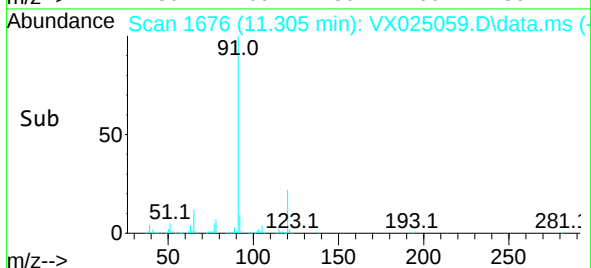
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

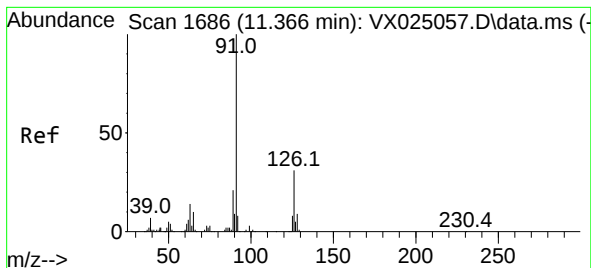


#74
n-propylbenzene
Concen: 94.068 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



Tgt Ion: 91 Resp: 454975
Ion Ratio Lower Upper
91 100
120 21.4 0.0 46.0





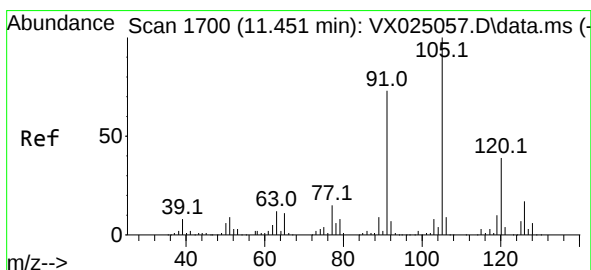
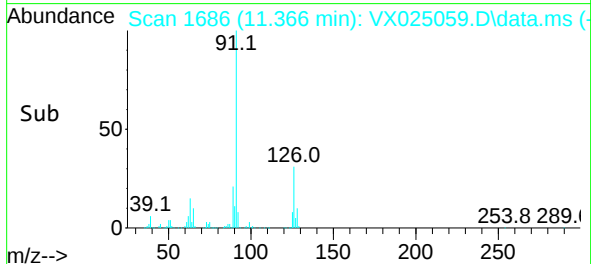
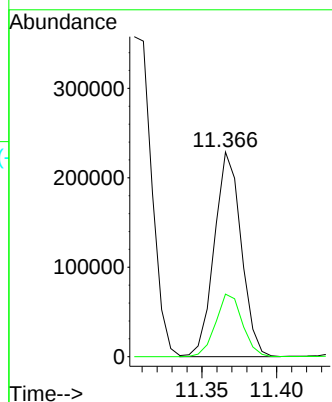
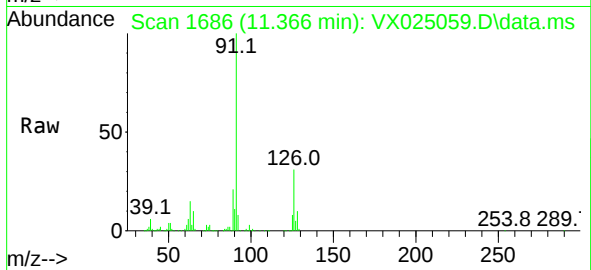
#75
2-Chlorotoluene
Concen: 98.472 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 285915
Ion Ratio Lower Upper
91 100
126 30.5 0.0 69.0

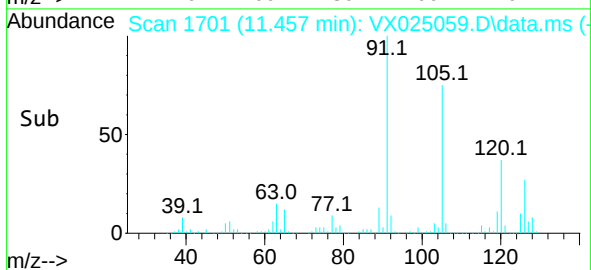
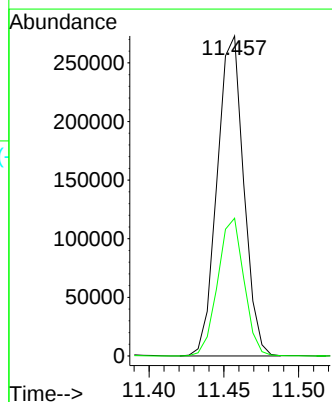
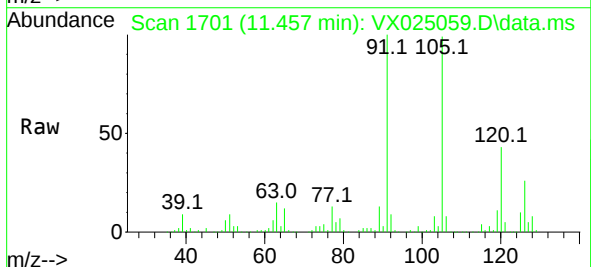
Manual Integrations
APPROVED

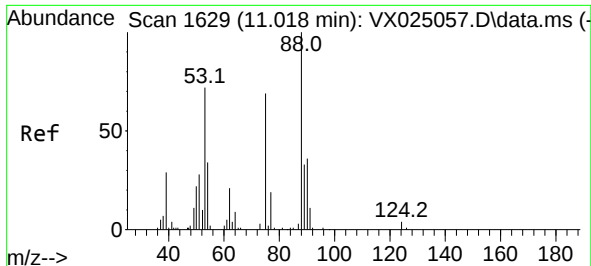
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,3,5-Trimethylbenzene
Concen: 97.116 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

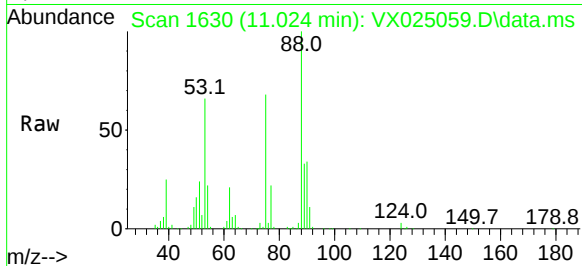
Tgt Ion:105 Resp: 337113
Ion Ratio Lower Upper
105 100
120 42.6 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 95.202 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

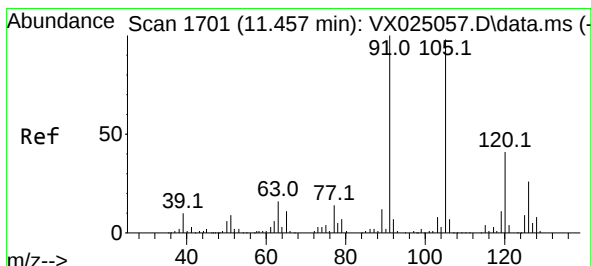
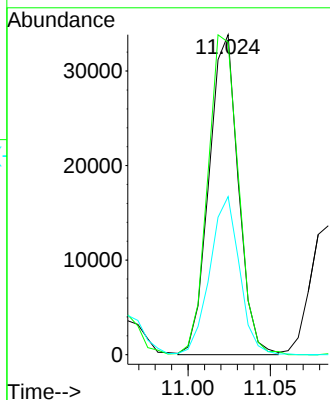
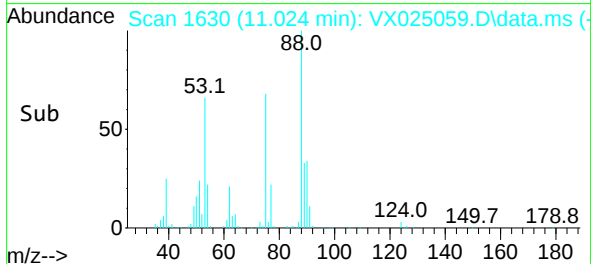
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 42014
Ion Ratio Lower Upper
75 100
53 97.7 53.9 161.7
89 49.4 22.9 68.7

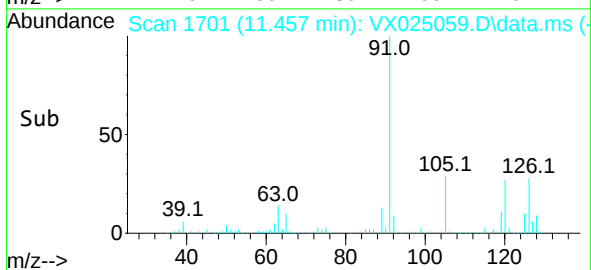
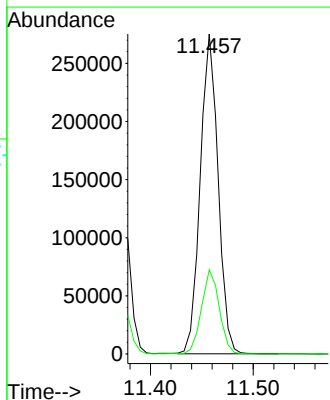
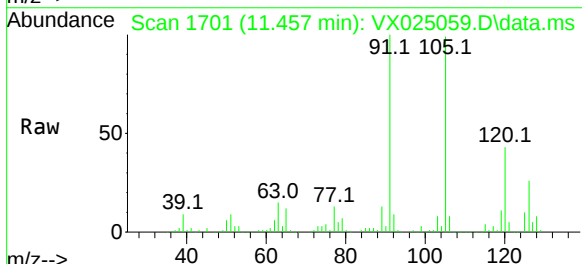
Manual Integrations
APPROVED

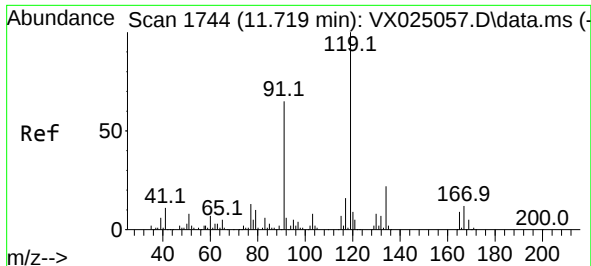
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
4-Chlorotoluene
Concen: 100.630 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

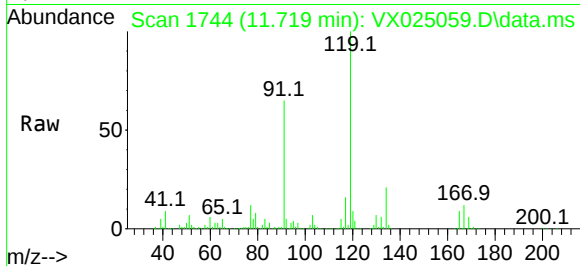
Tgt Ion: 91 Resp: 332543
Ion Ratio Lower Upper
91 100
126 26.3 0.0 59.6





#79
tert-butylbenzene
Concen: 96.040 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

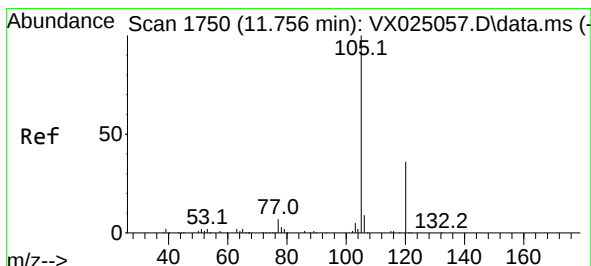
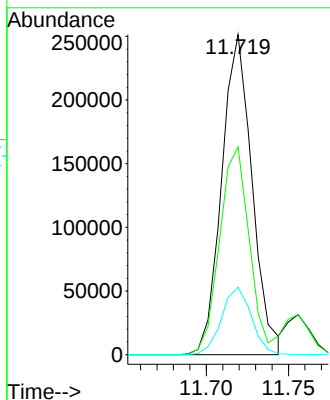
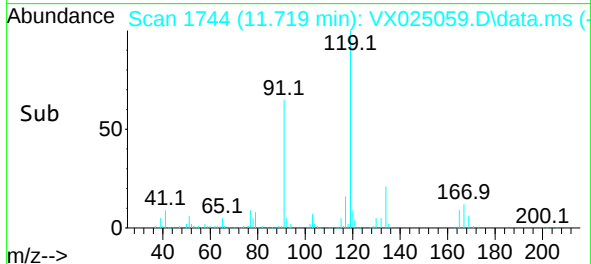
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 32284
Ion Ratio Lower Upper
119 100
91 63.1 0.0 121.2
134 20.8 0.0 47.4

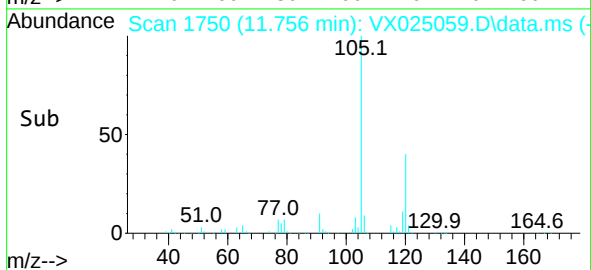
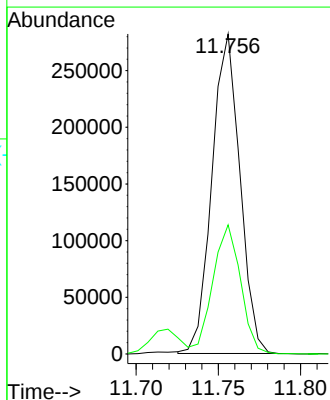
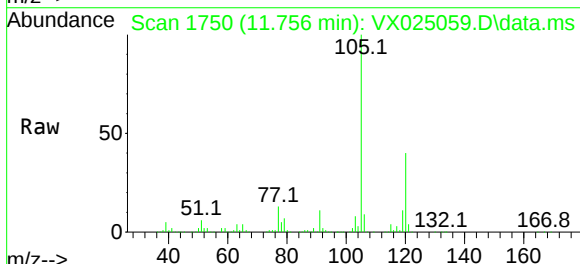
Manual Integrations
APPROVED

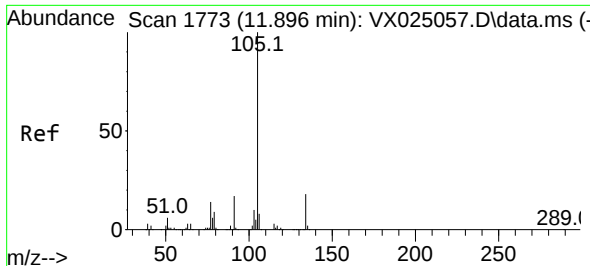
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 97.006 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

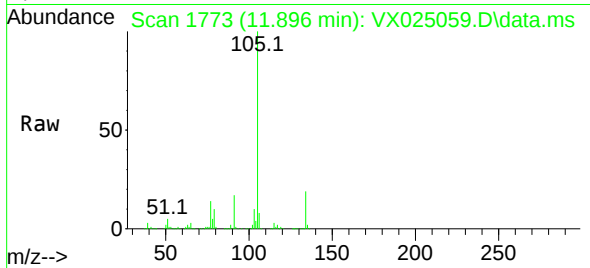
Tgt Ion:105 Resp: 333257
Ion Ratio Lower Upper
105 100
120 40.1 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 94.518 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VX025059.D
 Acq: 03 Nov 2021 19:23

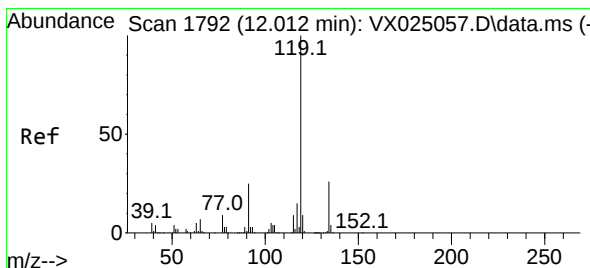
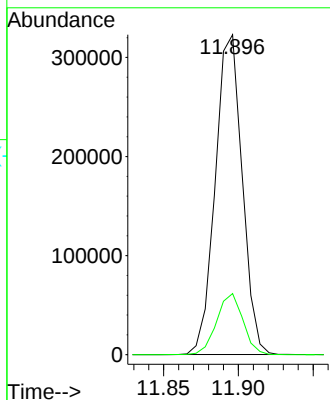
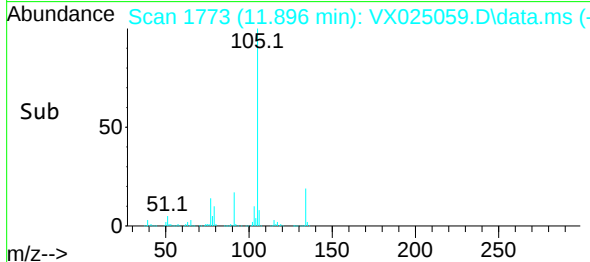
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



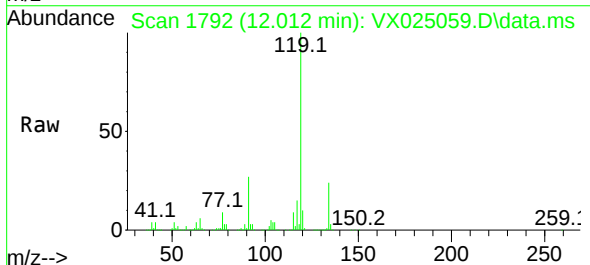
Tgt Ion:105 Resp: 404618
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 40.2

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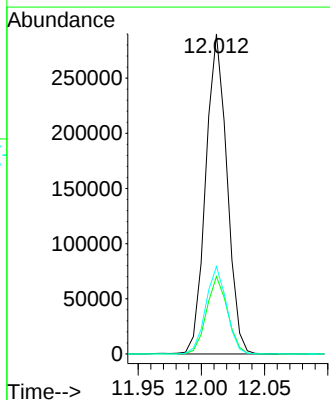
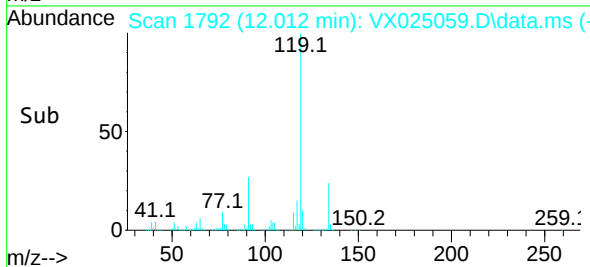
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021

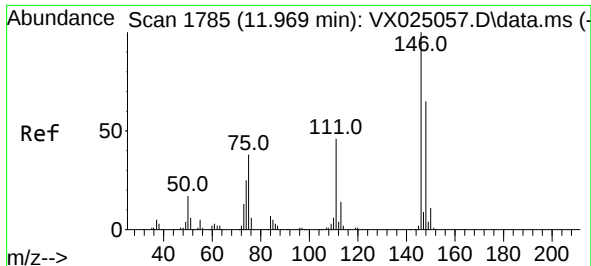


#82
 p-Isopropyltoluene
 Concen: 95.900 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025059.D
 Acq: 03 Nov 2021 19:23



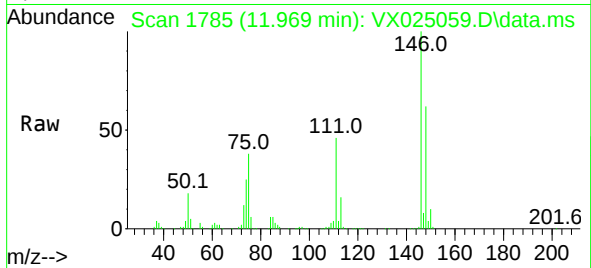
Tgt Ion:119 Resp: 337960
 Ion Ratio Lower Upper
 119 100
 134 23.9 0.0 52.8
 91 26.7 0.0 48.6





#83
1,3-Dichlorobenzene
Concen: 91.596 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

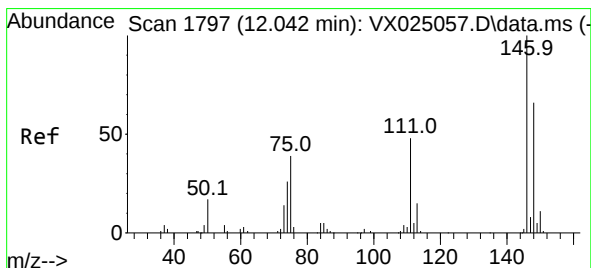
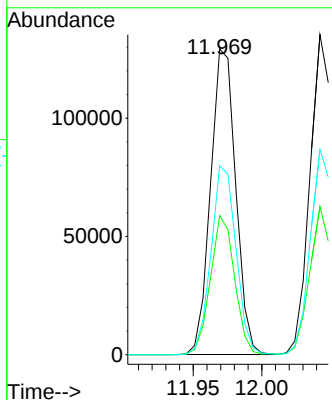
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



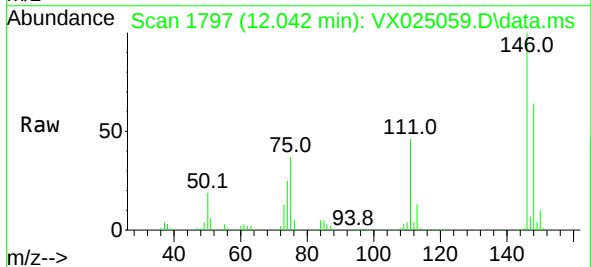
Tgt Ion:146 Resp: 164968
Ion Ratio Lower Upper
146 100
111 43.8 20.1 60.2
148 61.7 31.9 95.5

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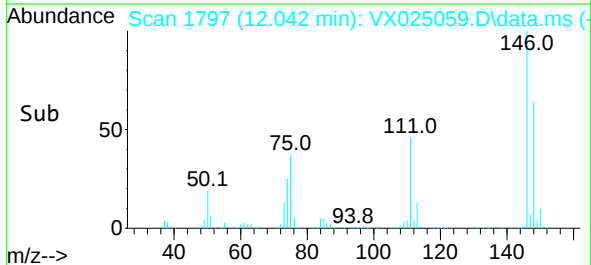
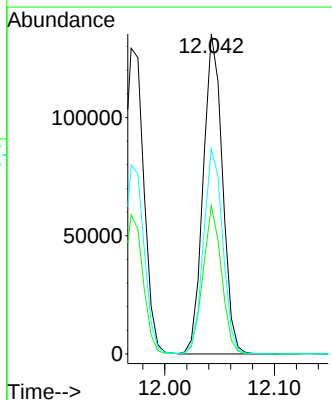
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

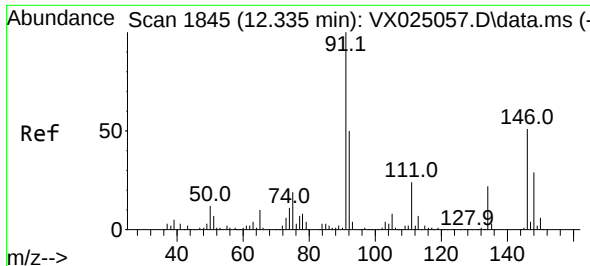


#84
1,4-Dichlorobenzene
Concen: 92.491 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



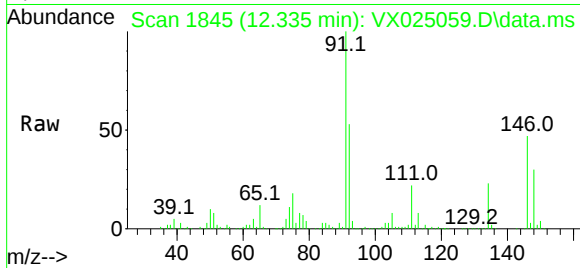
Tgt Ion:146 Resp: 164950
Ion Ratio Lower Upper
146 100
111 44.5 18.9 56.9
148 64.0 31.4 94.2





#85
n-Butylbenzene
Concen: 97.936 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

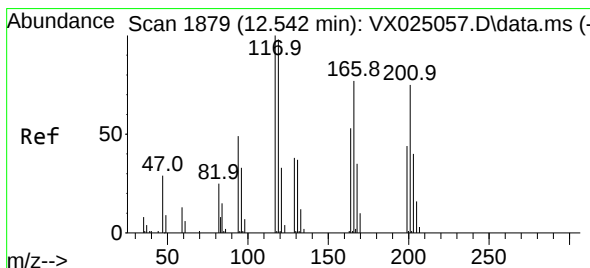
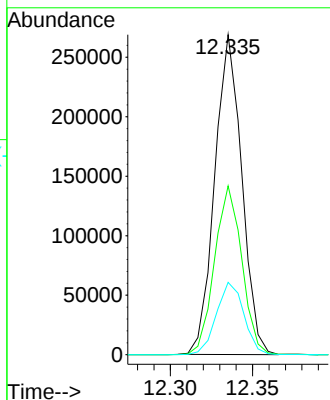
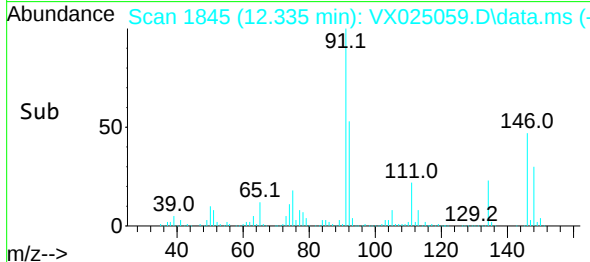
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 30712
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.4
134 23.0 0.0 52.4

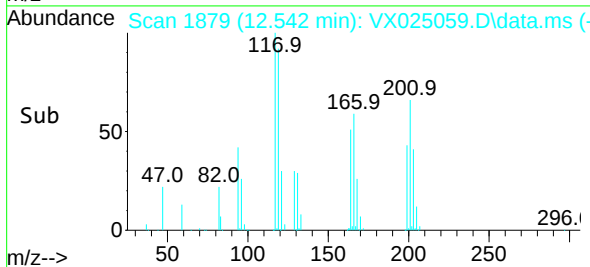
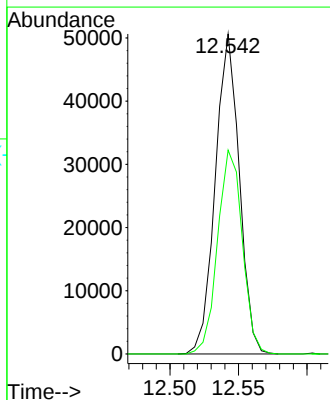
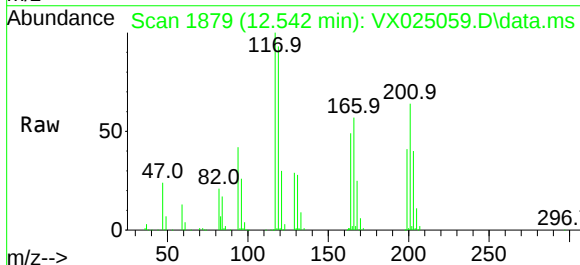
Manual Integrations
APPROVED

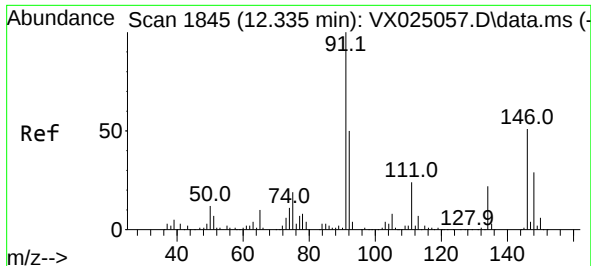
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#86
Hexachloroethane
Concen: 105.375 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

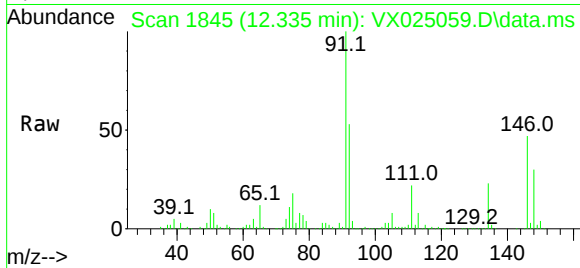
Tgt Ion:117 Resp: 61620
Ion Ratio Lower Upper
117 100
201 65.6 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 92.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

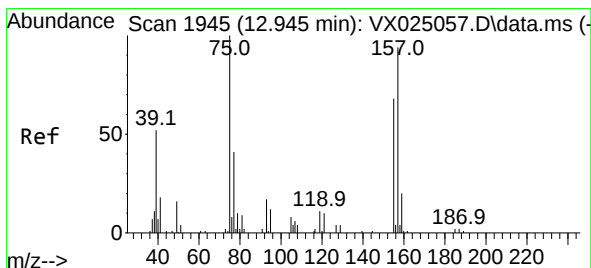
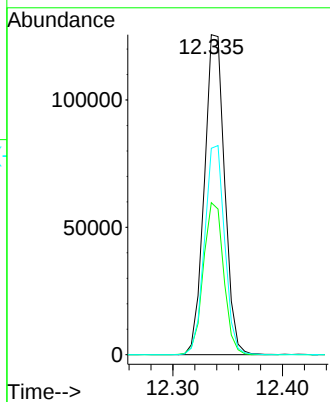
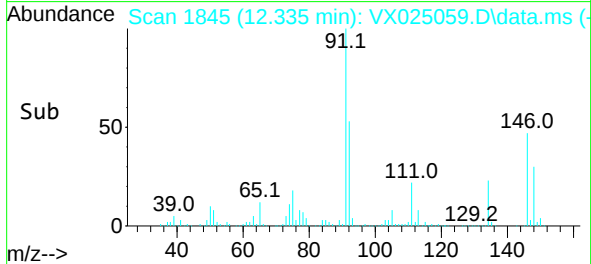
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



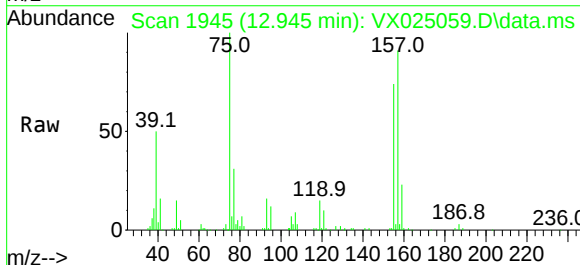
Tgt Ion:146 Resp: 161550
Ion Ratio Lower Upper
146 100
111 47.6 20.7 62.1
148 64.8 32.6 97.8

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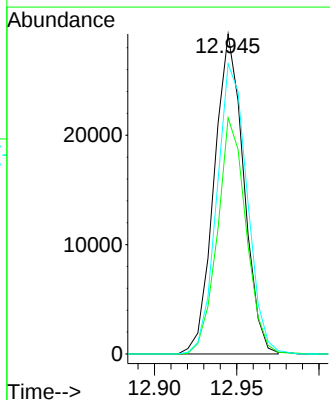
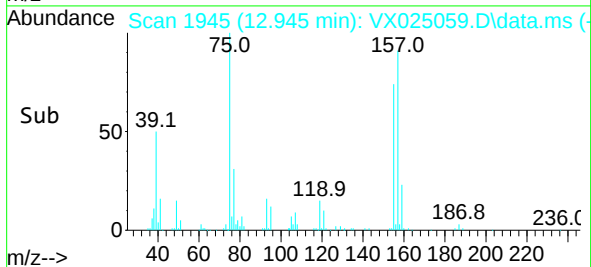
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

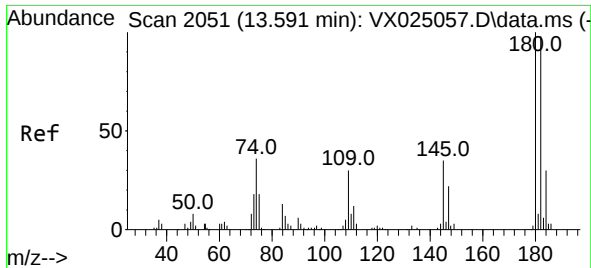


#88
1,2-Dibromo-3-Chloropropane
Concen: 117.637 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



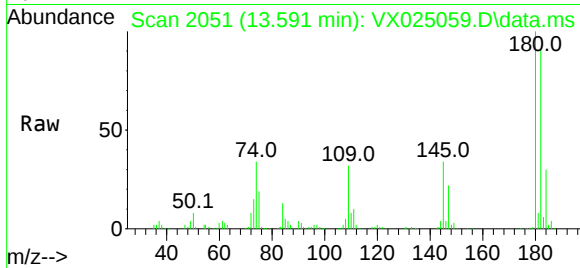
Tgt Ion: 75 Resp: 36362
Ion Ratio Lower Upper
75 100
155 71.8 67.4 101.2
157 93.2 85.8 128.8





#89
1,2,4-Trichlorobenzene
Concen: 92.763 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

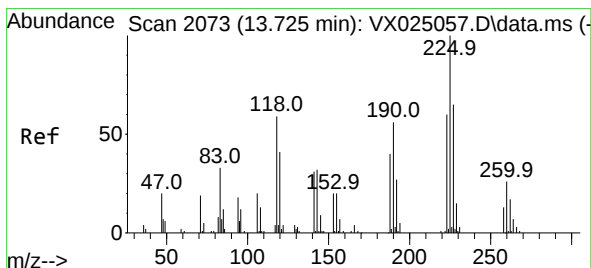
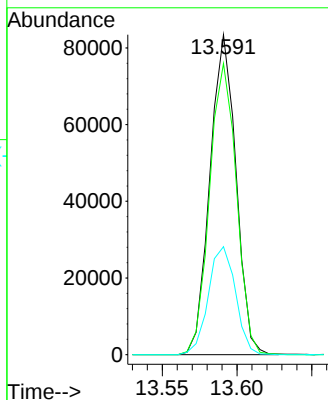
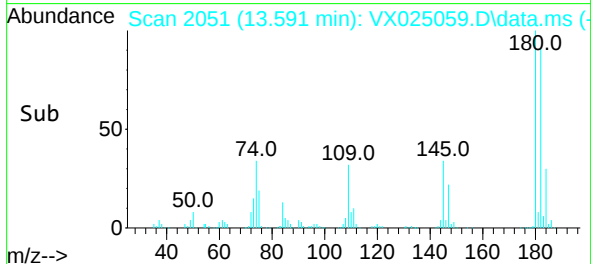
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



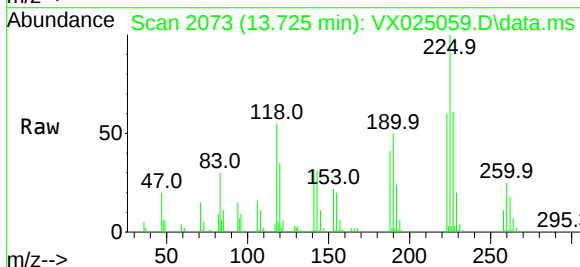
Tgt Ion:180 Resp: 101070
Ion Ratio Lower Upper
180 100
182 93.6 75.9 113.9
145 35.3 24.2 36.4

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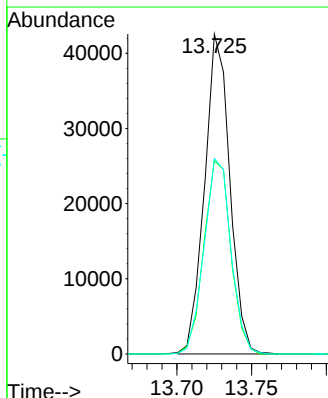
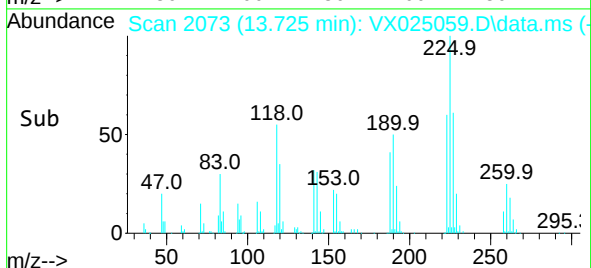
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

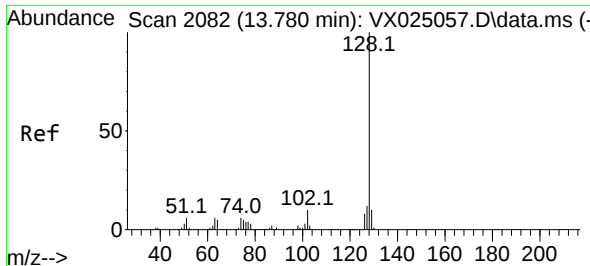


#90
Hexachlorobutadiene
Concen: 101.291 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23



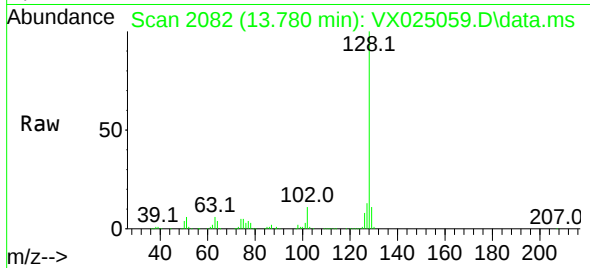
Tgt Ion:225 Resp: 49971
Ion Ratio Lower Upper
225 100
223 64.5 0.0 126.4
227 65.0 0.0 125.0





#91
Naphthalene
Concen: 97.164 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

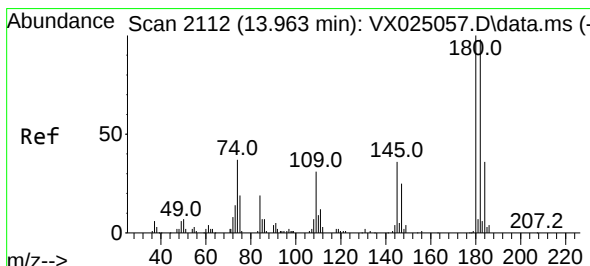
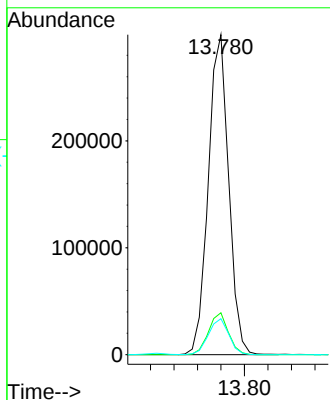
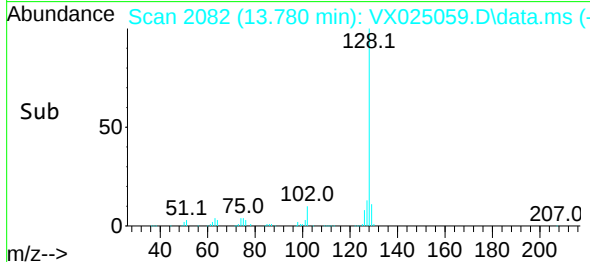
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 36074
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.3 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: 94.521 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025059.D
Acq: 03 Nov 2021 19:23

Tgt Ion:180 Resp: 103097
Ion Ratio Lower Upper
180 100
182 95.0 0.0 193.4
145 35.9 0.0 64.4

