

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028633.D
 Acq On : 12 May 2022 12:31
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 12 14:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	14767	5.541	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	11.080%#		
35) Dibromofluoromethane	5.391	113	11589	4.897	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.800%#		
50) Toluene-d8	8.647	98	43100	4.755	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.500%#		
62) 4-Bromofluorobenzene	11.085	95	14748	4.278	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12096	7.802	ug/l	97
3) Chloromethane	1.294	50	13208	7.846	ug/l	98
4) Vinyl Chloride	1.374	62	13839	6.388	ug/l	96
5) Bromomethane	1.605	94	13643	6.518	ug/l	99
6) Chloroethane	1.685	64	9548	5.010	ug/l	95
7) Trichlorofluoromethane	1.886	101	23210	5.140	ug/l	96
8) Diethyl Ether	2.136	74	8154	5.206	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	12213	6.874	ug/l	97
10) Methyl Iodide	2.453	142	11624	5.267	ug/l	90
11) Tert butyl alcohol	2.953	59	20885	37.239	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	11355	6.760	ug/l	95
13) Acrolein	2.239	56	13977	42.199	ug/l	99
14) Allyl chloride	2.660	41	16420	5.968	ug/l	89
15) Acrylonitrile	3.068	53	34736	31.118	ug/l	99
16) Acetone	2.380	43	32026	34.517	ug/l	94
17) Carbon Disulfide	2.514	76	25868	5.803	ug/l	97
18) Methyl Acetate	2.703	43	15457	6.280	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	39038	5.897	ug/l	98
20) Methylene Chloride	2.788	84	13275	6.448	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	12144	5.609	ug/l	96
22) Diisopropyl ether	3.764	45	37800	6.137	ug/l #	80
23) Vinyl Acetate	3.727	43	157570	29.327	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	21785	5.961	ug/l	98
25) 2-Butanone	4.562	43	47077	29.237	ug/l	92
26) 2,2-Dichloropropane	4.477	77	15770	4.609	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	14363	5.602	ug/l	98
28) Bromochloromethane	4.904	49	9272	6.177	ug/l	92
29) Tetrahydrofuran	5.013	42	30866	29.354	ug/l	91
30) Chloroform	5.093	83	24202	5.666	ug/l	94
31) Cyclohexane	5.471	56	19874	5.930	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	19072	4.960	ug/l	96
36) 1,1-Dichloropropene	5.696	75	17657	5.557	ug/l	99
37) Ethyl Acetate	4.715	43	17263	5.310	ug/l	98
38) Carbon Tetrachloride	5.678	117	16649	4.735	ug/l	99
39) Methylcyclohexane	7.385	83	19444	4.919	ug/l	97
40) Benzene	6.044	78	50773	5.502	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 05/13/2022
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Quant Time: May 12 14:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	9526	5.686	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	18467	5.388	ug/l	98
43) Isopropyl Acetate	6.342	43	27189	5.179	ug/l	94
44) Trichloroethene	7.135	130	13637	5.125	ug/l	97
45) 1,2-Dichloropropane	7.434	63	12633	5.559	ug/l	91
46) Dibromomethane	7.586	93	9323	5.269	ug/l	89
47) Bromodichloromethane	7.824	83	16830	4.969	ug/l #	96
48) Methyl methacrylate	7.696	41	12953	5.317	ug/l #	85
49) 1,4-Dioxane	7.684	88	6849	107.912	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	91128	26.970	ug/l	92
52) Toluene	8.720	92	32043	5.046	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	14531	4.061	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	17304	4.474	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	13047	5.051	ug/l	94
56) Ethyl methacrylate	9.116	69	17624	4.673	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	21986	5.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	45131	25.731	ug/l	99
59) 2-Hexanone	9.433	43	69973	26.681	ug/l	87
60) Dibromochloromethane	9.519	129	11251	4.065	ug/l	98
61) 1,2-Dibromoethane	9.610	107	13298	4.747	ug/l	99
64) Tetrachloroethene	9.275	164	11893	4.877	ug/l	92
65) Chlorobenzene	10.079	112	33481	5.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	11598	4.722	ug/l	98
67) Ethyl Benzene	10.195	91	60936	5.419	ug/l	99
68) m/p-Xylenes	10.305	106	46434	10.236	ug/l	97
69) o-Xylene	10.640	106	22427	4.972	ug/l	96
70) Styrene	10.659	104	34292	4.670	ug/l	96
71) Bromoform	10.799	173	7103	3.713	ug/l #	99
73) Isopropylbenzene	10.963	105	59018	5.852	ug/l	97
74) N-amyl acetate	10.848	43	20511	5.700	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	20278	6.170	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	17581m	6.039	ug/l	
77) Bromobenzene	11.201	156	13218	5.101	ug/l	93
78) n-propylbenzene	11.305	91	66745	5.932	ug/l	100
79) 2-Chlorotoluene	11.366	91	41563	5.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	48292	5.670	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3806	3.919	ug/l #	62
82) 4-Chlorotoluene	11.457	91	47455	5.908	ug/l	100
83) tert-Butylbenzene	11.713	119	46132	5.351	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	47884	5.656	ug/l	98
85) sec-Butylbenzene	11.890	105	56950	5.458	ug/l	100
86) p-Isopropyltoluene	12.012	119	46497	5.186	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	25931	5.327	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	27237	5.340	ug/l	92
89) n-Butylbenzene	12.335	91	39621	5.313	ug/l	95
90) Hexachloroethane	12.542	117	6431	4.487	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	26108	5.398	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3751	5.146	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	13873	4.821	ug/l	95
94) Hexachlorobutadiene	13.725	225	5865	4.614	ug/l	96
95) Naphthalene	13.774	128	49446	5.110	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14488	5.142	ug/l	96

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:13:24 2022
Response via : Initial Calibration

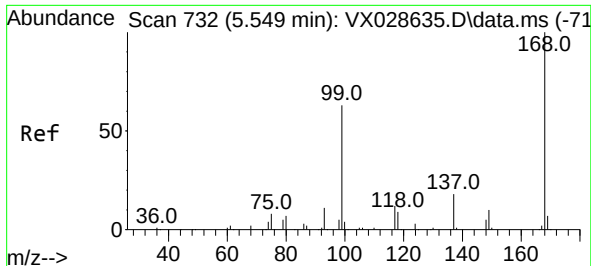
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

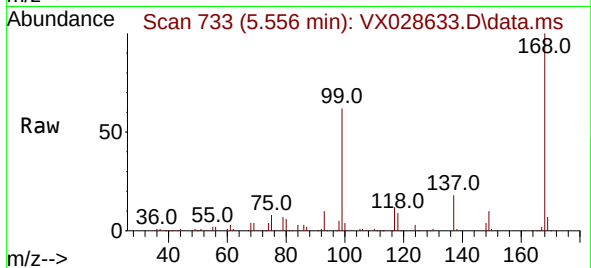
Quant Time: May 12 14:14:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

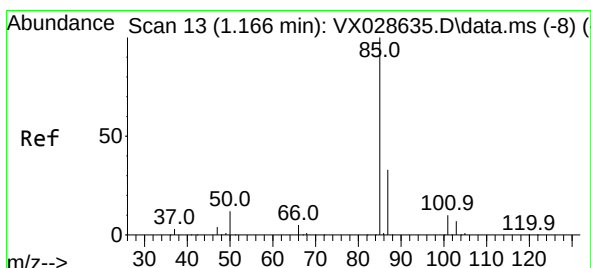
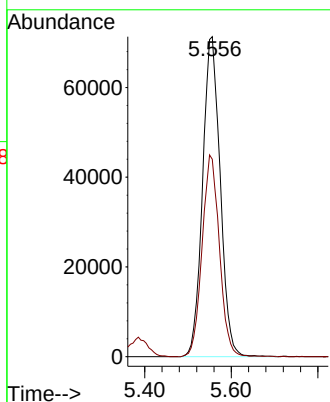
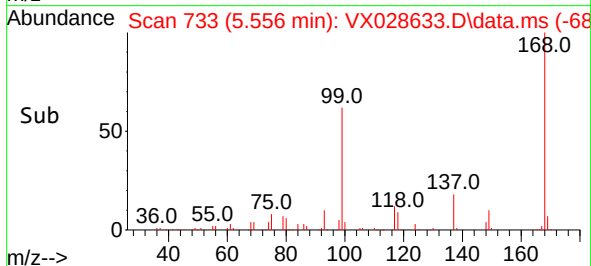
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 201389
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5

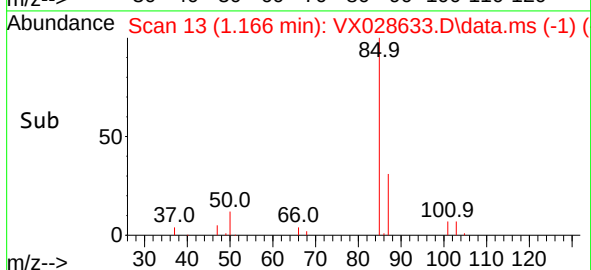
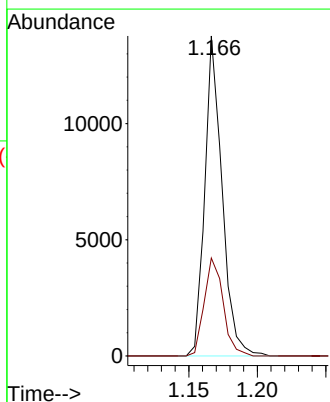
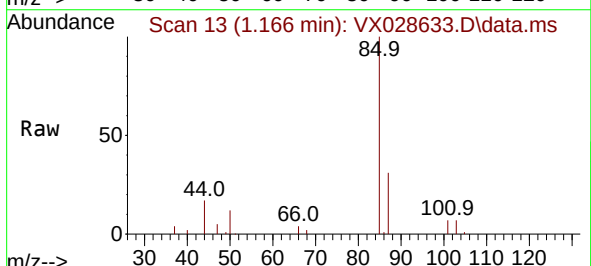
Manual Integrations
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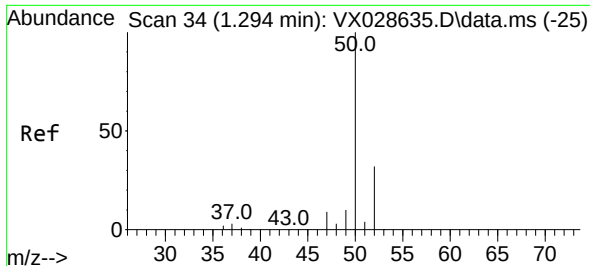
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 7.802 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 85 Resp: 12096
Ion Ratio Lower Upper
85 100
87 30.6 16.2 48.6





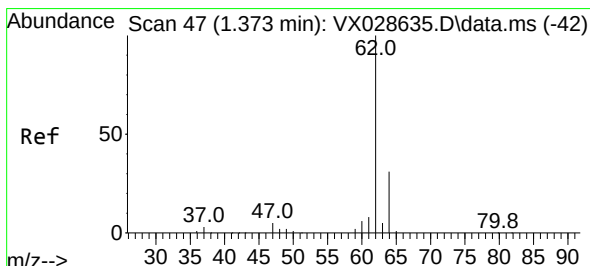
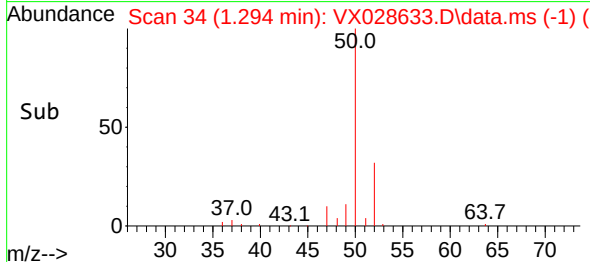
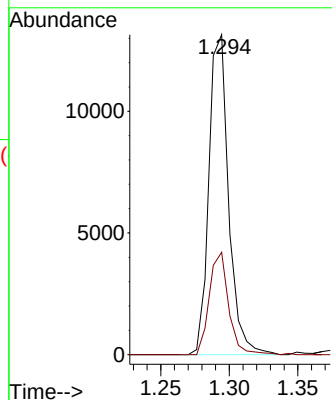
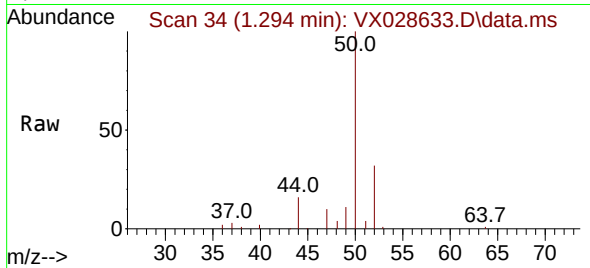
#3
Chloromethane
Concen: 7.846 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 13208
Ion Ratio Lower Upper
50 100
52 32.0 26.4 39.6

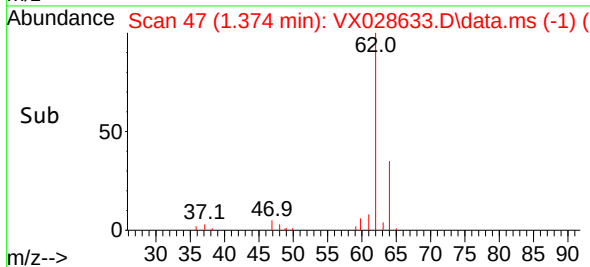
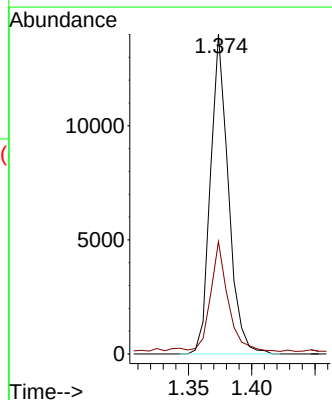
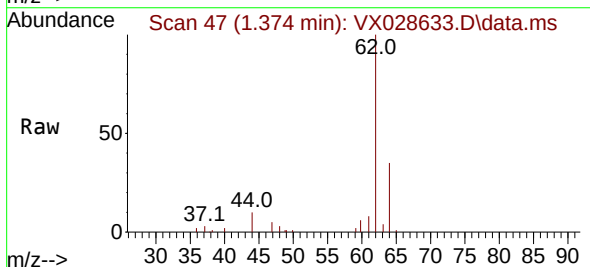
Manual Integrations
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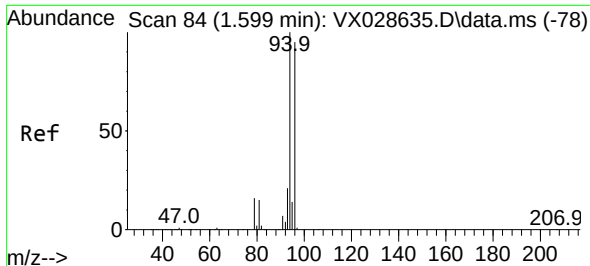
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 6.388 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

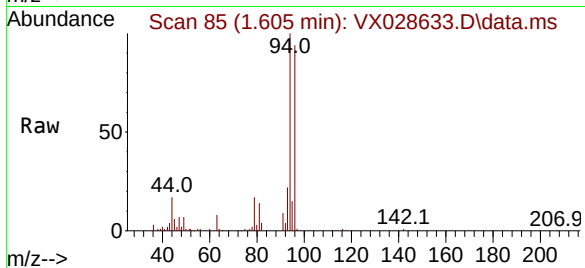
Tgt Ion: 62 Resp: 13839
Ion Ratio Lower Upper
62 100
64 34.3 25.5 38.3





#5
Bromomethane
Concen: 6.518 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

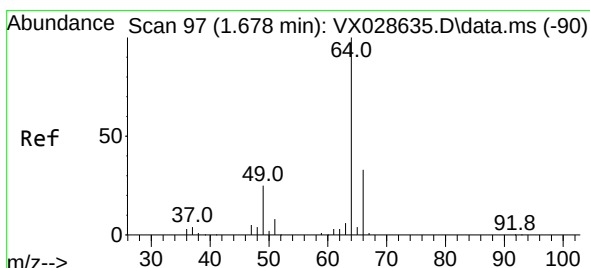
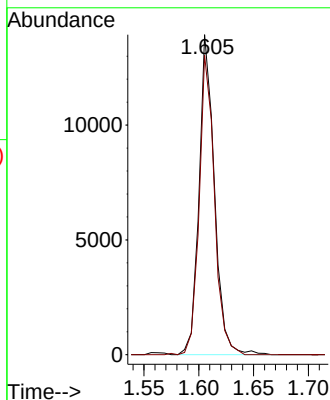
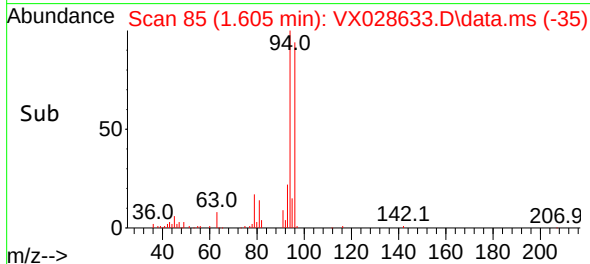
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 1364
Ion Ratio Lower Upper
94 100
96 93.5 75.3 112.9

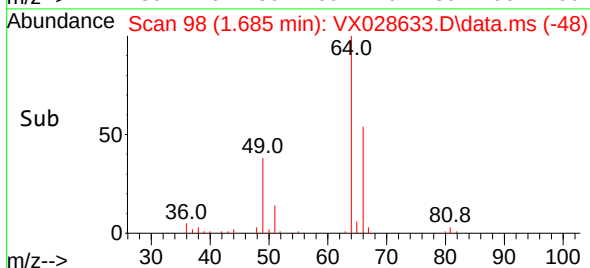
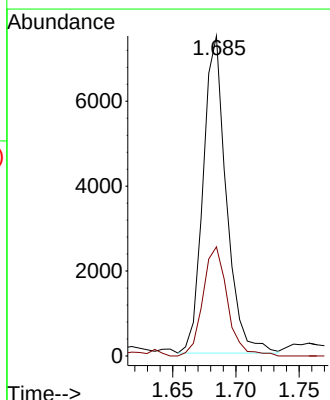
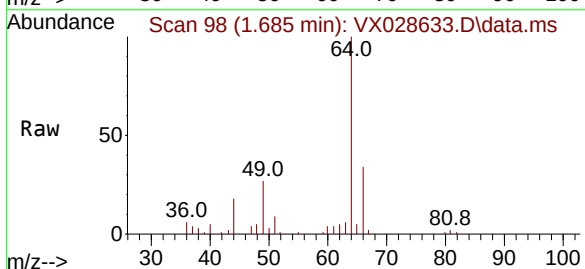
Manual Integrations
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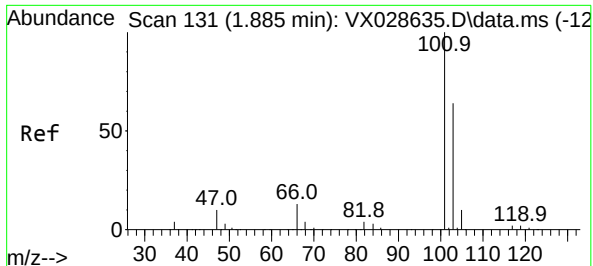
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#6
Chloroethane
Concen: 5.010 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 64 Resp: 9548
Ion Ratio Lower Upper
64 100
66 34.4 25.3 37.9





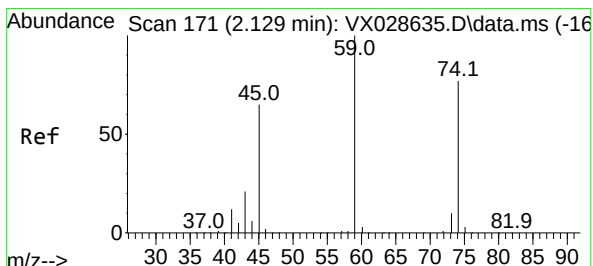
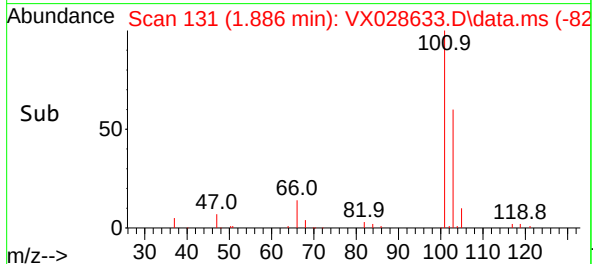
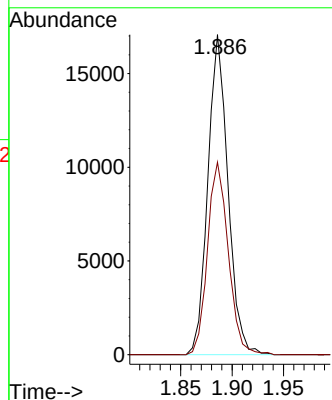
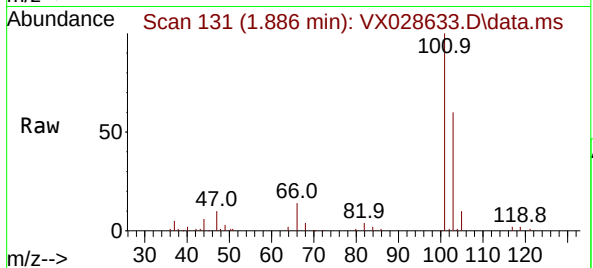
#7
Trichlorofluoromethane
Concen: 5.140 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 23210
Ion Ratio Lower Upper
101 100
103 60.1 50.5 75.7

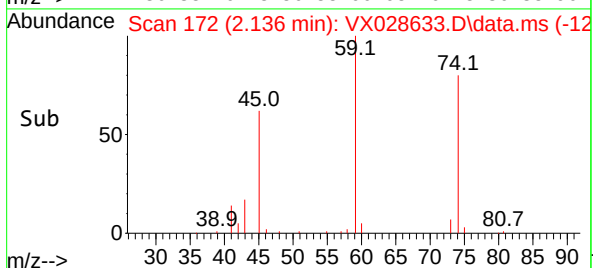
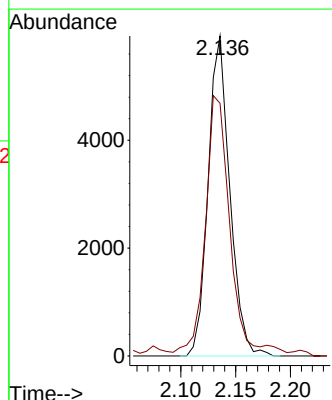
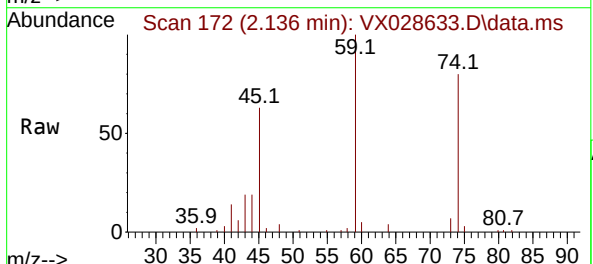
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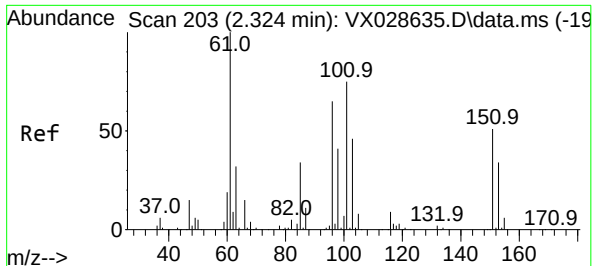
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#8
Diethyl Ether
Concen: 5.206 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 74 Resp: 8154
Ion Ratio Lower Upper
74 100
45 88.9 42.0 126.0





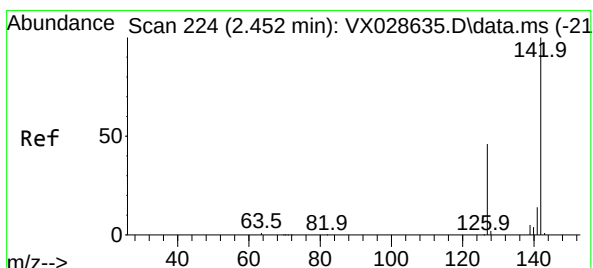
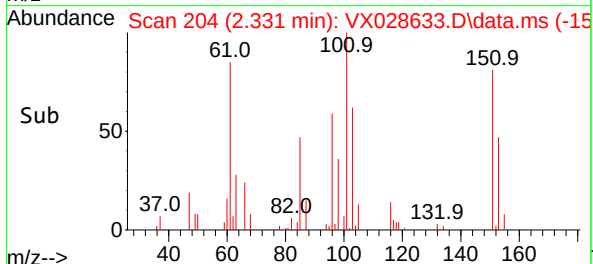
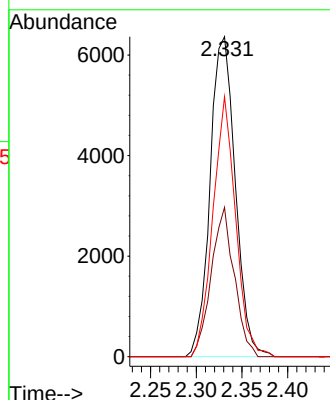
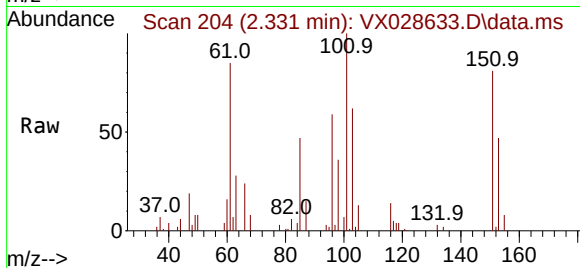
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.874 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1221
Ion Ratio Lower Upper
101 100
85 42.6 33.5 50.3
151 73.4 61.8 92.6

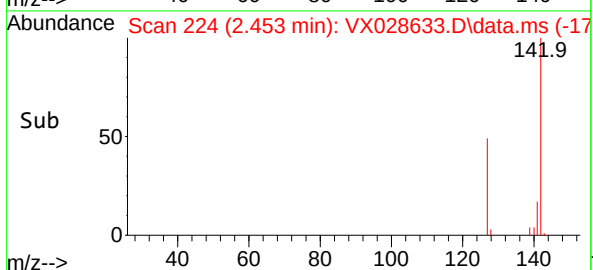
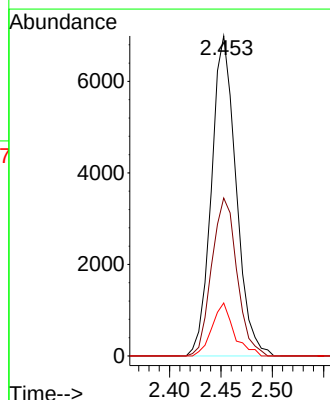
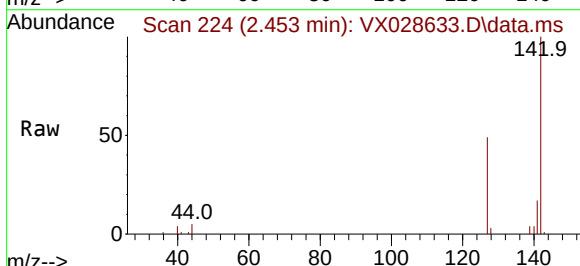
Manual Integrations
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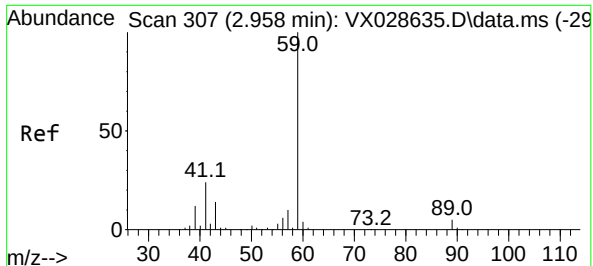
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 5.267 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion:142 Resp: 11624
Ion Ratio Lower Upper
142 100
127 50.6 33.9 50.9
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 37.239 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 2088

Ion Ratio Lower Upper

59 100

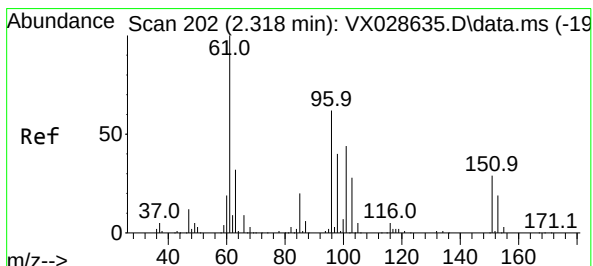
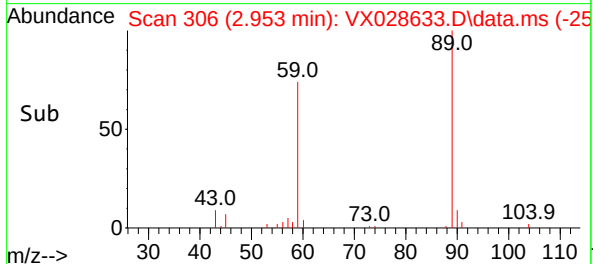
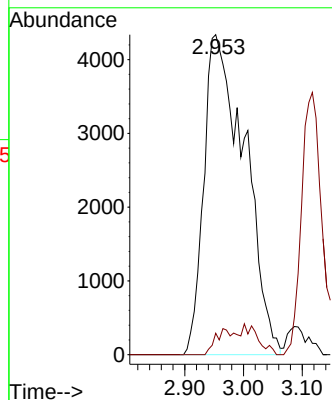
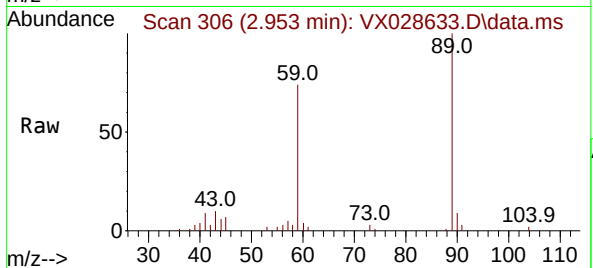
57 3.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#12

1,1-Dichloroethene

Concen: 6.760 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

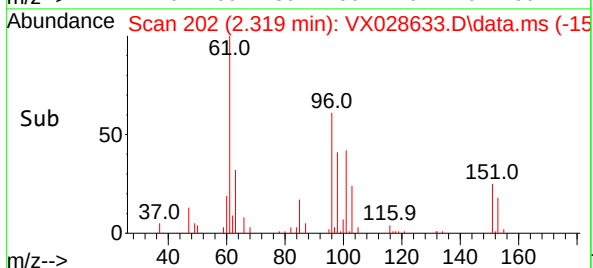
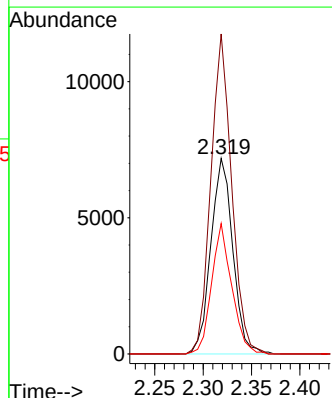
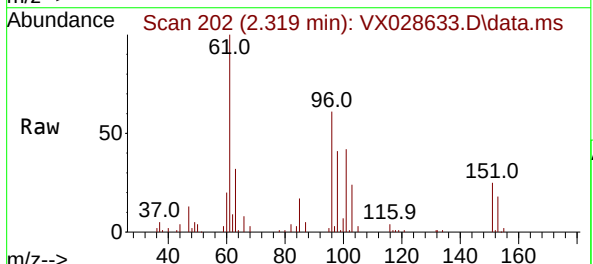
Tgt Ion: 96 Resp: 11355

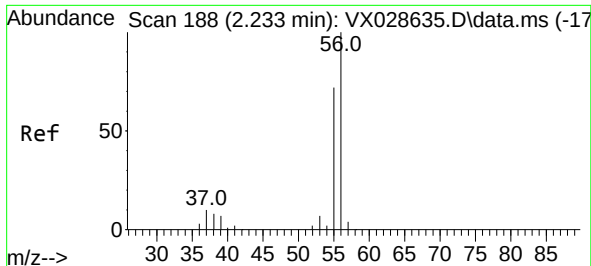
Ion Ratio Lower Upper

96 100

61 163.7 124.6 187.0

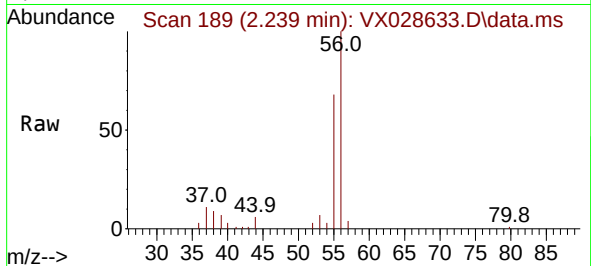
98 66.7 51.0 76.4





#13
Acrolein
Concen: 42.199 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

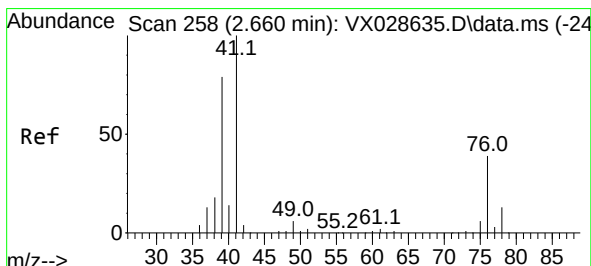
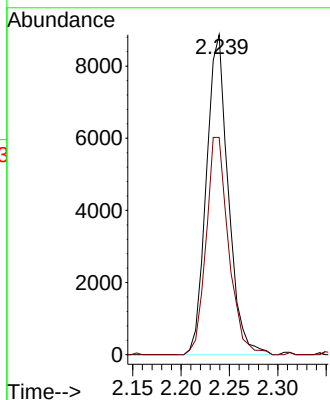
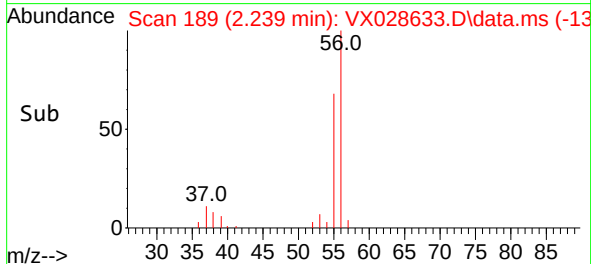
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 1397
Ion Ratio Lower Upper
56 100
55 69.8 55.0 82.6

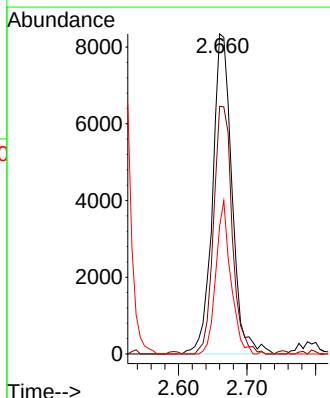
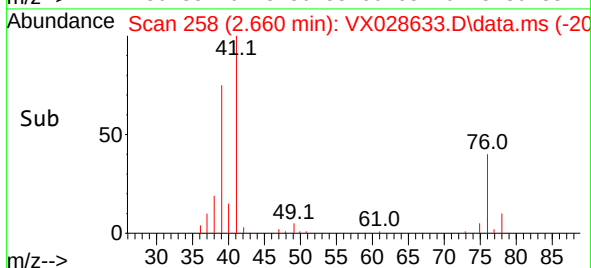
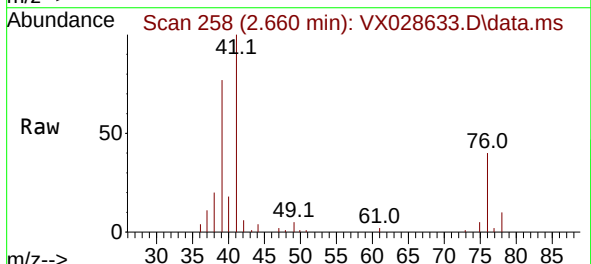
Manual Integrations
APPROVED

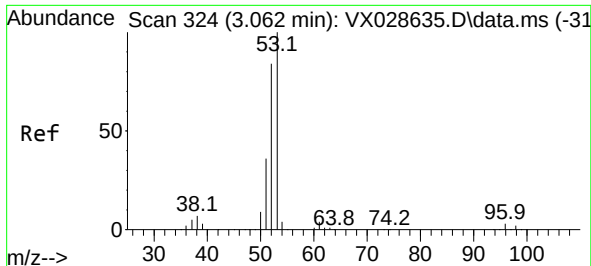
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 5.968 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

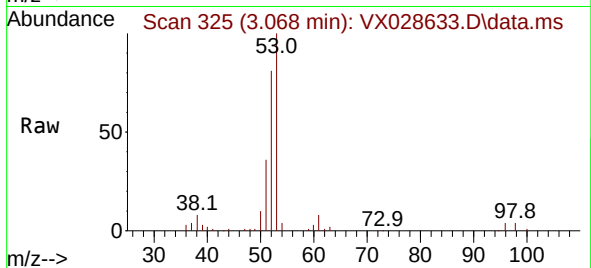
Tgt Ion: 41 Resp: 16420
Ion Ratio Lower Upper
41 100
39 73.4 50.4 75.6
76 36.4 32.7 49.1





#15
Acrylonitrile
Concen: 31.118 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

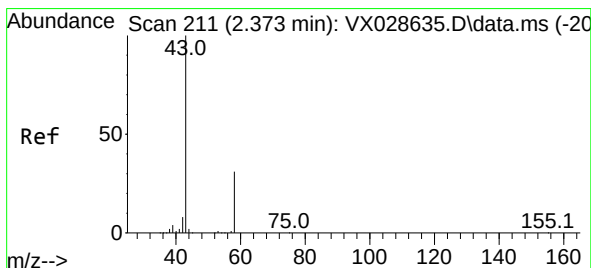
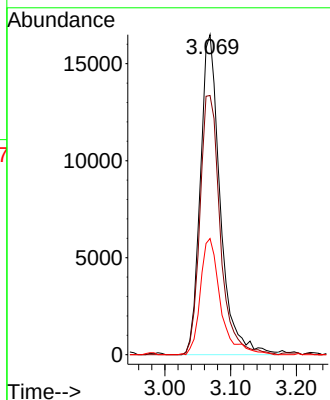
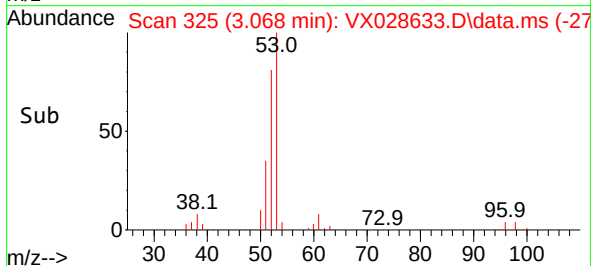
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 34730
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 36.9 28.4 42.6

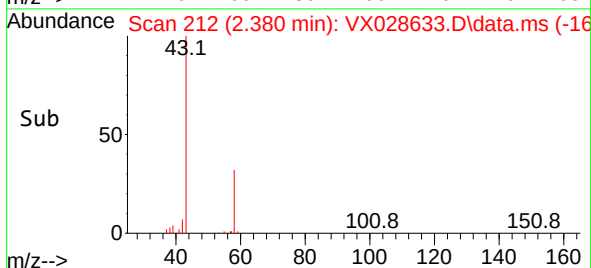
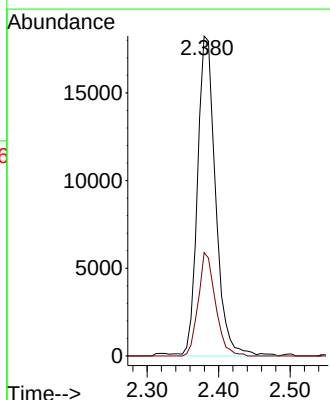
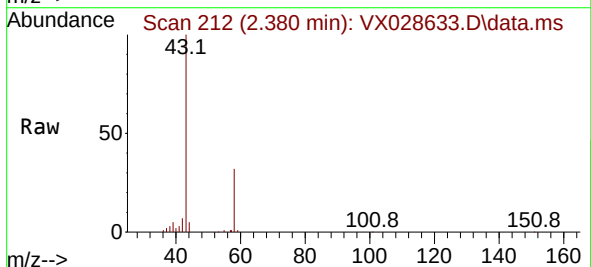
Manual Integrations
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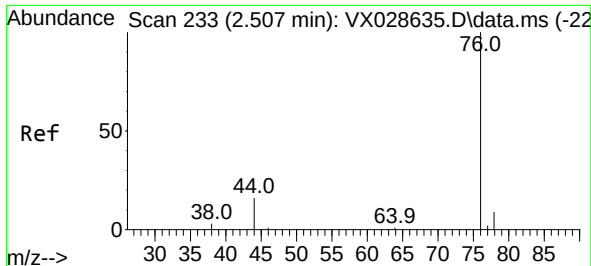
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 34.517 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

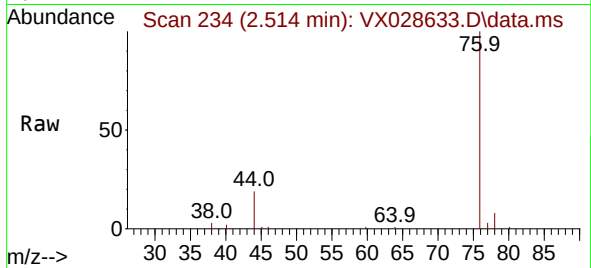
Tgt Ion: 43 Resp: 32026
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2





#17
Carbon Disulfide
Concen: 5.803 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

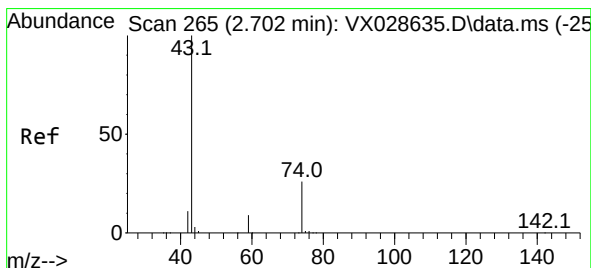
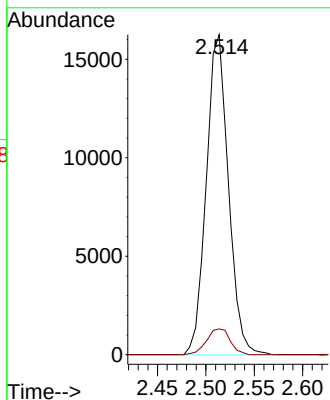
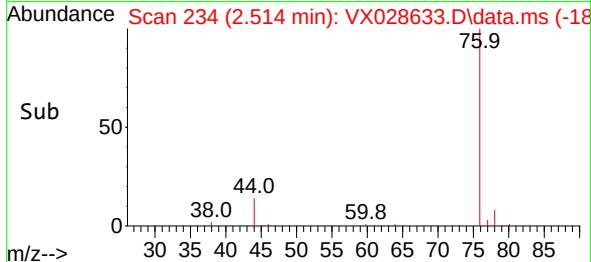
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 2586
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

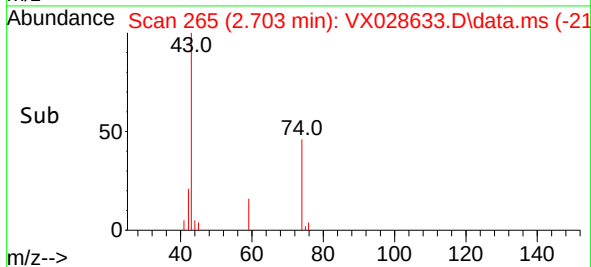
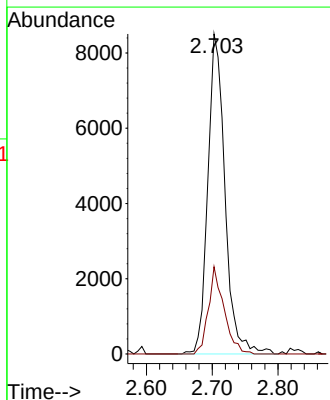
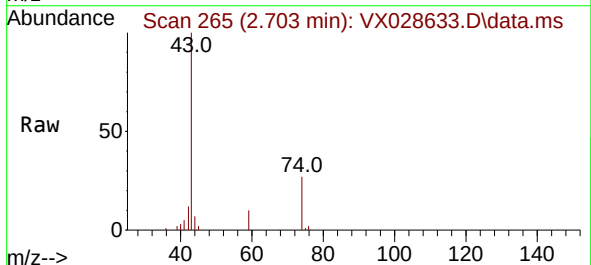
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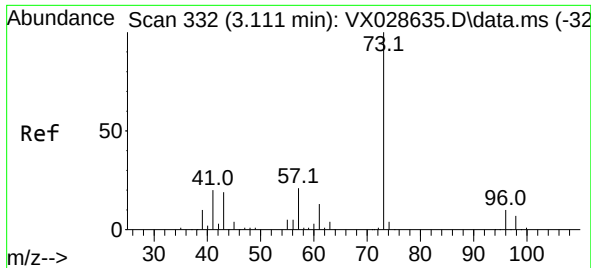
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 6.280 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 43 Resp: 15457
Ion Ratio Lower Upper
43 100
74 24.9 22.8 34.2





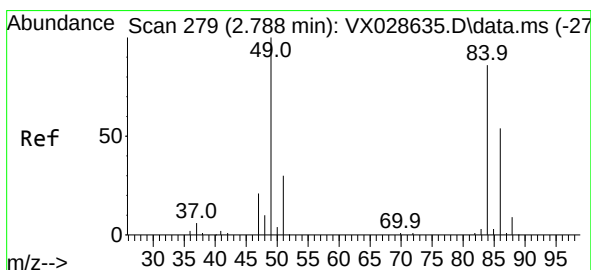
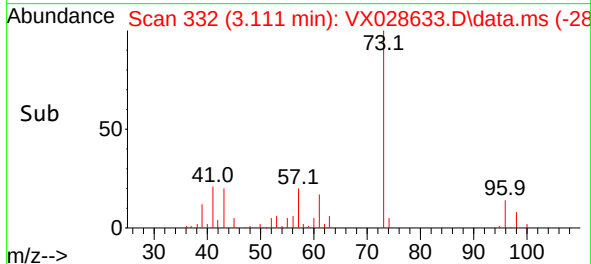
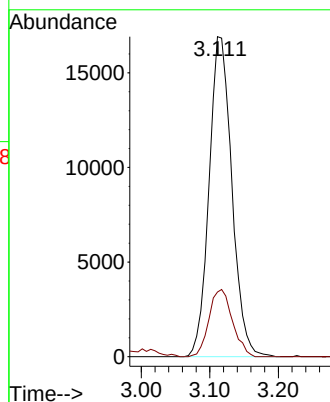
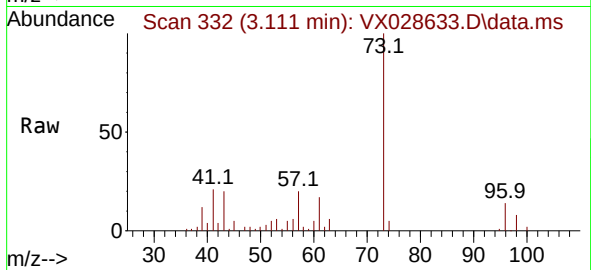
#19
Methyl tert-butyl Ether
Concen: 5.897 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 39038
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2

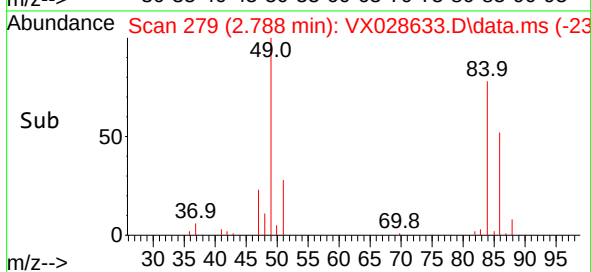
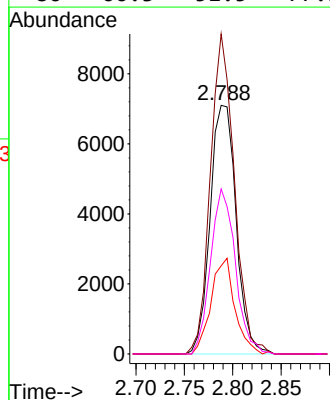
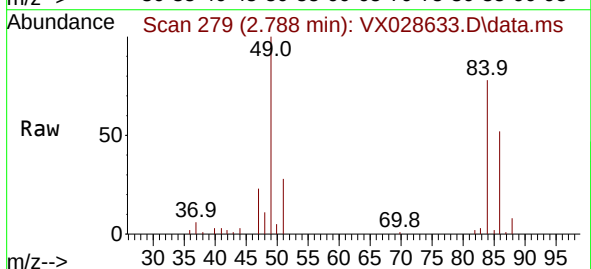
Manual Integrations
APPROVED

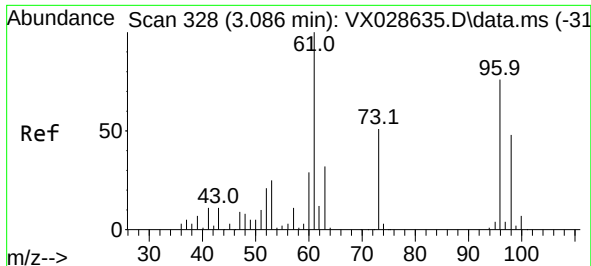
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 6.448 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

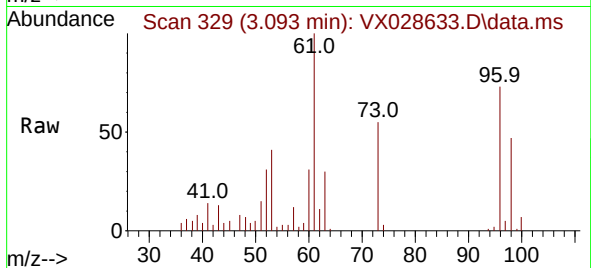
Tgt Ion: 84 Resp: 13275
Ion Ratio Lower Upper
84 100
49 128.7 85.5 128.3#
51 35.4 26.6 39.8
86 66.3 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 5.609 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

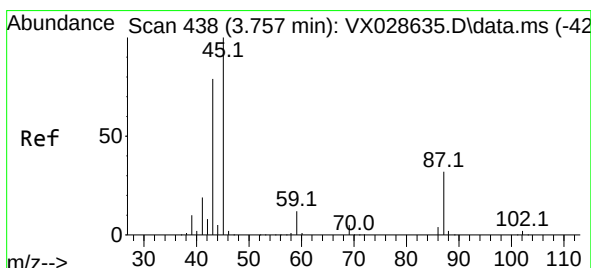
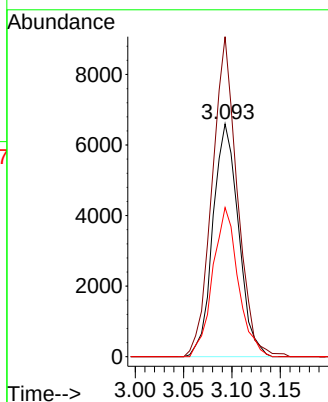
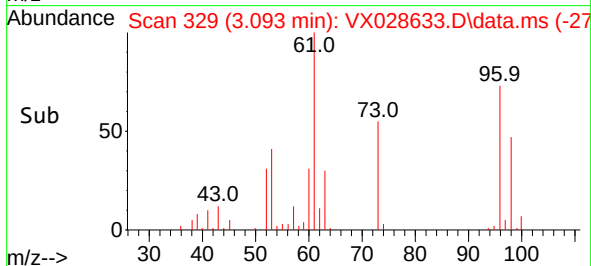
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



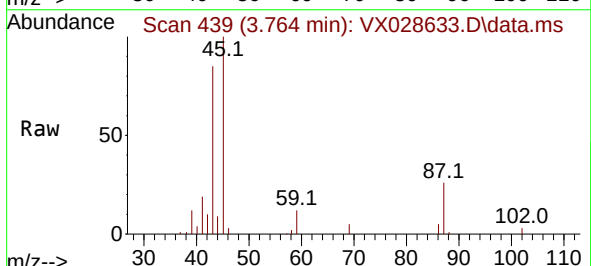
Tgt Ion: 96 Resp: 12144
Ion Ratio Lower Upper
96 100
61 137.4 105.4 158.2
98 64.1 50.0 75.0

Manual Integrations
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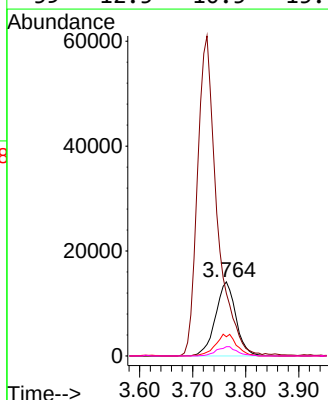
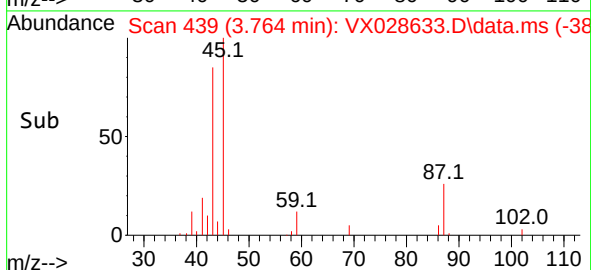
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

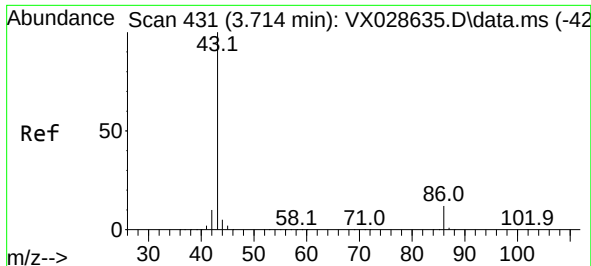


#22
Diisopropyl ether
Concen: 6.137 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion: 45 Resp: 37800
Ion Ratio Lower Upper
45 100
43 84.6 50.8 76.2#
87 26.0 26.6 39.8#
59 12.5 10.5 15.7





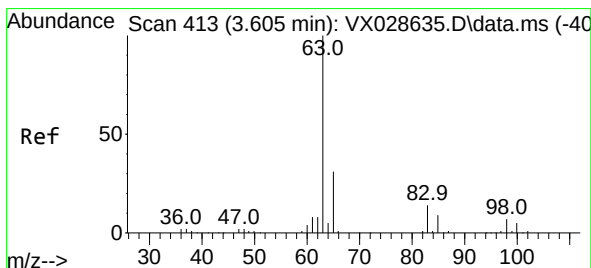
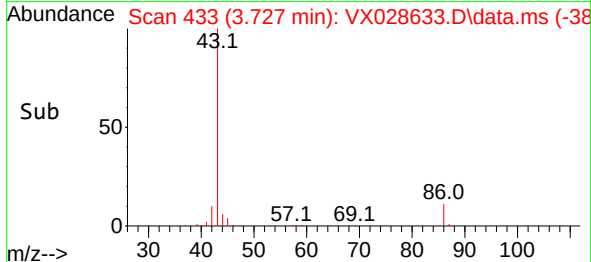
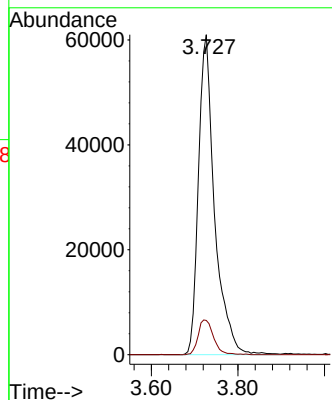
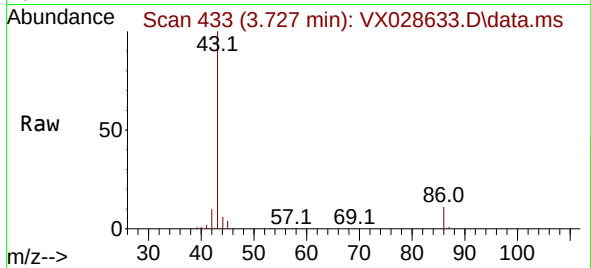
#23
 Vinyl Acetate
 Concen: 29.327 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VX028633.D
 Acq: 12 May 2022 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 157570
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.8 16.2

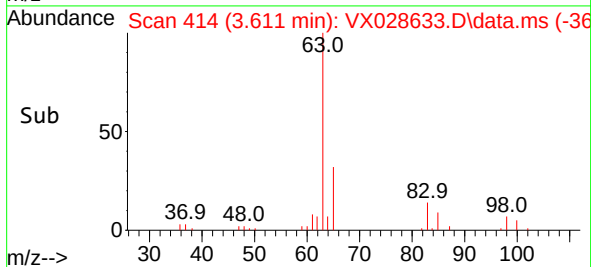
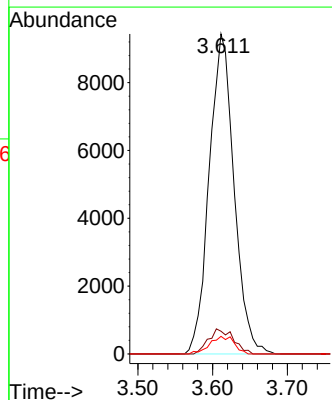
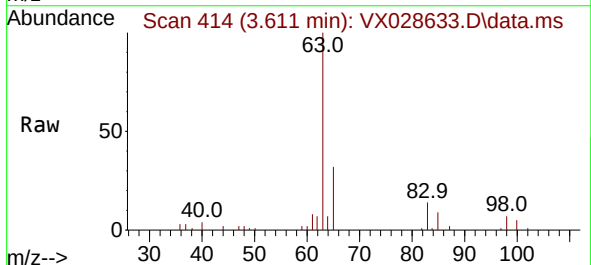
Manual Integrations
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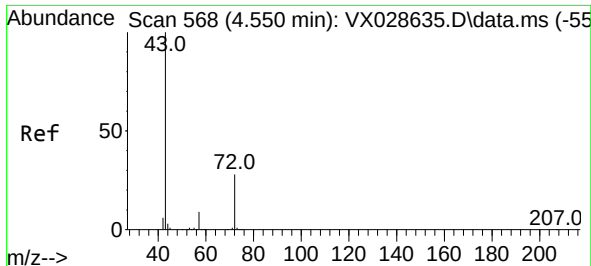
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 5.961 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028633.D
 Acq: 12 May 2022 12:31

Tgt Ion: 63 Resp: 21785
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.5 2.4 7.2





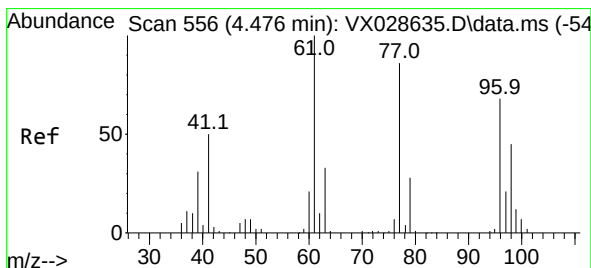
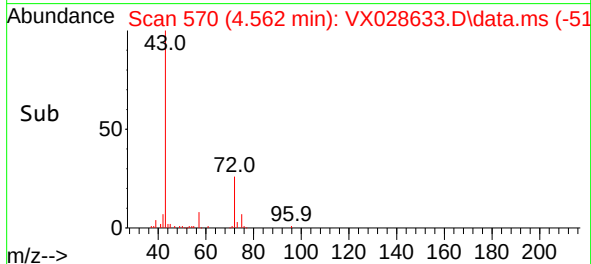
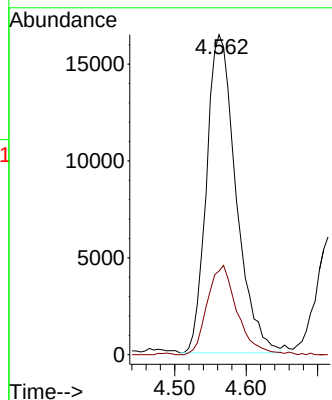
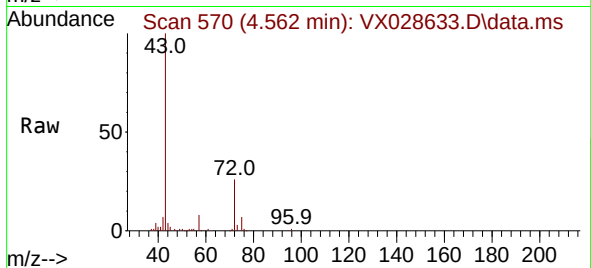
#25
2-Butanone
Concen: 29.237 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4707
Ion Ratio Lower Upper
43 100
72 26.3 24.4 36.6

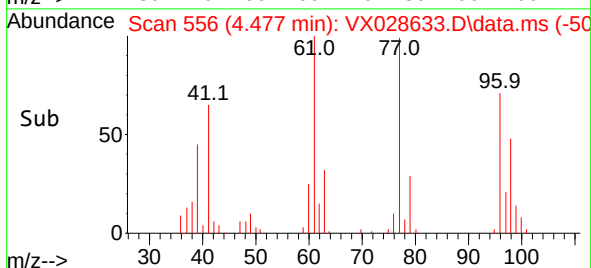
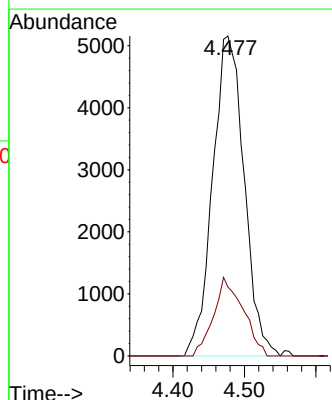
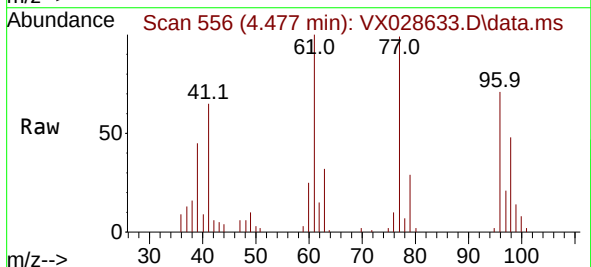
Manual Integrations
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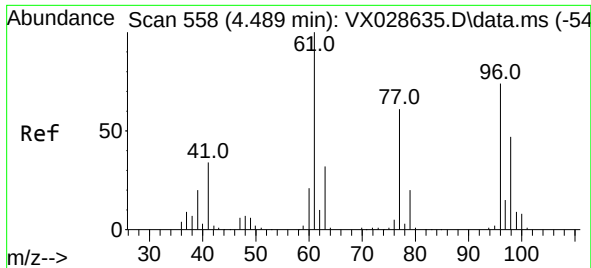
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 4.609 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 77 Resp: 15770
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 5.602 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1436

Ion Ratio Lower Upper

96 100

61 139.0 0.0 283.8

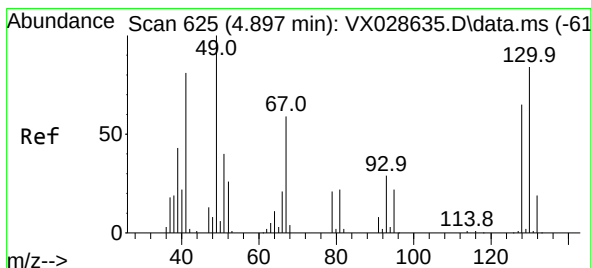
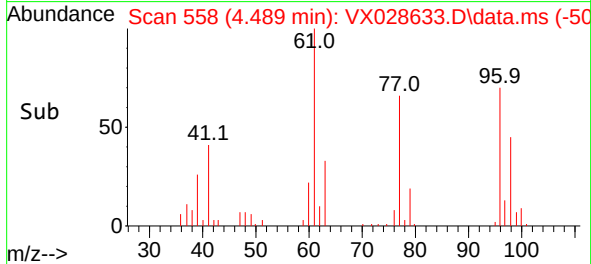
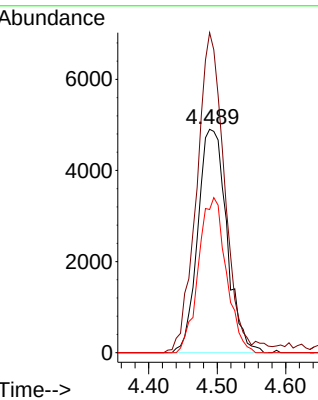
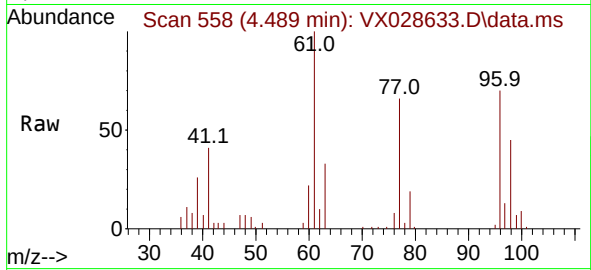
98 66.3 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 6.177 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

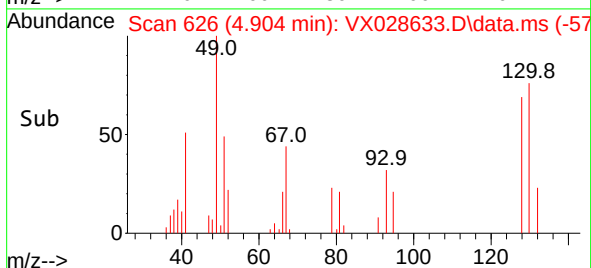
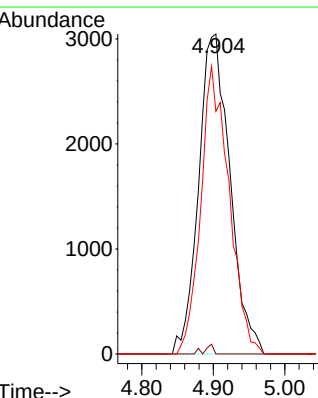
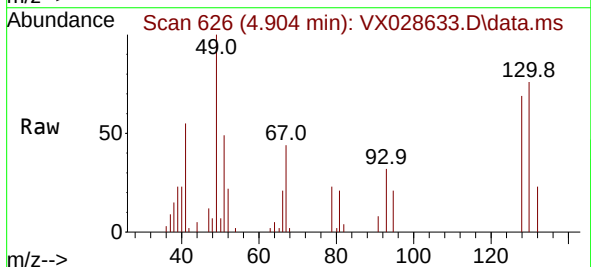
Tgt Ion: 49 Resp: 9272

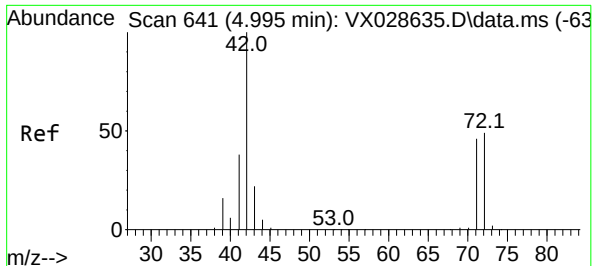
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.4

130 80.9 70.7 106.1





#29

Tetrahydrofuran

Concen: 29.354 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.019 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 3086

Ion Ratio Lower Upper

42 100

72 48.6 44.1 66.1

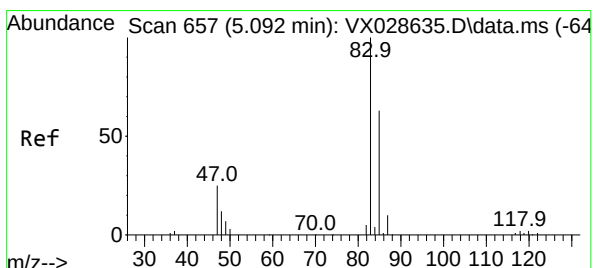
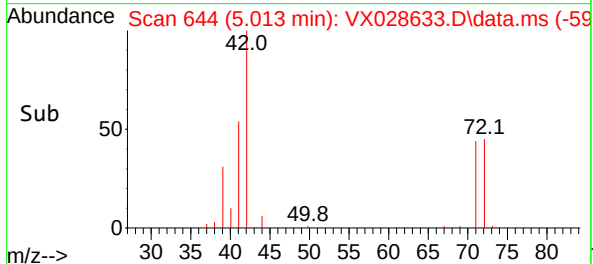
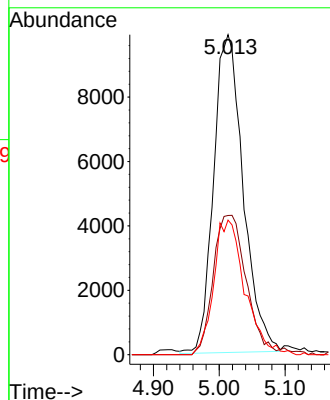
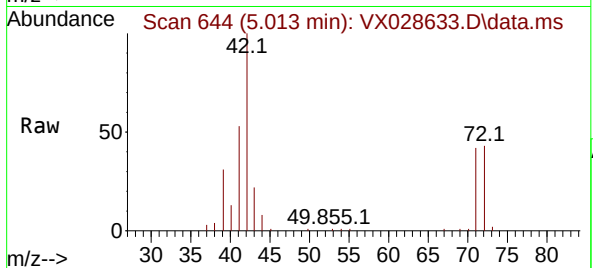
71 44.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 5.666 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028633.D

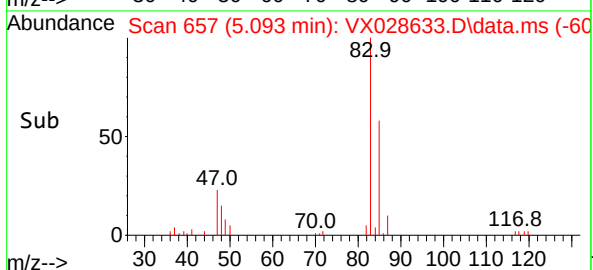
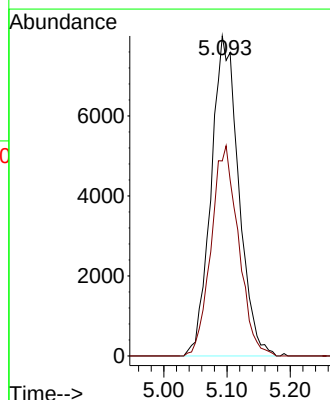
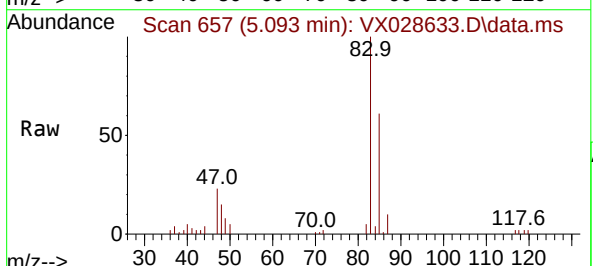
Acq: 12 May 2022 12:31

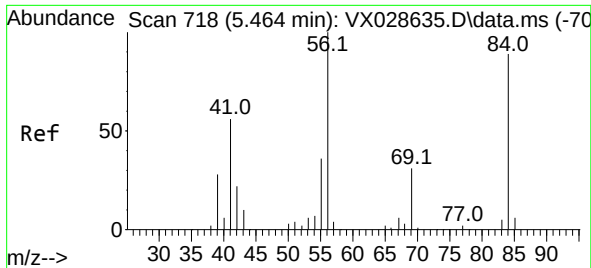
Tgt Ion: 83 Resp: 24202

Ion Ratio Lower Upper

83 100

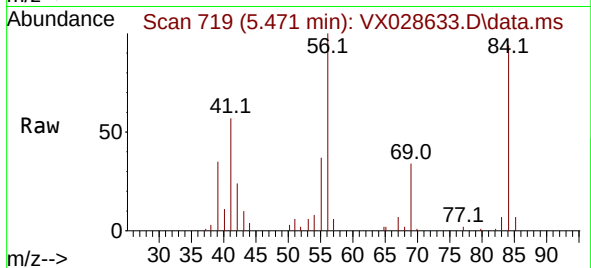
85 61.0 52.7 79.1





#31
Cyclohexane
Concen: 5.930 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

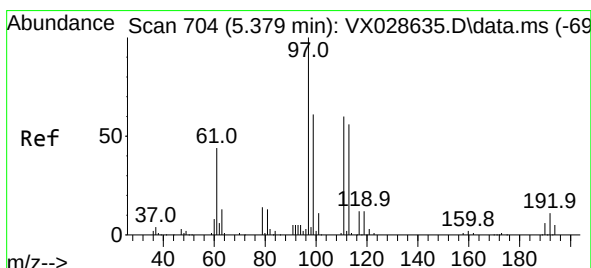
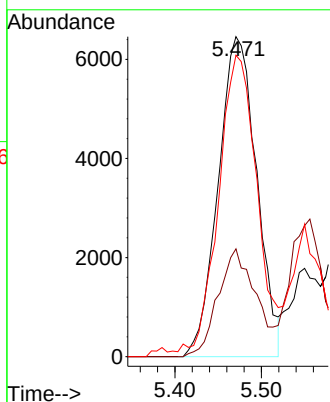
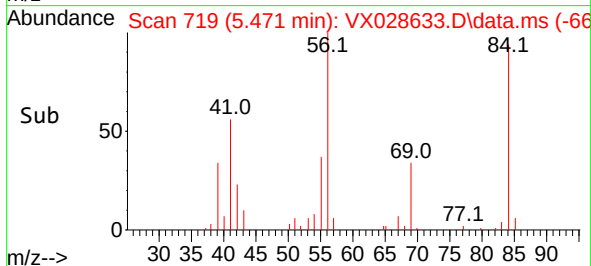
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



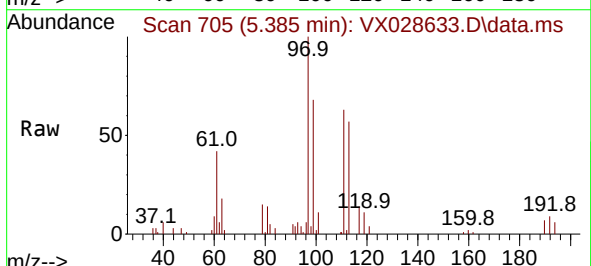
Tgt Ion: 56 Resp: 19874
Ion Ratio Lower Upper
56 100
69 33.7 26.7 40.1
84 92.6 77.2 115.8

Manual Integrations
APPROVED

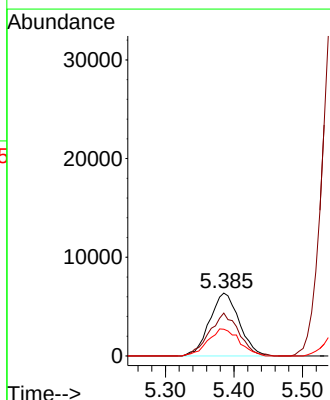
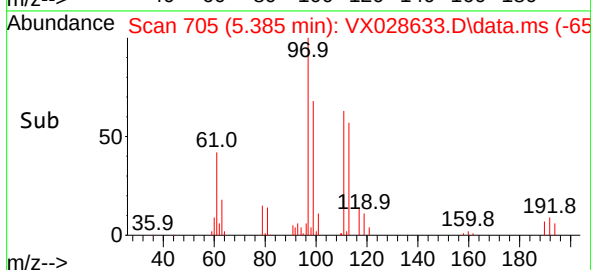
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

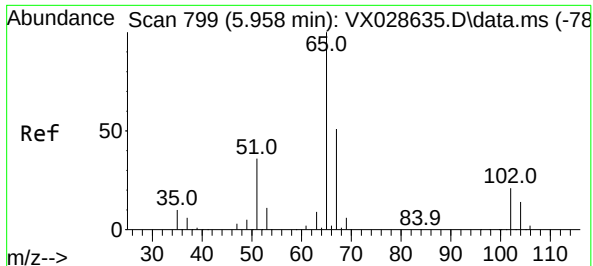


#32
1,1,1-Trichloroethane
Concen: 4.960 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion: 97 Resp: 19072
Ion Ratio Lower Upper
97 100
99 67.8 51.8 77.6
61 45.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 5.541 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1476

Ion Ratio Lower Upper

65 100

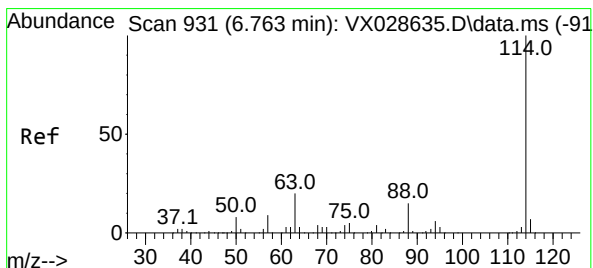
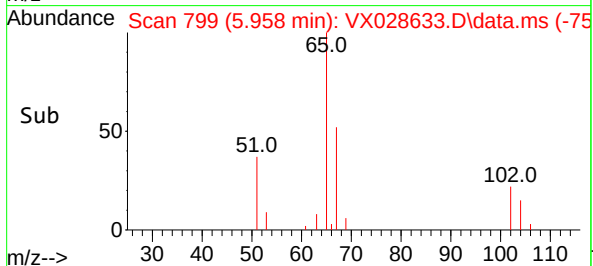
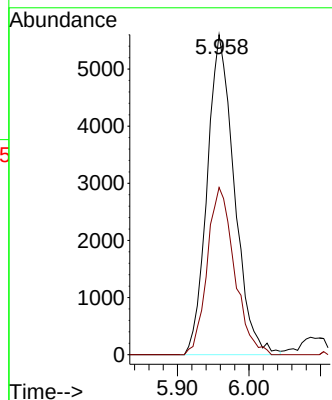
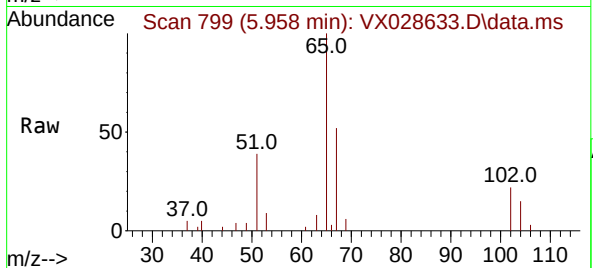
67 52.4 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

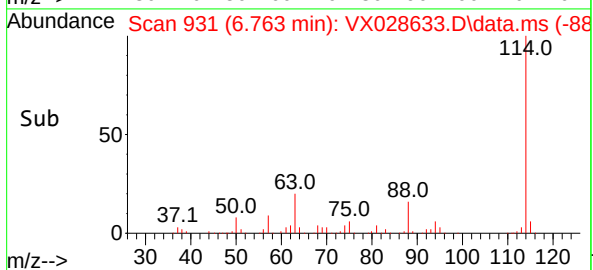
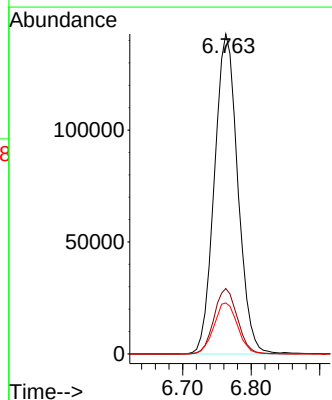
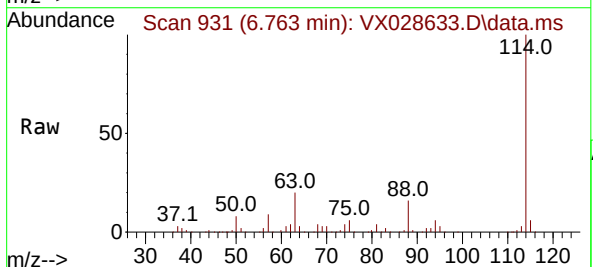
Tgt Ion:114 Resp: 338500

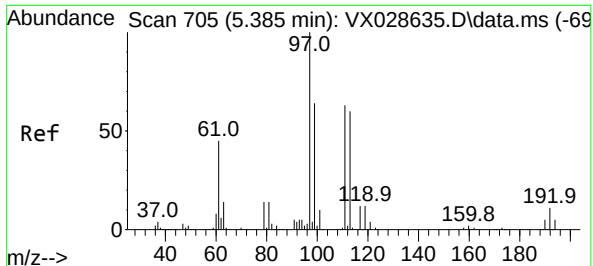
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

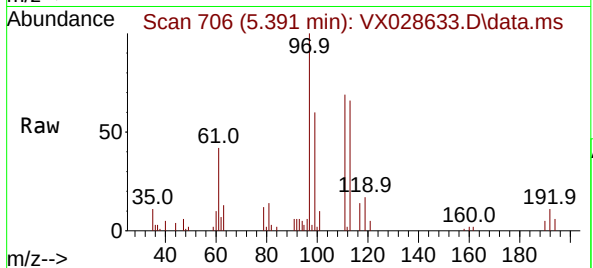
88 16.0 0.0 32.4





#35
Dibromofluoromethane
Concen: 4.897 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

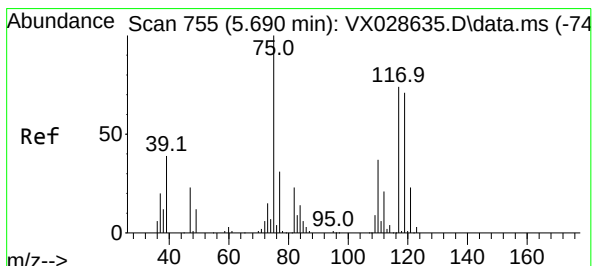
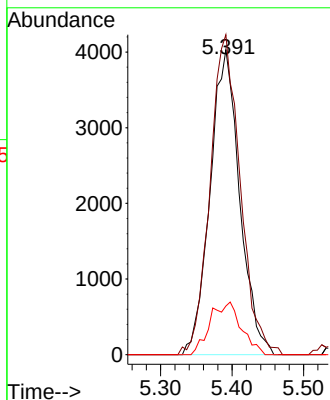
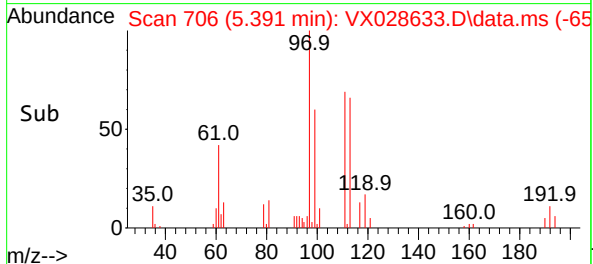
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 11589
Ion Ratio Lower Upper
113 100
111 106.8 82.8 124.2
192 18.2 16.9 25.3

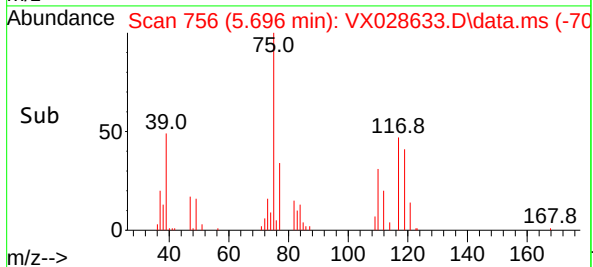
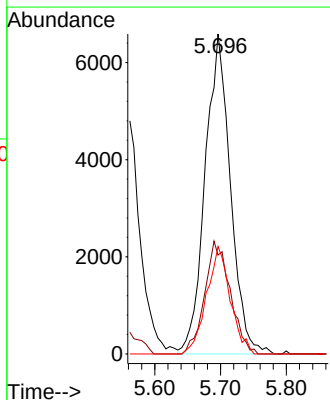
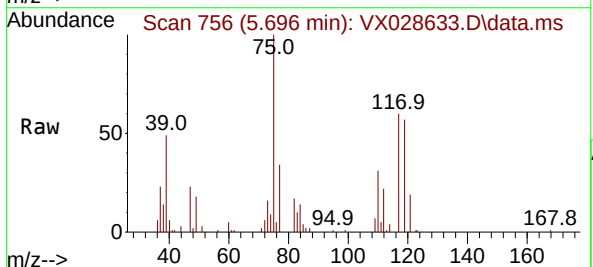
Manual Integrations
APPROVED

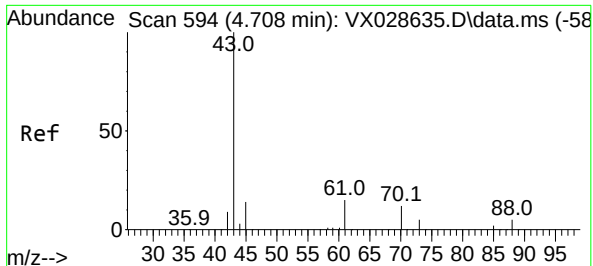
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

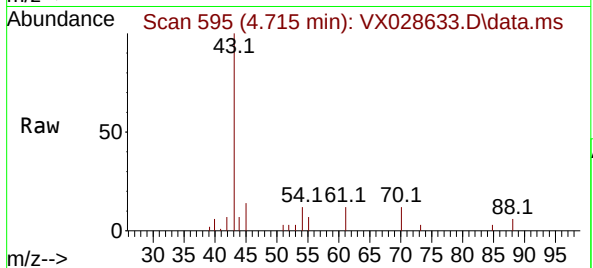
Tgt Ion: 75 Resp: 17657
Ion Ratio Lower Upper
75 100
110 35.5 18.3 54.8
77 31.5 24.8 37.2





#37
Ethyl Acetate
Concen: 5.310 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

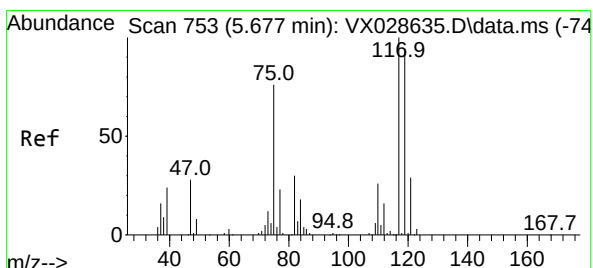
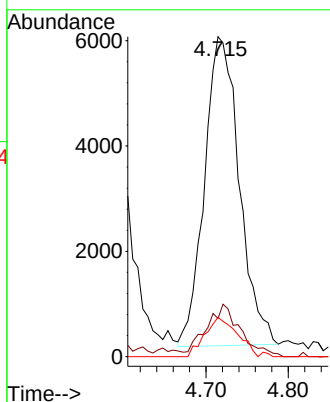
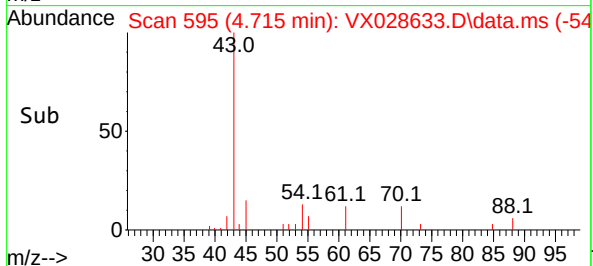
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
61 16.8 12.6 19.0
70 11.8 10.2 15.2

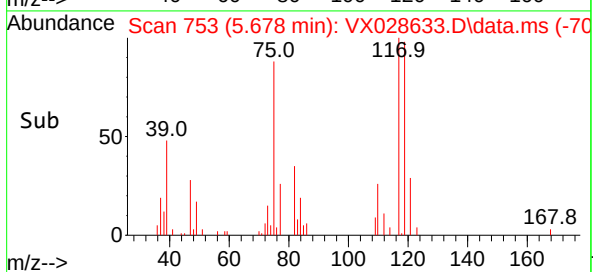
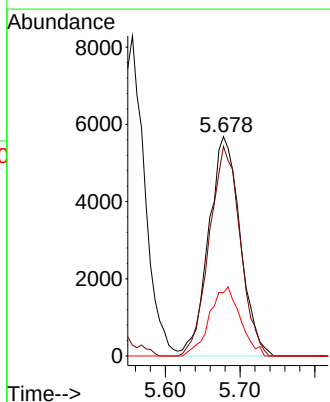
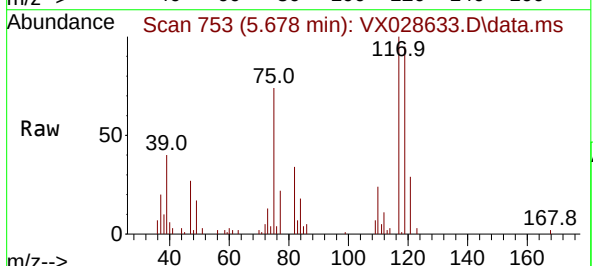
Manual Integrations
APPROVED

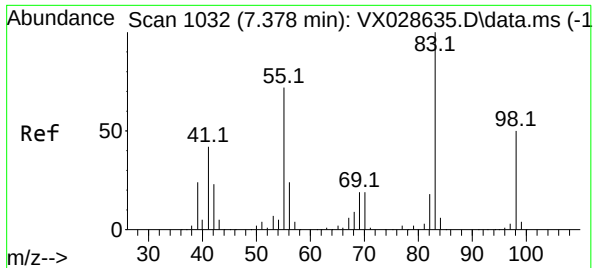
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 4.735 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion:117 Resp: 16649
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 28.8 24.2 36.2





#39
Methylcyclohexane
Concen: 4.919 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

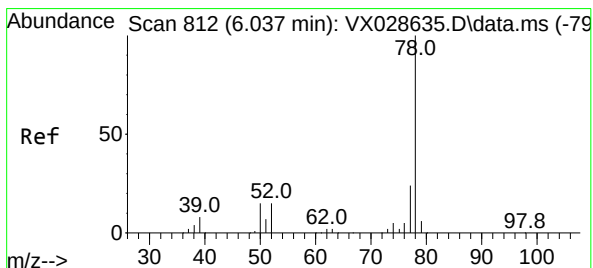
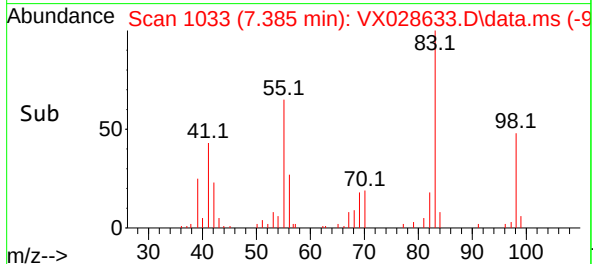
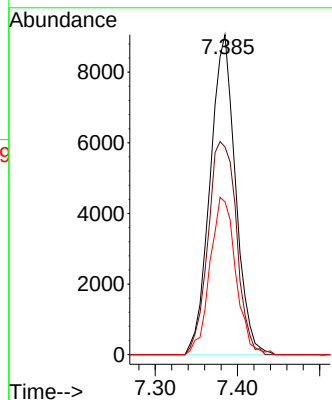
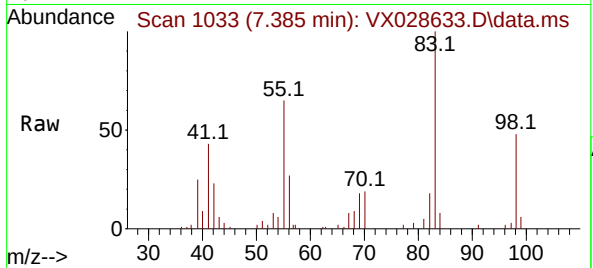
VSTDIC005

Tgt Ion: 83 Resp: 1944
Ion Ratio Lower Upper
83 100
55 64.9 54.6 81.8
98 47.8 37.4 56.2

Manual Integrations

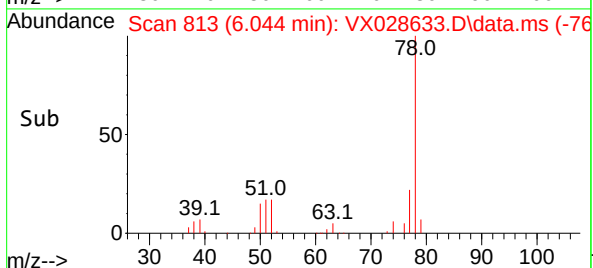
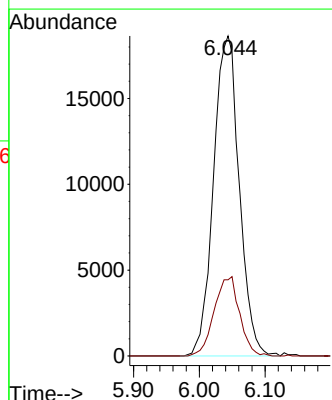
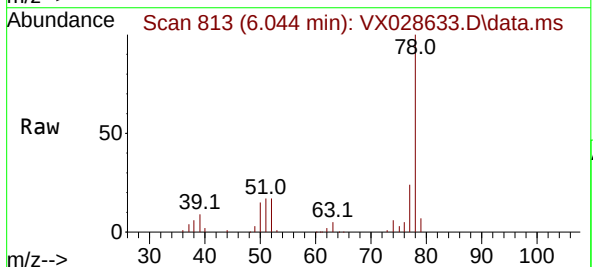
APPROVED

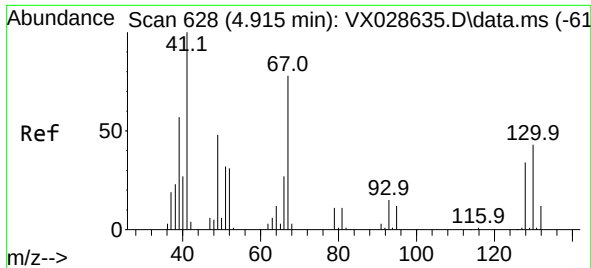
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 5.502 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

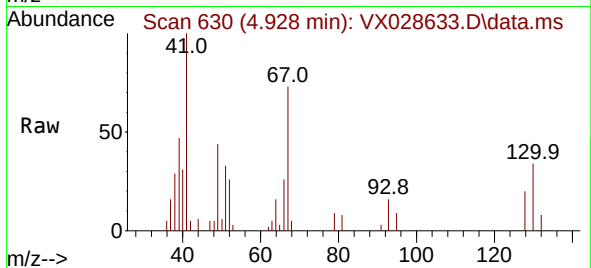
Tgt Ion: 78 Resp: 50773
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 5.686 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

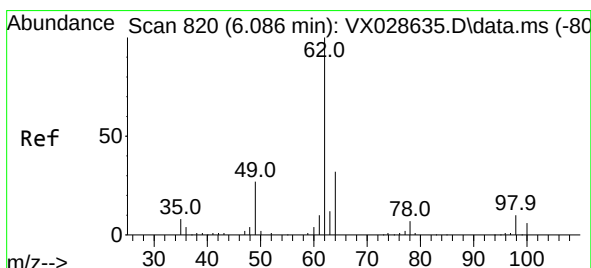
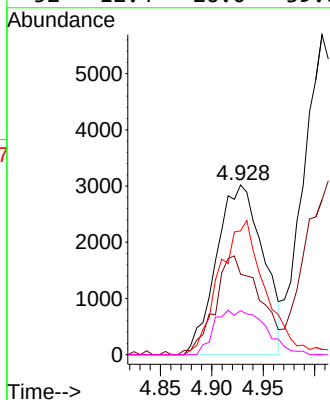
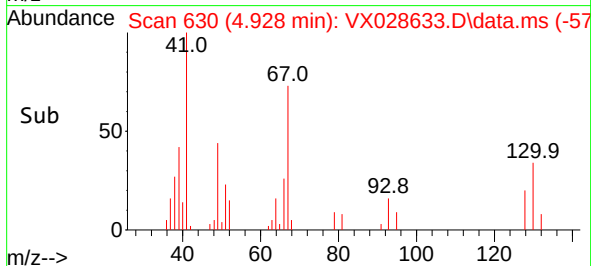
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 9520
Ion Ratio Lower Upper
41 100
39 55.2 43.0 64.4
67 77.9 70.2 105.4
52 12.4 26.0 39.0#

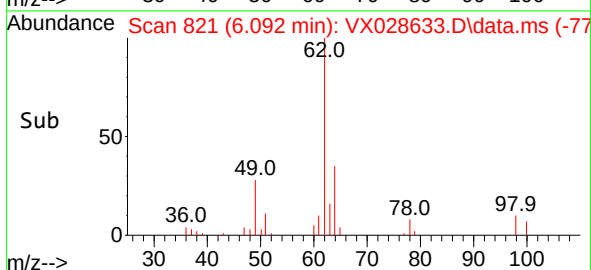
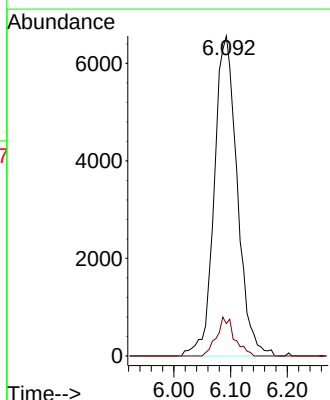
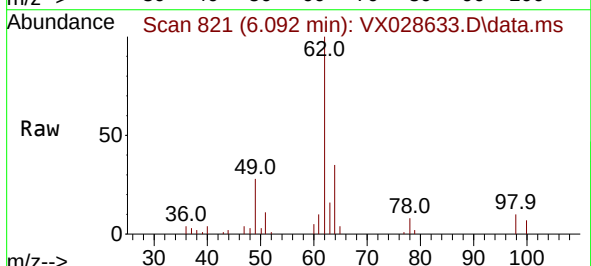
Manual Integrations
APPROVED

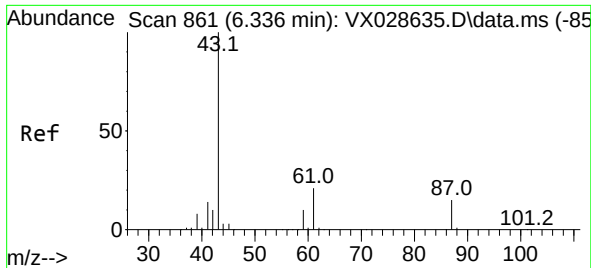
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 5.388 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 62 Resp: 18467
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 5.179 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

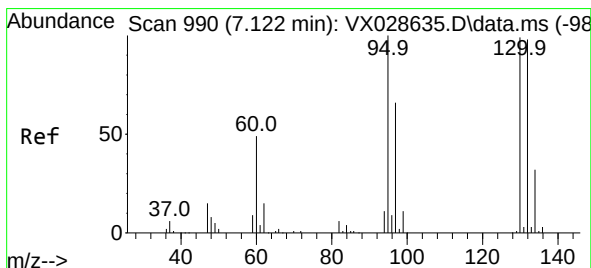
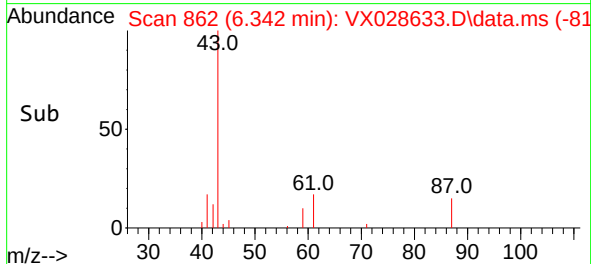
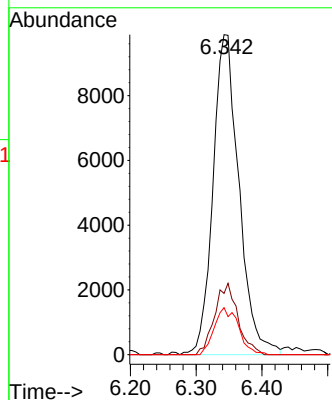
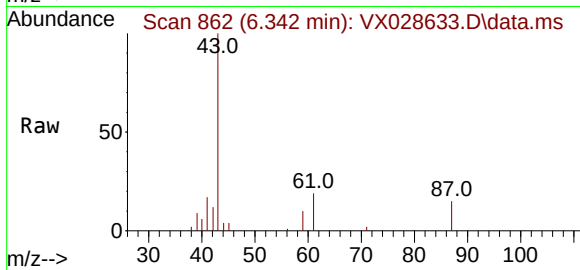
Tgt Ion: 43	Resp: 27189
Ion Ratio	Lower Upper
43 100	
61 20.0	18.5 27.7
87 13.7	13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 5.125 ug/l

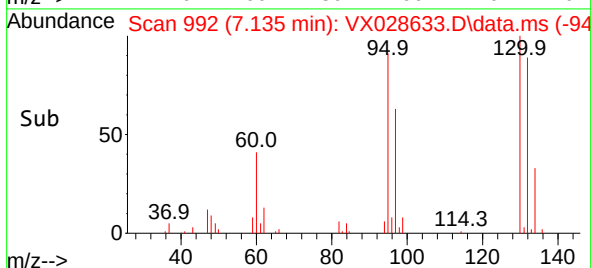
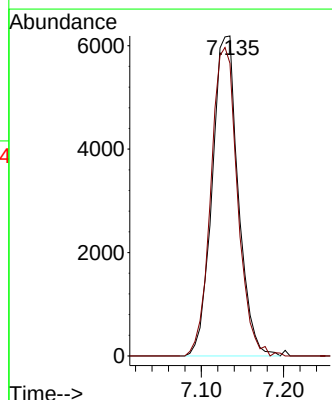
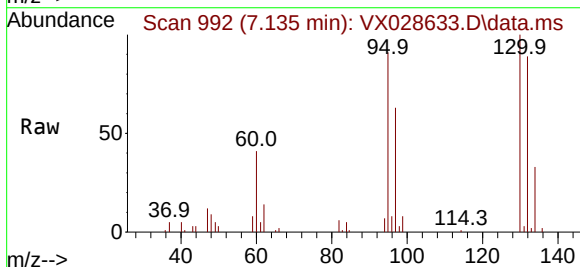
RT: 7.135 min Scan# 992

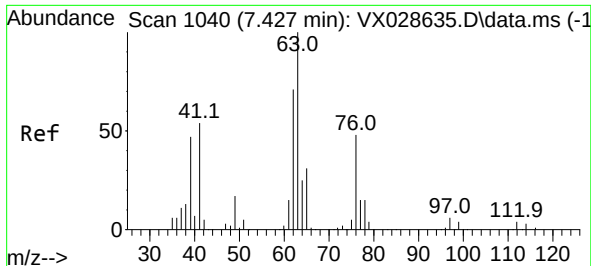
Delta R.T. 0.013 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Tgt Ion:130	Resp: 13637
Ion Ratio	Lower Upper
130 100	
95 91.4	0.0 188.8





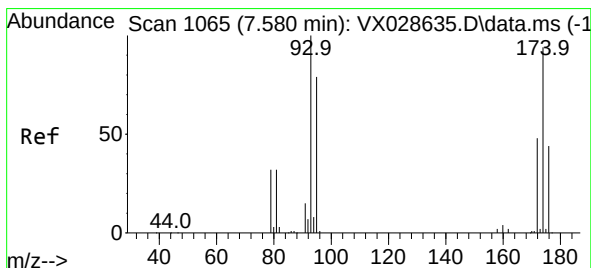
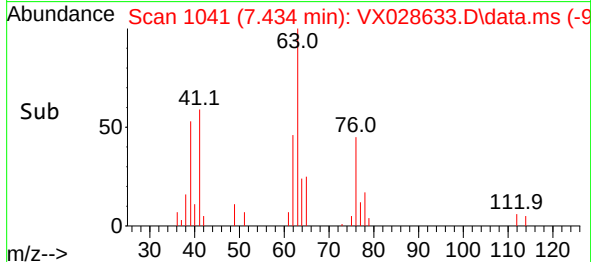
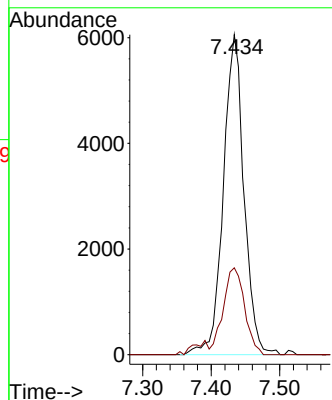
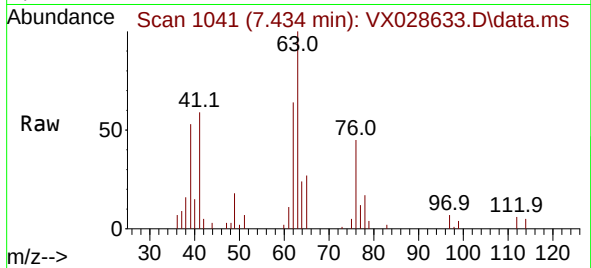
#45
1,2-Dichloropropane
Concen: 5.559 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1263
Ion Ratio Lower Upper
63 100
65 27.1 25.8 38.6

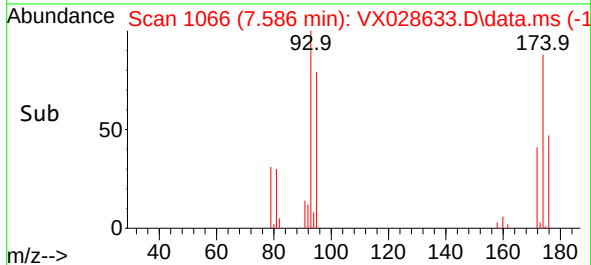
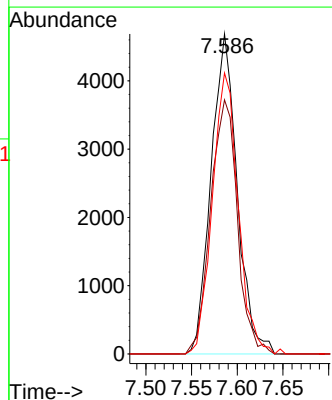
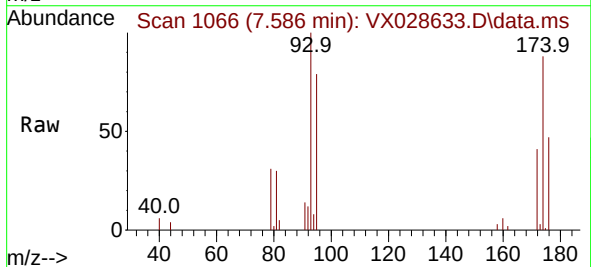
Manual Integrations
APPROVED

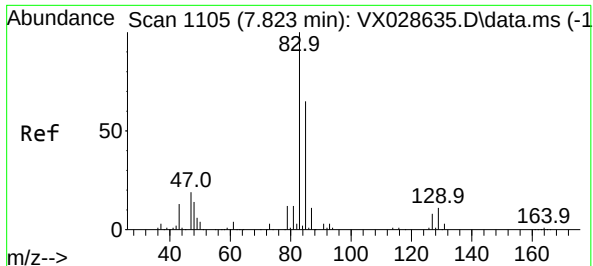
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#46
Dibromomethane
Concen: 5.269 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

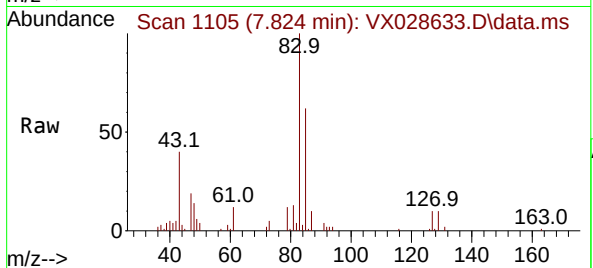
Tgt Ion: 93 Resp: 9323
Ion Ratio Lower Upper
93 100
95 81.3 65.8 98.6
174 87.1 85.4 128.2





#47
Bromodichloromethane
Concen: 4.969 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

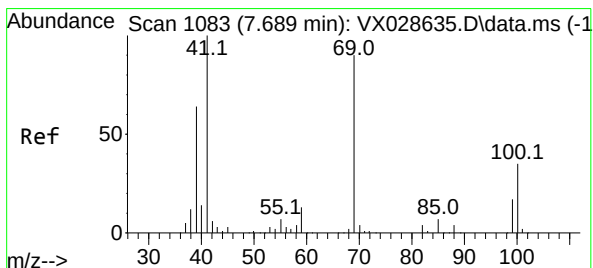
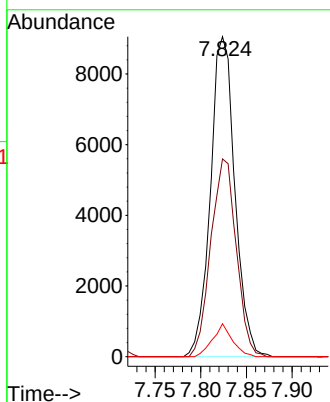
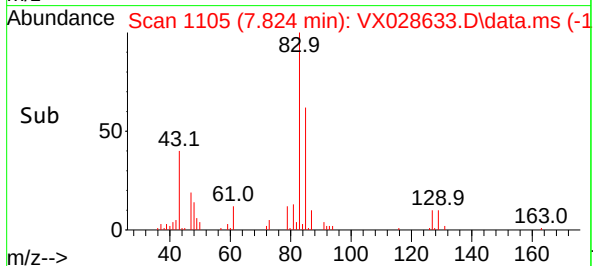
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



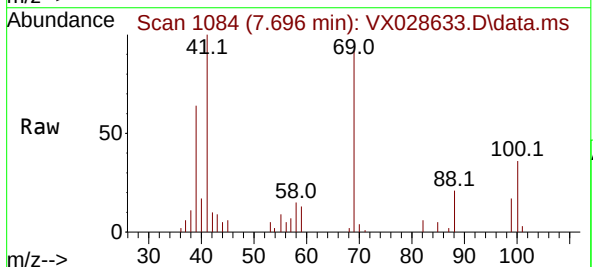
Tgt Ion: 83 Resp: 16830
Ion Ratio Lower Upper
83 100
85 61.8 52.2 78.2
127 10.3 6.8 10.2

Manual Integrations
APPROVED

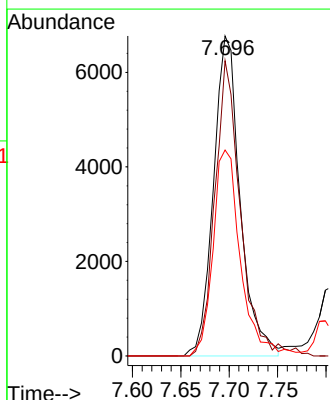
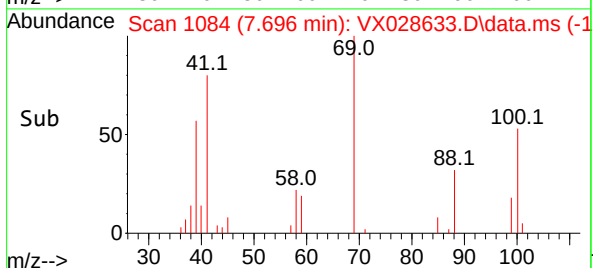
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

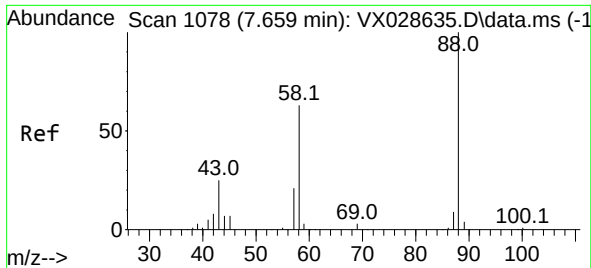


#48
Methyl methacrylate
Concen: 5.317 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion: 41 Resp: 12953
Ion Ratio Lower Upper
41 100
69 88.8 82.5 123.7
39 66.3 43.8 65.8





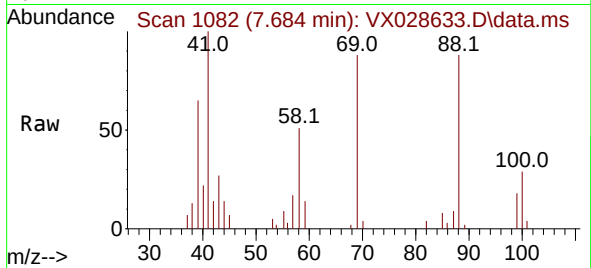
#49
1,4-Dioxane
Concen: 107.912 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



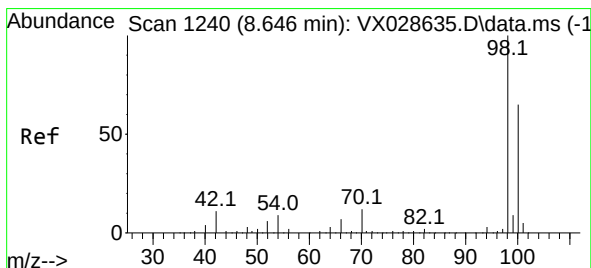
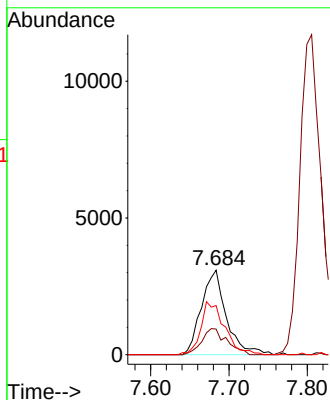
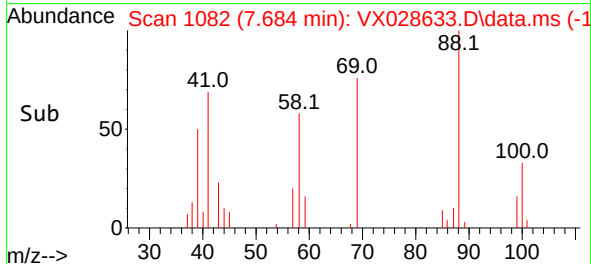
Tgt Ion: 88 Resp: 6849
Ion Ratio Lower Upper
88 100
43 31.0 21.9 32.9
58 59.5 53.7 80.5

Manual Integrations

APPROVED

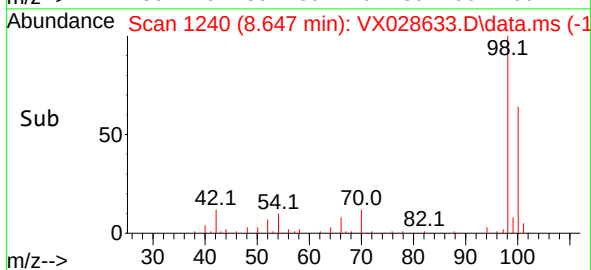
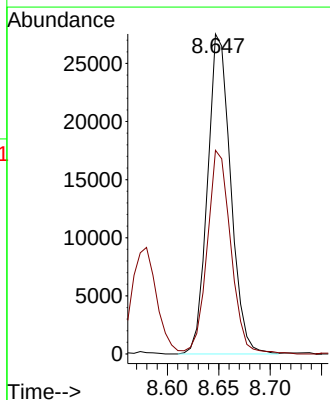
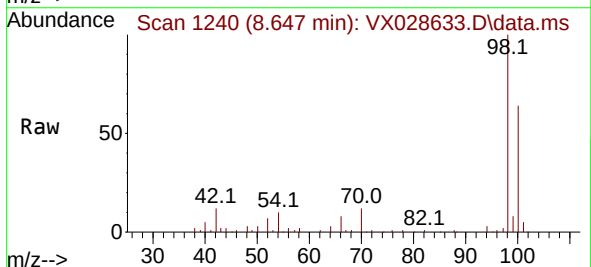
Reviewed By :John Carlone 05/13/2022

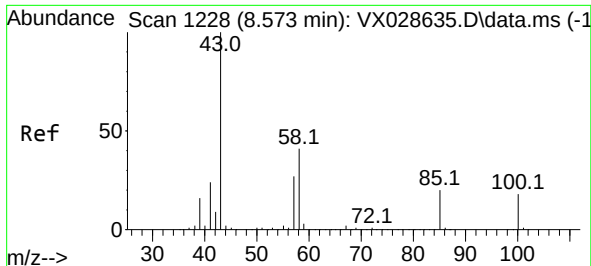
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 4.755 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 98 Resp: 43100
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 26.970 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

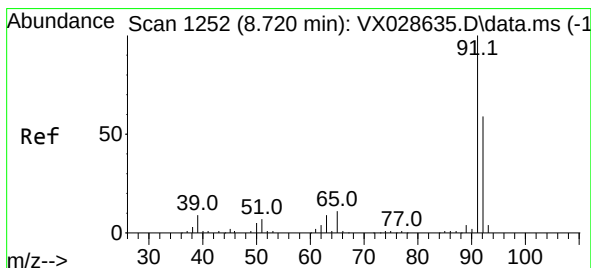
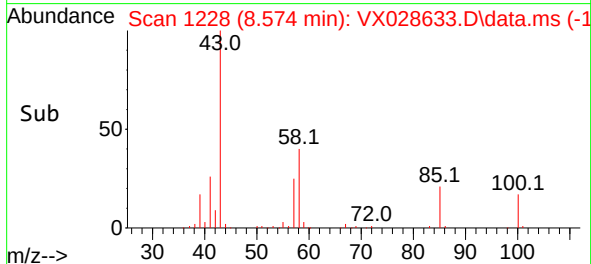
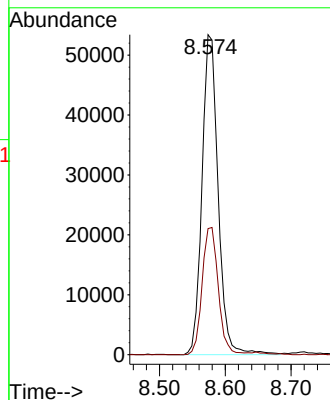
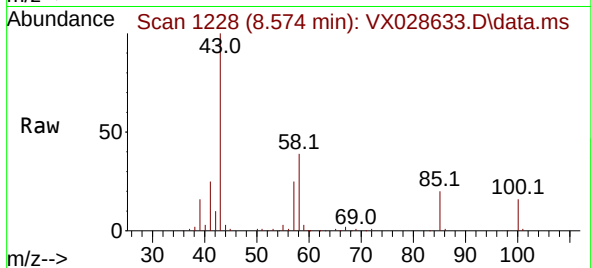
VSTDICC005

Tgt Ion: 43 Resp: 91128
Ion Ratio Lower Upper
43 100
58 39.7 36.1 54.1

Manual Integrations

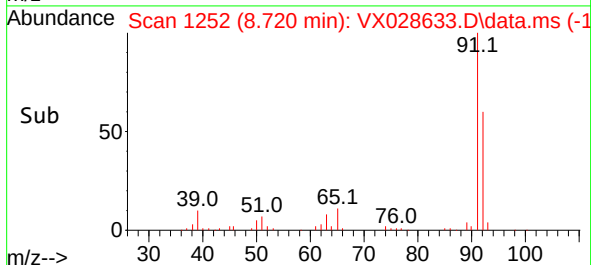
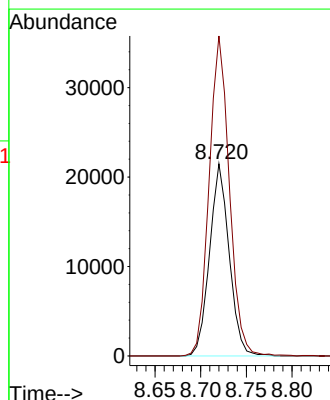
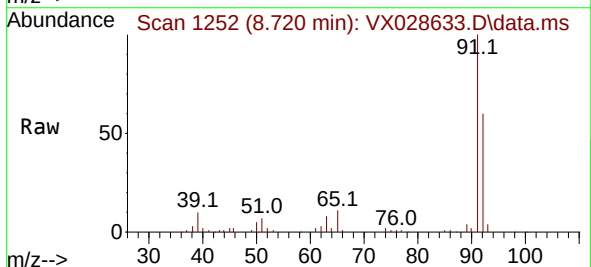
APPROVED

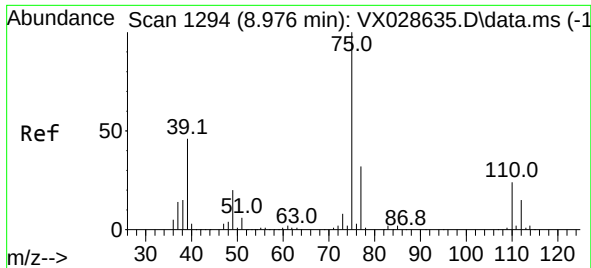
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 5.046 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 92 Resp: 32043
Ion Ratio Lower Upper
92 100
91 171.2 137.5 206.3





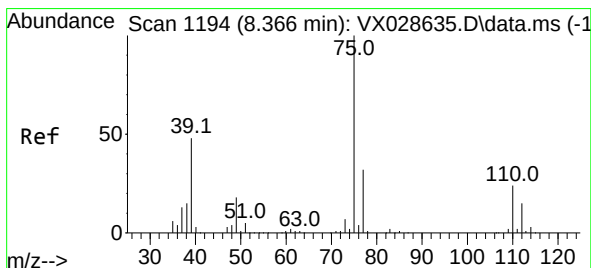
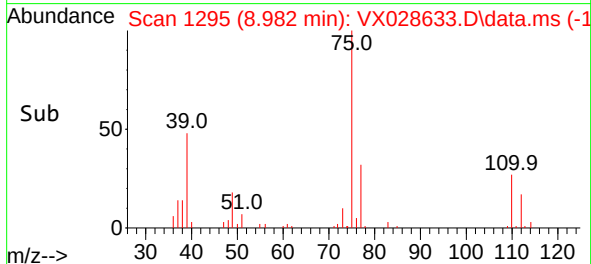
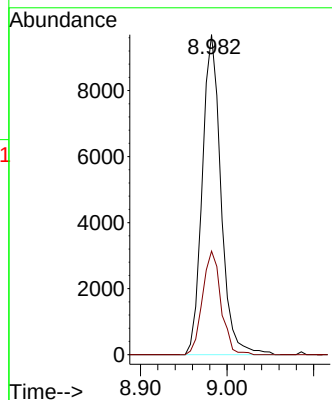
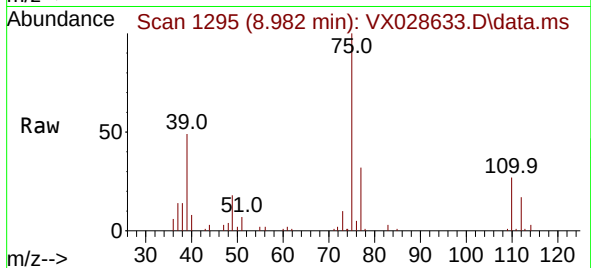
#53
t-1,3-Dichloropropene
Concen: 4.061 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1453
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

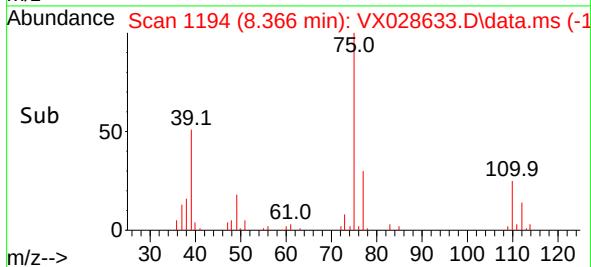
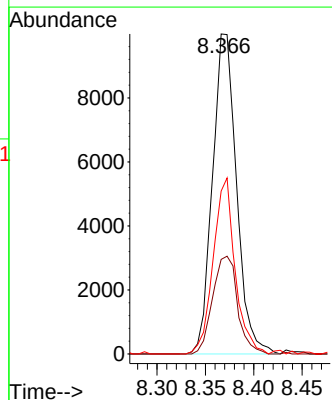
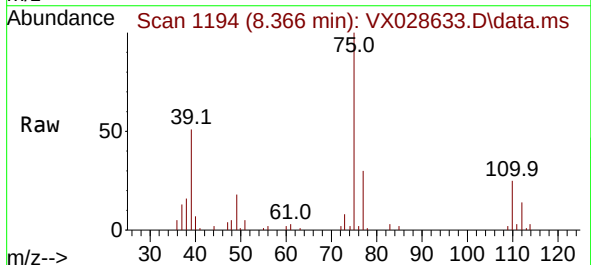
Manual Integrations
APPROVED

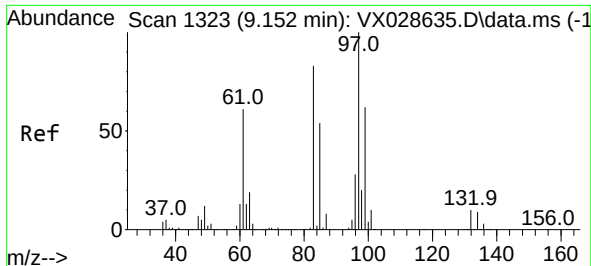
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#54
cis-1,3-Dichloropropene
Concen: 4.474 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 75 Resp: 17304
Ion Ratio Lower Upper
75 100
77 29.5 24.8 37.2
39 50.9 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 5.051 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 1304

Ion Ratio Lower Upper

97 100

83 84.7 66.2 99.4

85 58.6 42.9 64.3

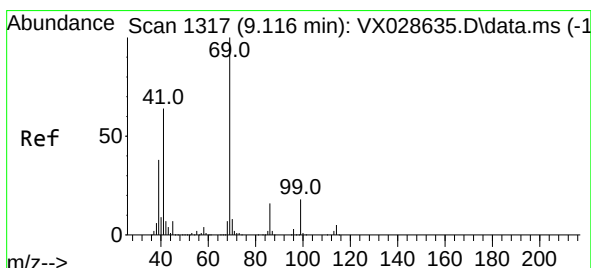
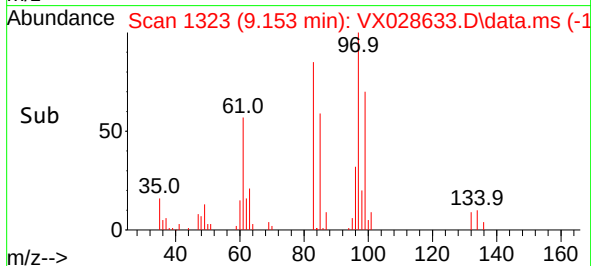
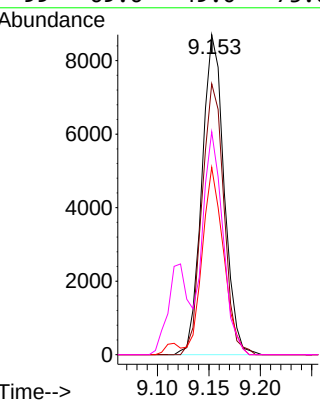
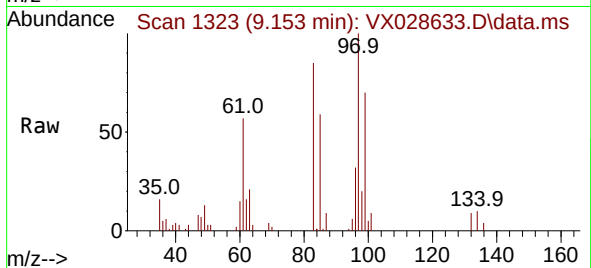
99 69.6 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 4.673 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

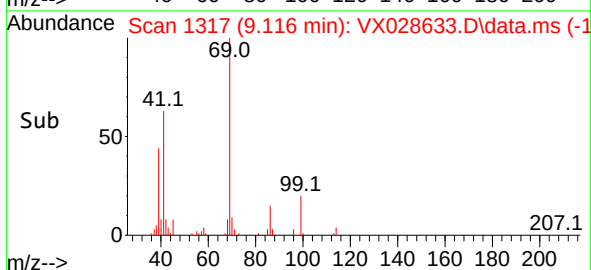
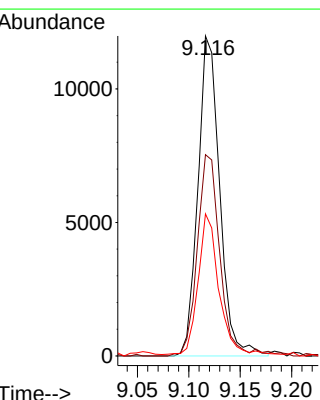
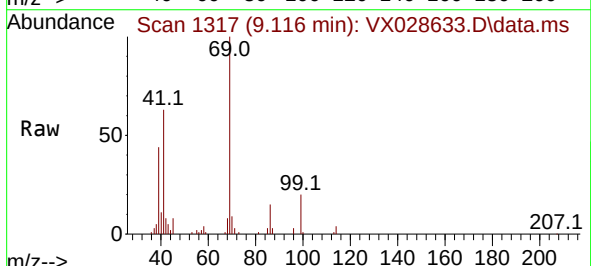
Tgt Ion: 69 Resp: 17624

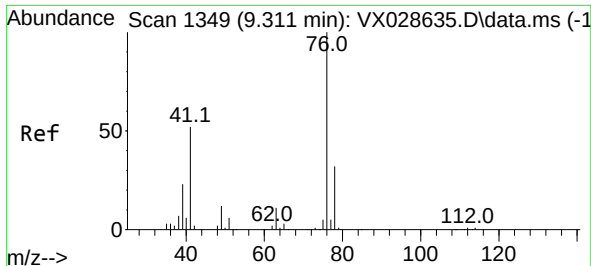
Ion Ratio Lower Upper

69 100

41 64.0 43.8 65.6

39 44.1 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 5.240 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2198

Ion Ratio Lower Upper

76 100

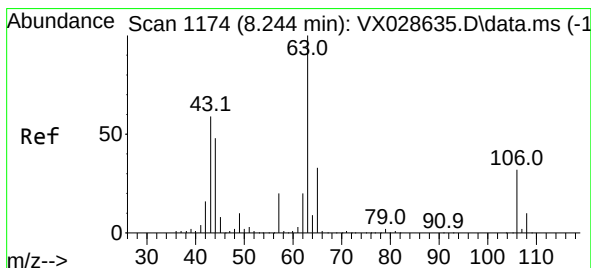
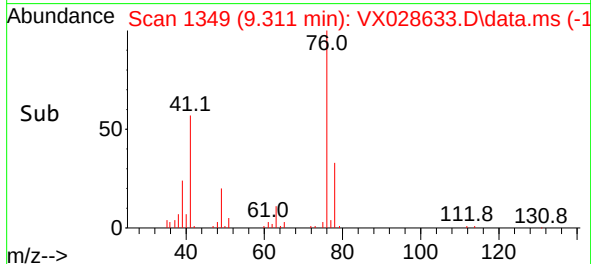
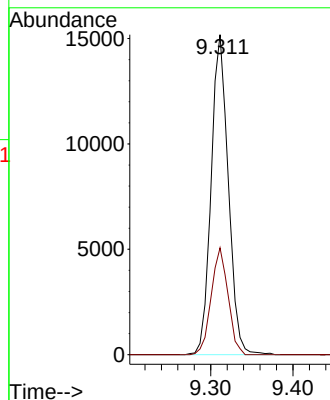
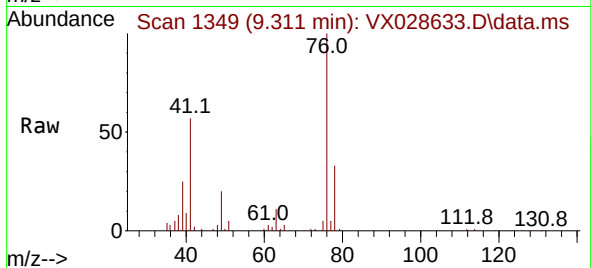
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 25.731 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028633.D

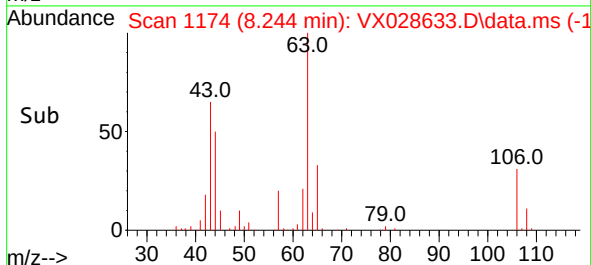
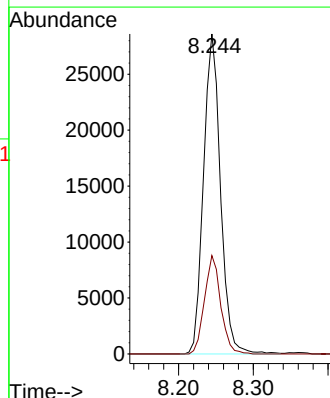
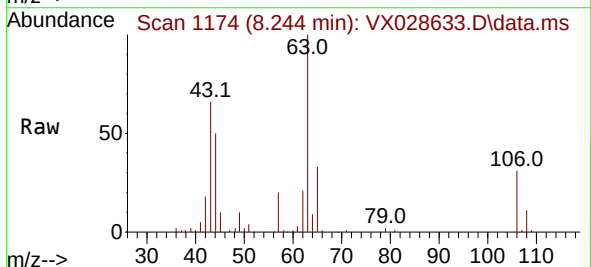
Acq: 12 May 2022 12:31

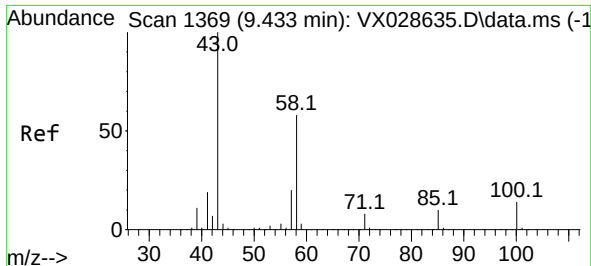
Tgt Ion: 63 Resp: 45131

Ion Ratio Lower Upper

63 100

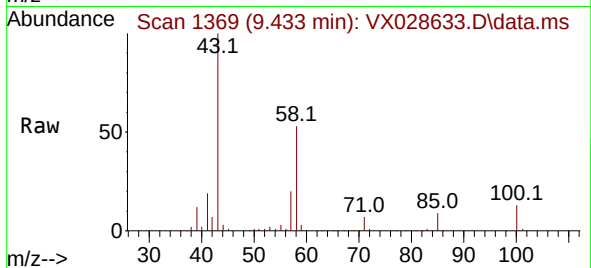
106 29.4 23.9 35.9





#59
2-Hexanone
Concen: 26.681 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

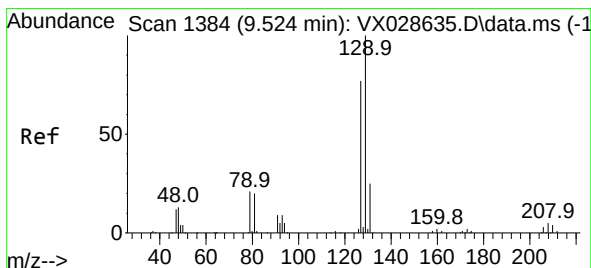
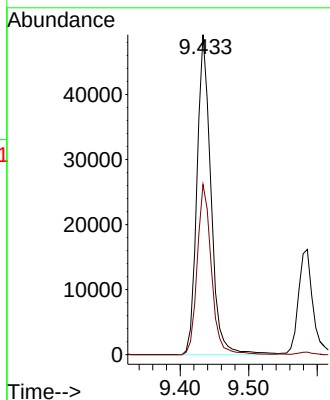
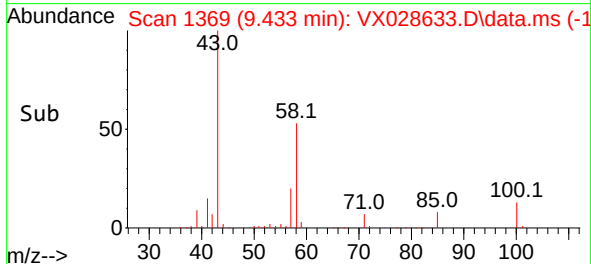
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 6997
Ion Ratio Lower Upper
43 100
58 53.9 31.9 95.7

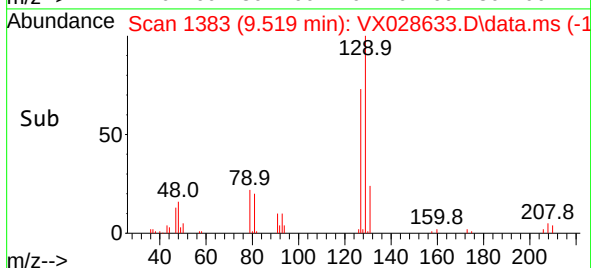
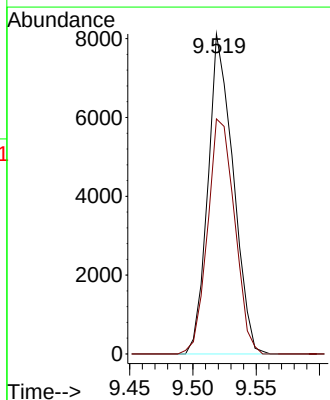
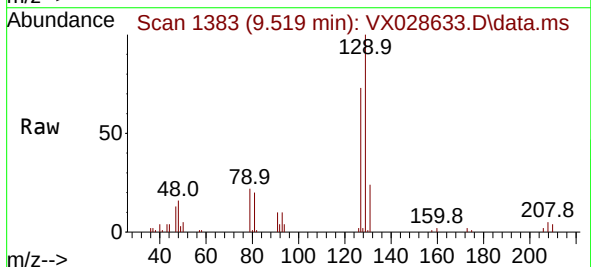
Manual Integrations
APPROVED

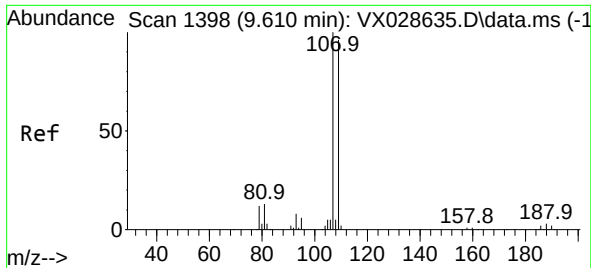
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 4.065 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

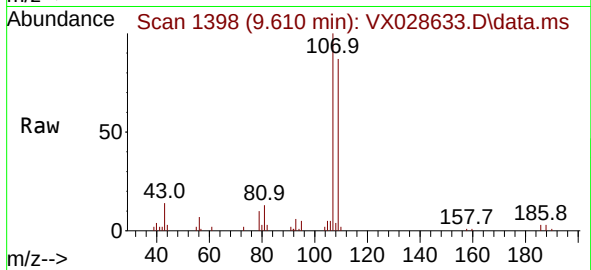
Tgt Ion:129 Resp: 11251
Ion Ratio Lower Upper
129 100
127 78.6 40.3 120.8





#61
1,2-Dibromoethane
Concen: 4.747 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

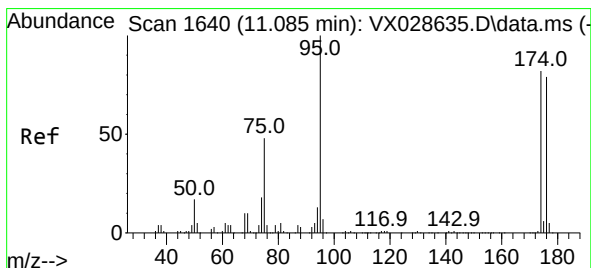
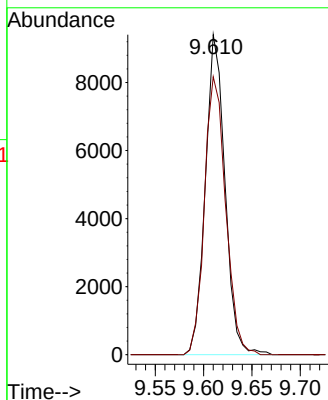
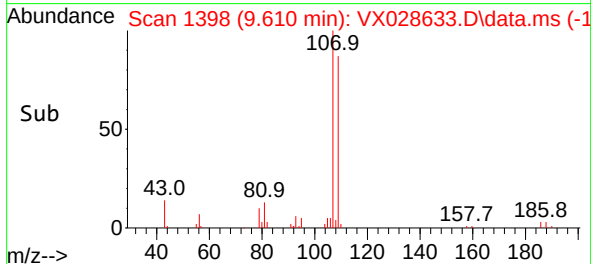
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 13298
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6

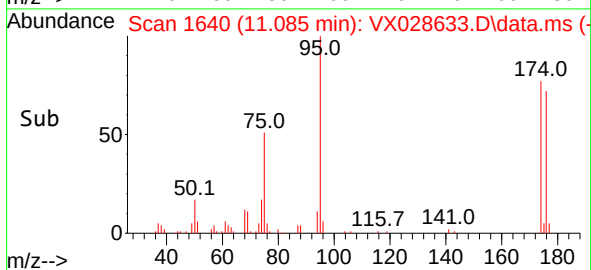
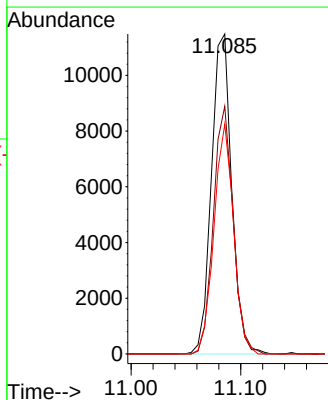
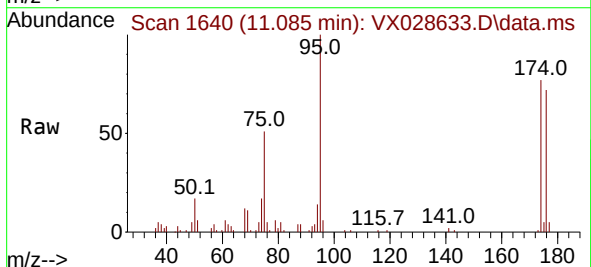
Manual Integrations
APPROVED

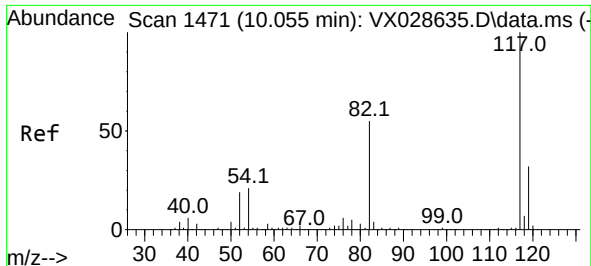
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 4.278 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

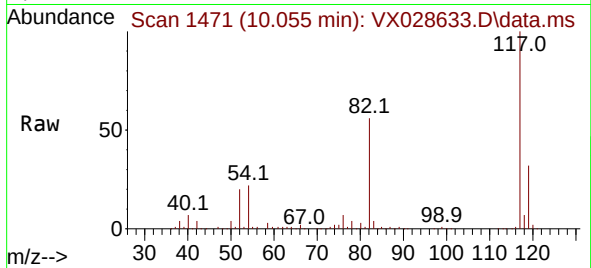
Tgt Ion: 95 Resp: 14748
Ion Ratio Lower Upper
95 100
174 75.7 0.0 163.0
176 69.7 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

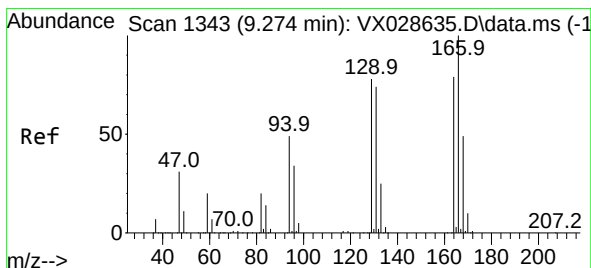
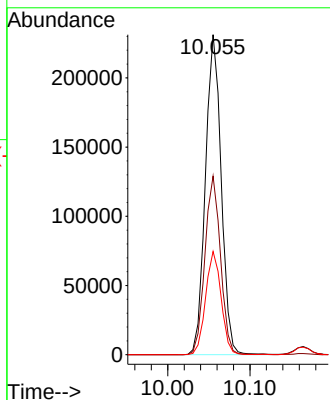
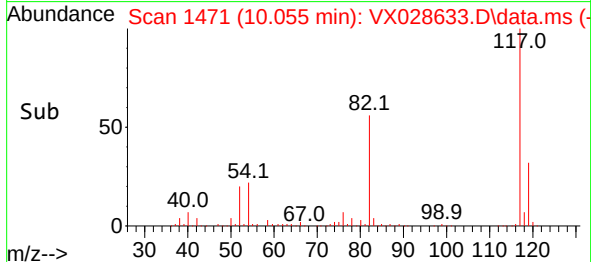
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 308549
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.3 24.8 37.2

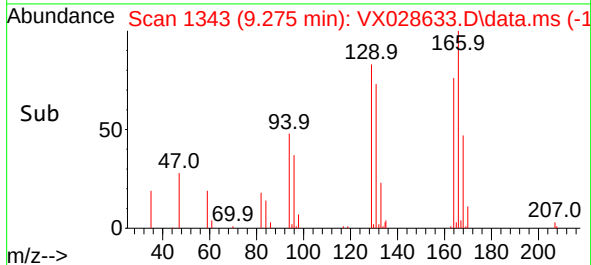
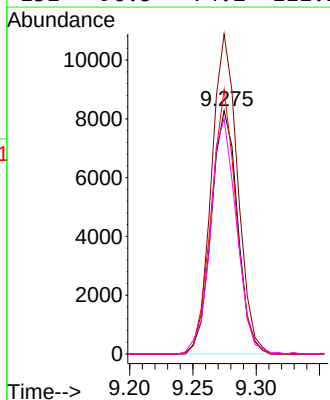
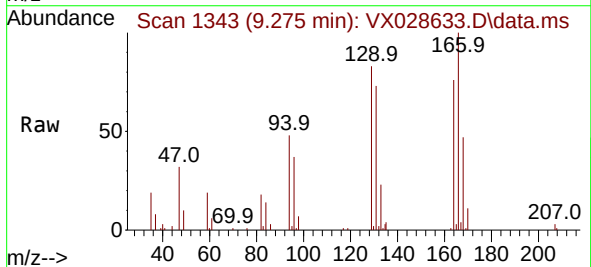
Manual Integrations
APPROVED

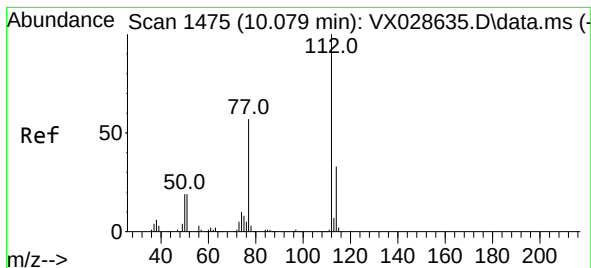
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 4.877 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion:164 Resp: 11893
Ion Ratio Lower Upper
164 100
166 131.6 101.2 151.8
129 108.7 73.0 109.4
131 96.5 74.2 111.2





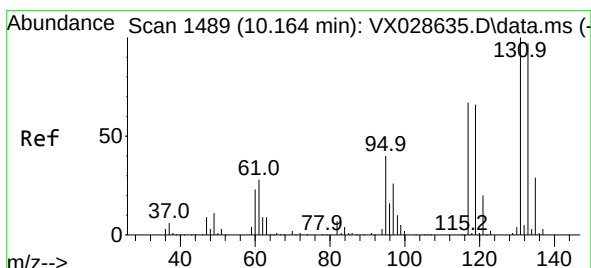
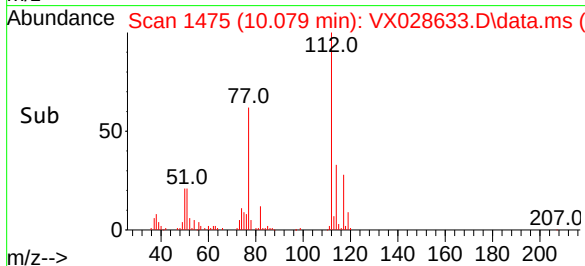
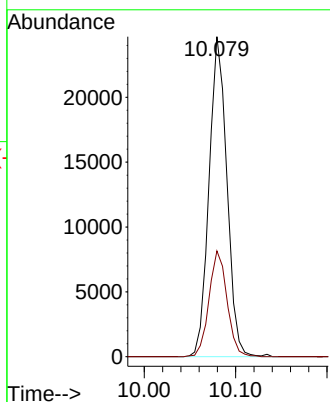
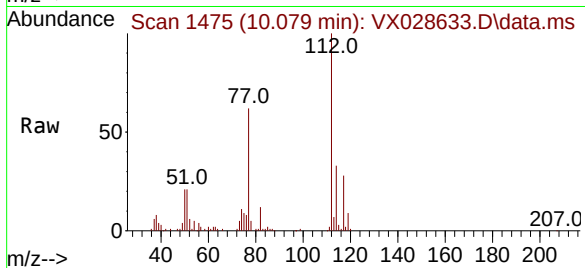
#65
Chlorobenzene
Concen: 5.041 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3348
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

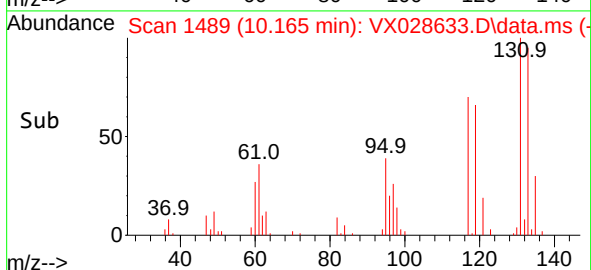
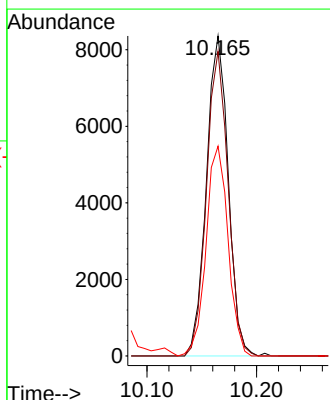
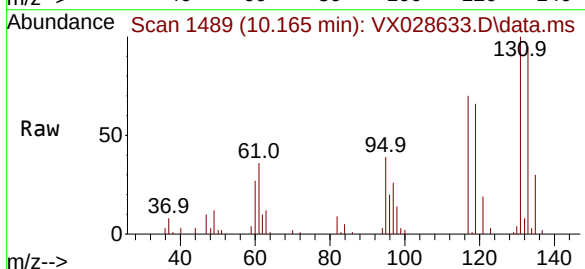
Manual Integrations
APPROVED

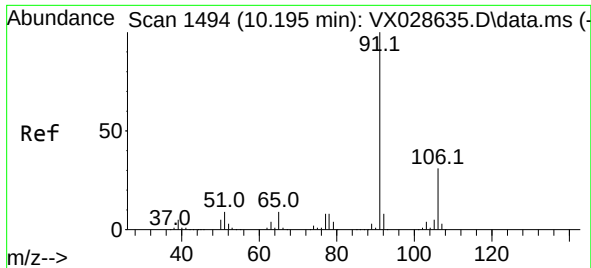
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.722 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion:131 Resp: 11598
Ion Ratio Lower Upper
131 100
133 94.1 48.3 144.8
119 65.9 32.6 98.0





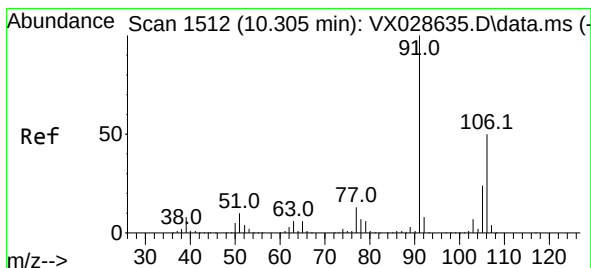
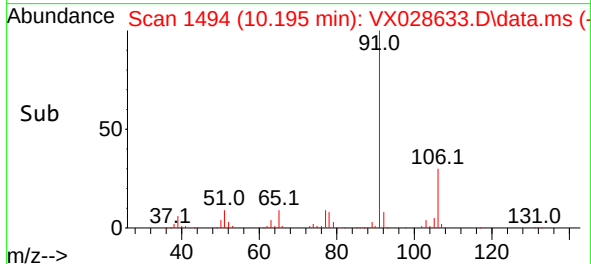
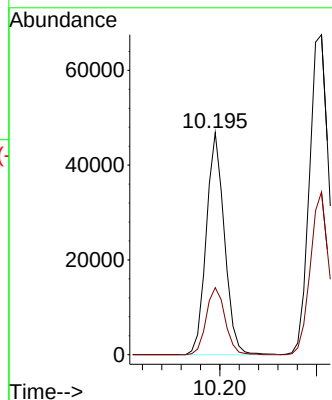
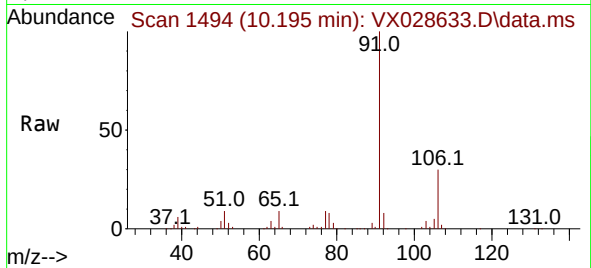
#67
Ethyl Benzene
Concen: 5.419 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 60930
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

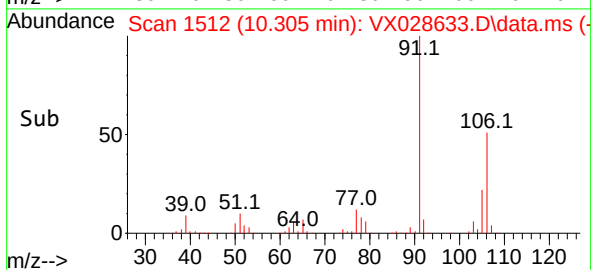
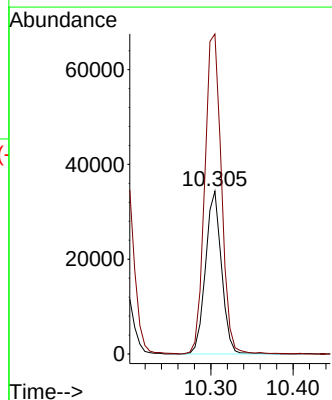
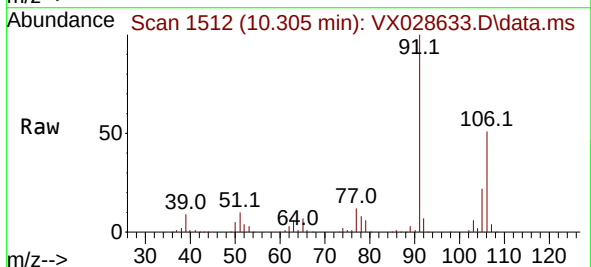
Manual Integrations
APPROVED

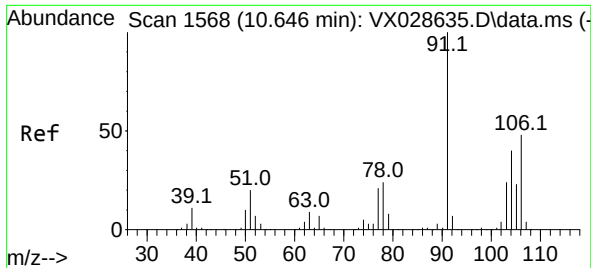
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#68
m/p-Xylenes
Concen: 10.236 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion:106 Resp: 46434
Ion Ratio Lower Upper
106 100
91 205.3 160.4 240.6





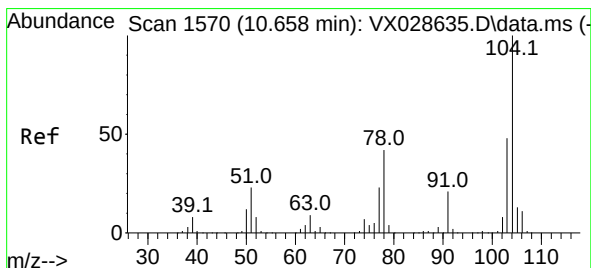
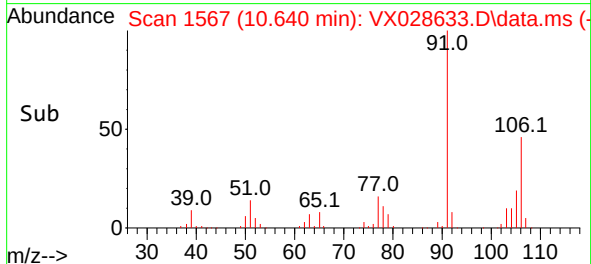
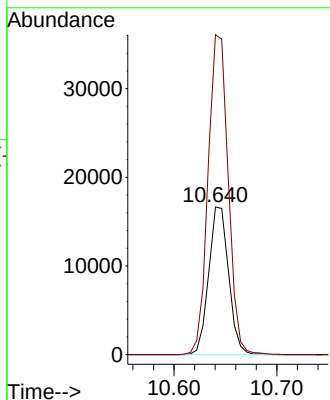
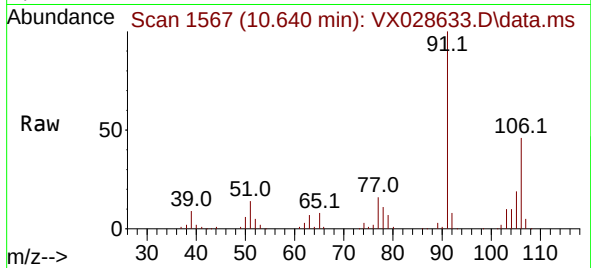
#69
o-Xylene
Concen: 4.972 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2242
Ion Ratio Lower Upper
106 100
91 219.1 106.1 318.1

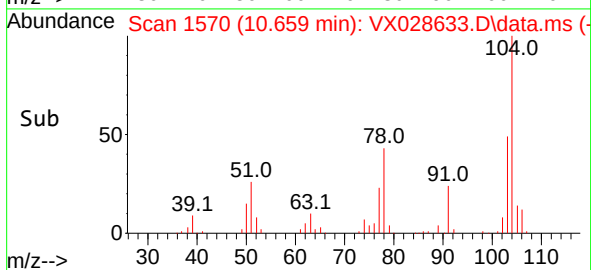
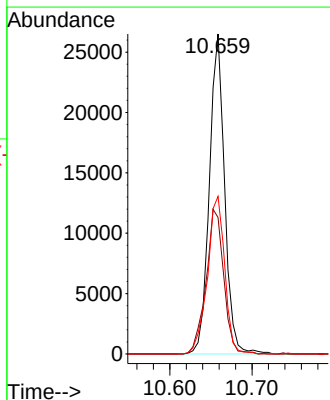
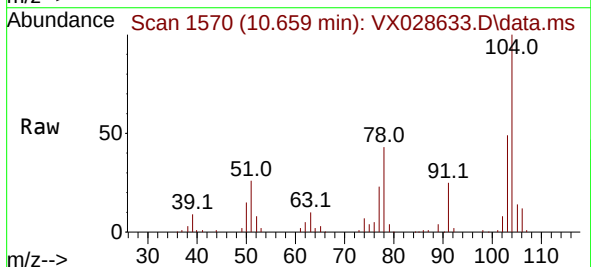
Manual Integrations
APPROVED

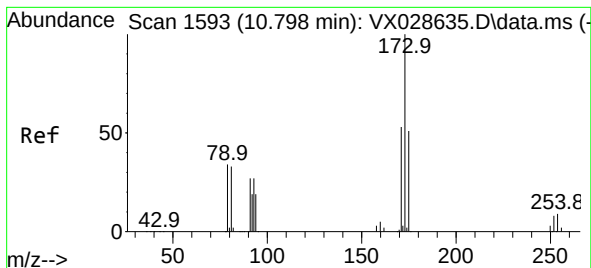
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 4.670 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

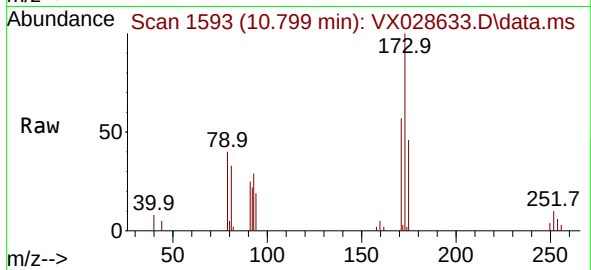
Tgt Ion:104 Resp: 34292
Ion Ratio Lower Upper
104 100
78 52.4 38.6 57.8
103 55.7 43.8 65.8





#71
Bromoform
Concen: 3.713 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

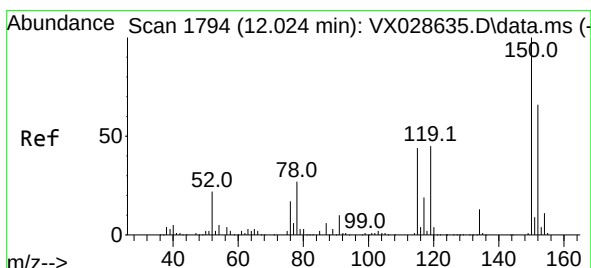
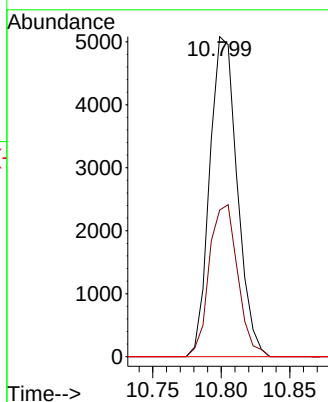
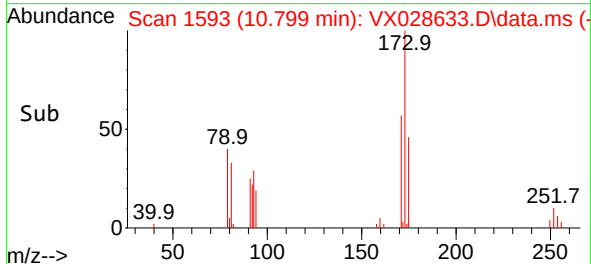
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



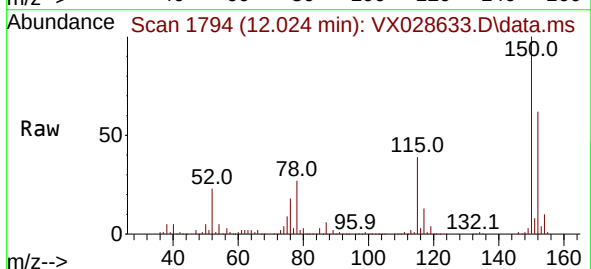
Tgt Ion:173 Resp: 710
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

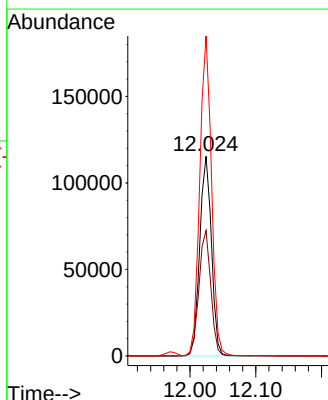
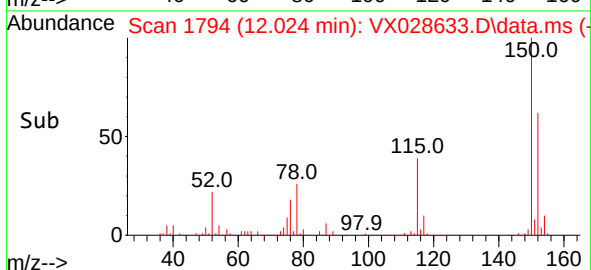
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

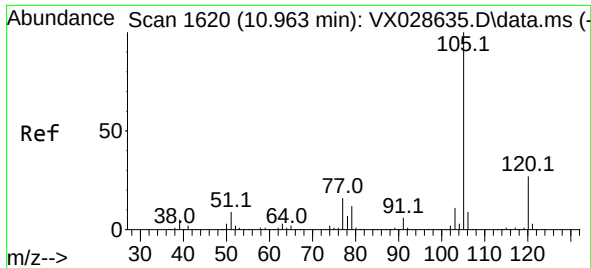


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



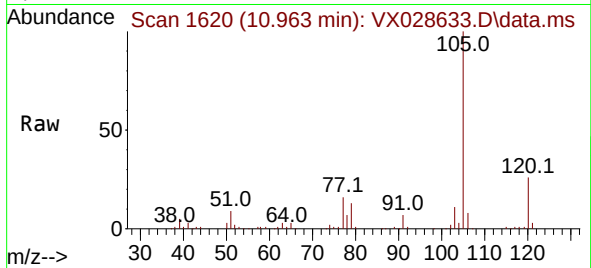
Tgt Ion:152 Resp: 142705
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 160.3 0.0 338.2





#73
Isopropylbenzene
Concen: 5.852 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

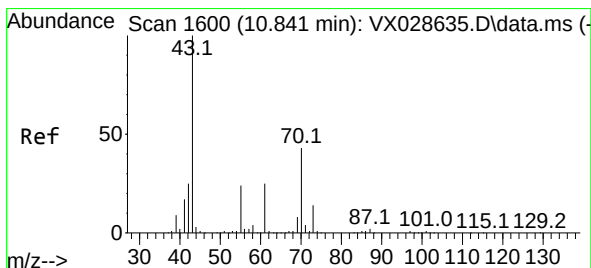
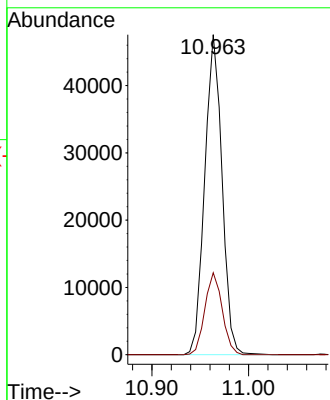
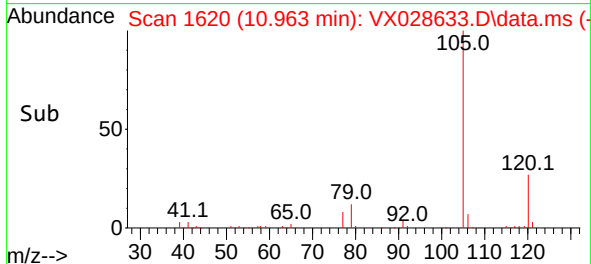
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



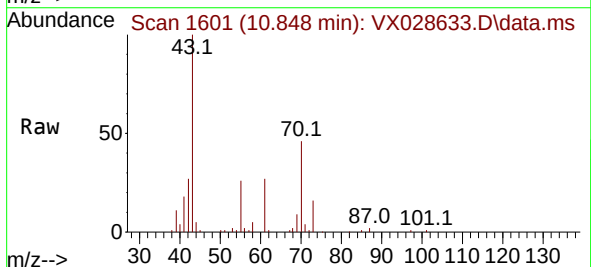
Tgt Ion:105 Resp: 59018
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5

Manual Integrations
APPROVED

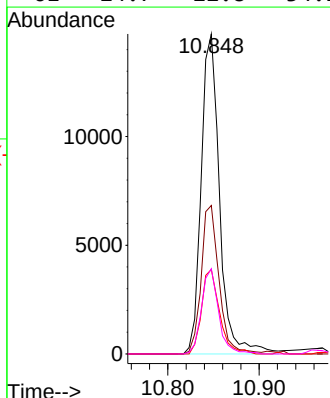
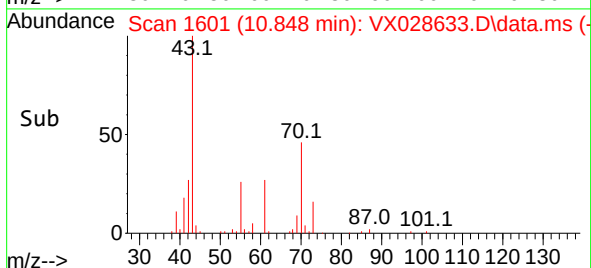
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

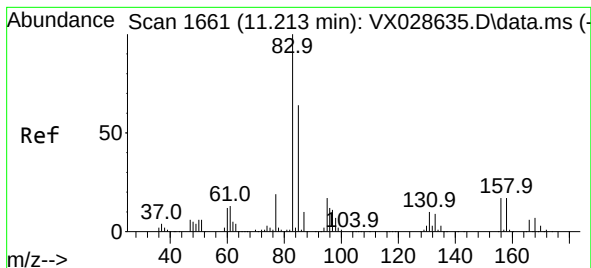


#74
N-ethyl acetate
Concen: 5.700 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion: 43 Resp: 20511
Ion Ratio Lower Upper
43 100
70 45.0 42.5 63.7
55 25.9 23.1 34.7
61 24.7 22.8 34.2





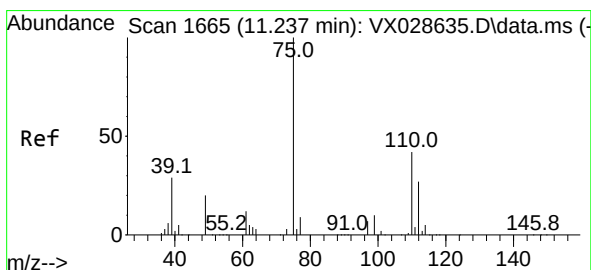
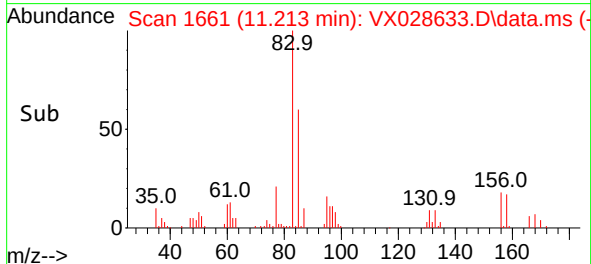
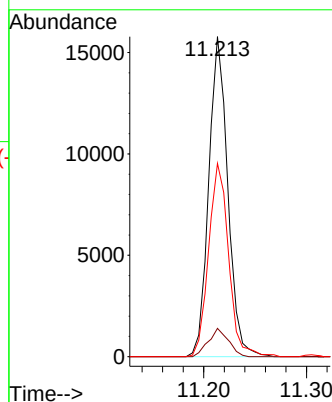
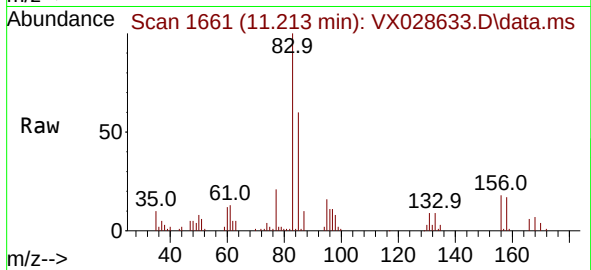
#75
1,1,2,2-Tetrachloroethane
Concen: 6.170 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 20278
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.6 32.6 97.7

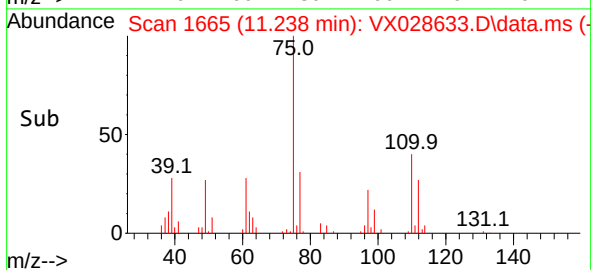
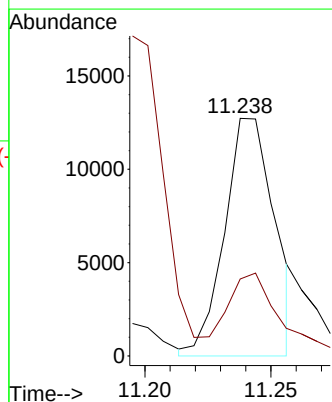
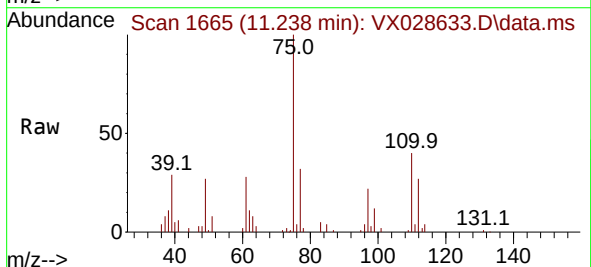
Manual Integrations
APPROVED

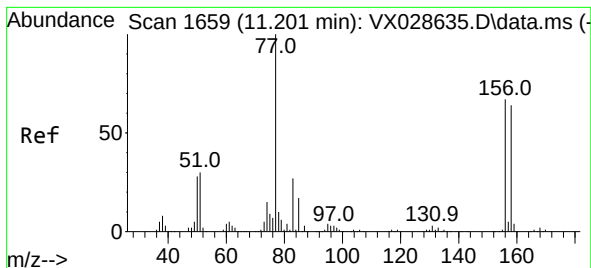
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#76
1,2,3-Trichloropropane
Concen: 6.039 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 75 Resp: 17581
Ion Ratio Lower Upper
75 100
77 38.7 19.4 58.2





#77

Bromobenzene

Concen: 5.101 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

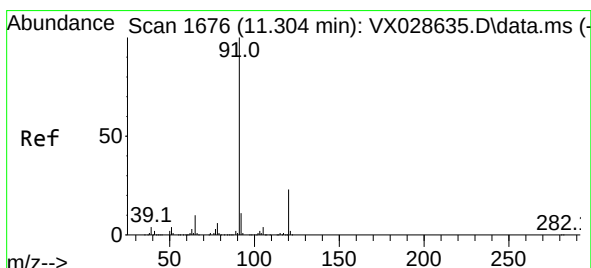
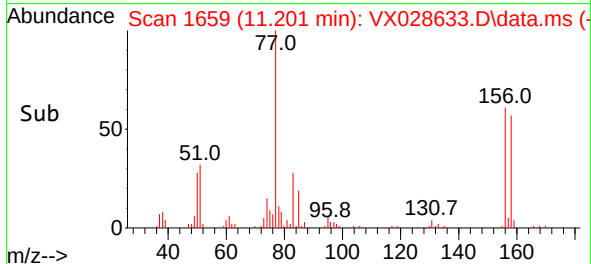
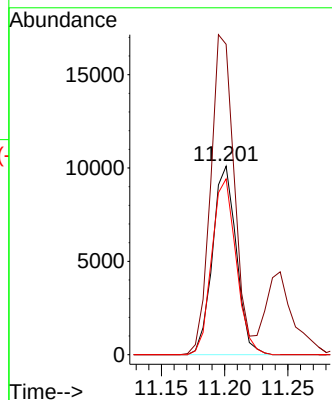
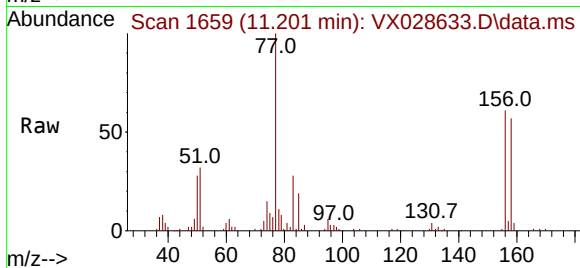
Tgt Ion:	156	Resp:	13218
Ion Ratio	Lower	Upper	
156	100		
77	167.6	78.5	235.3
158	95.4	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 5.932 ug/l

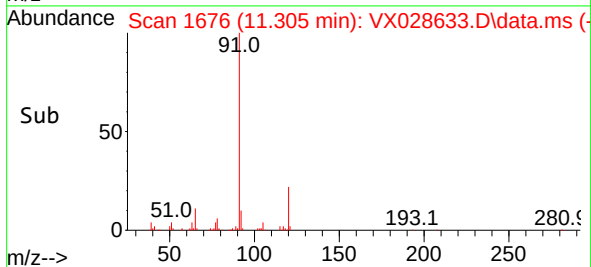
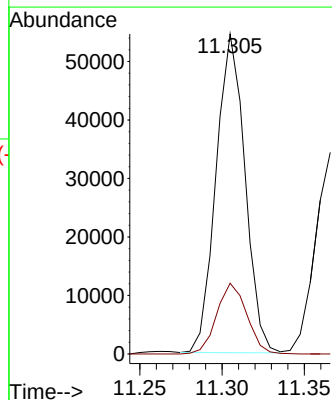
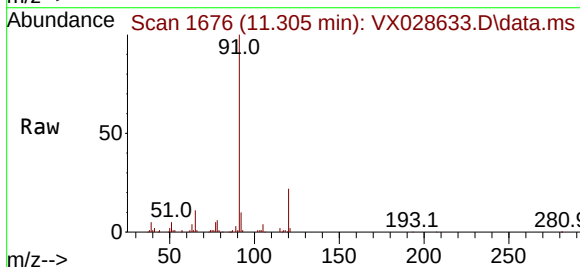
RT: 11.305 min Scan# 1676

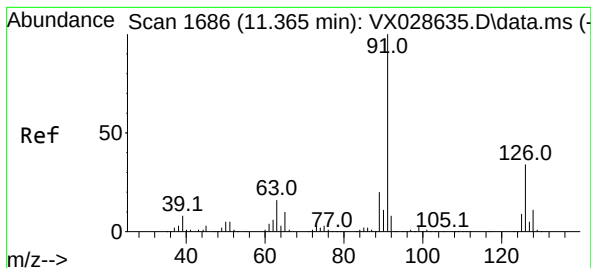
Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Tgt Ion:	91	Resp:	66745
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.6	34.8





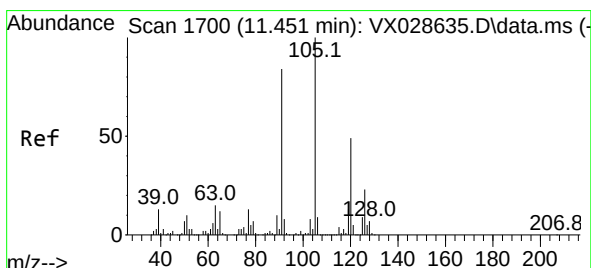
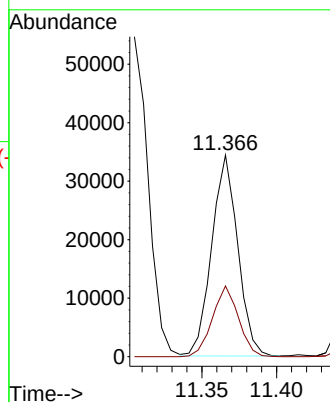
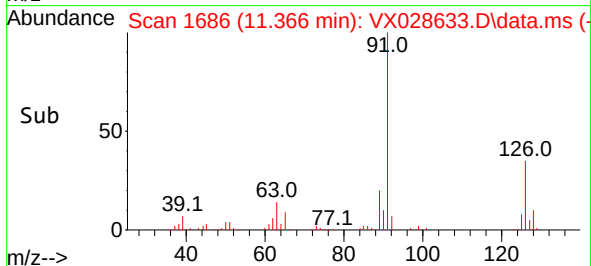
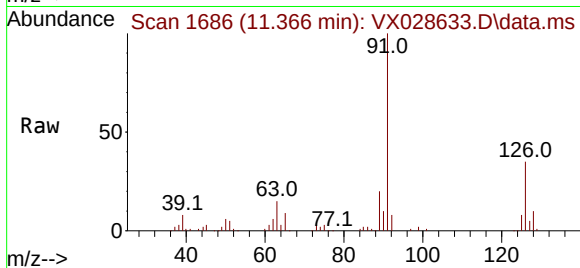
#79
2-Chlorotoluene
Concen: 5.968 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4156
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

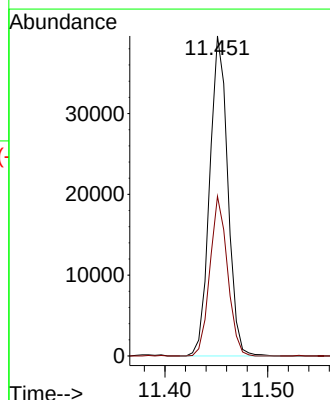
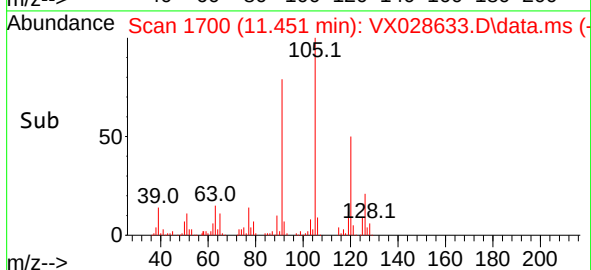
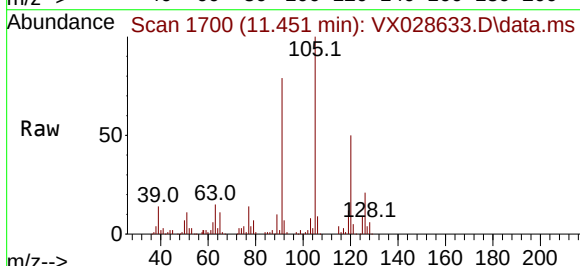
Manual Integrations
APPROVED

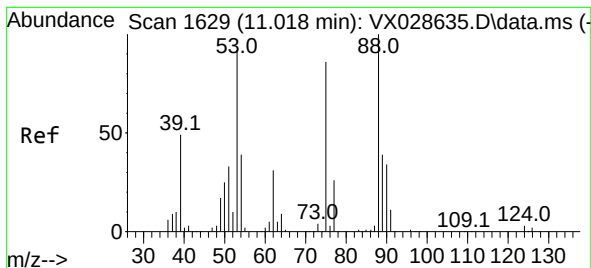
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.670 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

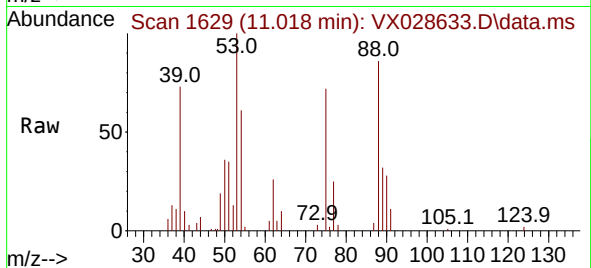
Tgt Ion:105 Resp: 48292
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 3.919 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

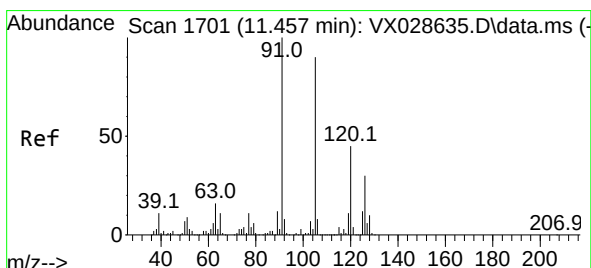
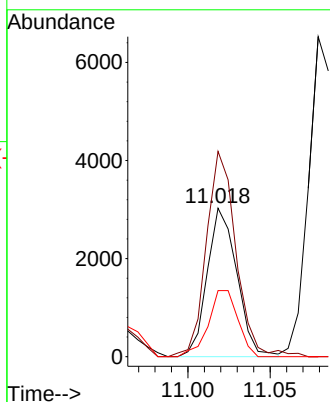
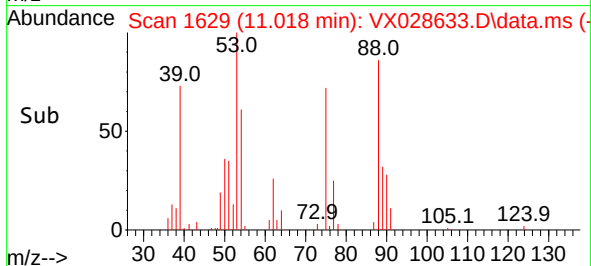
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3800
Ion Ratio Lower Upper
75 100
53 138.6 69.0 103.4
89 44.3 37.0 55.6

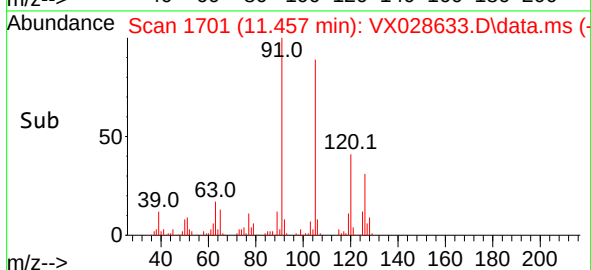
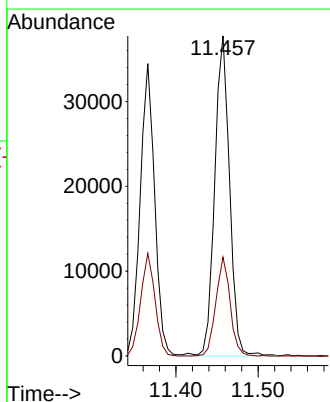
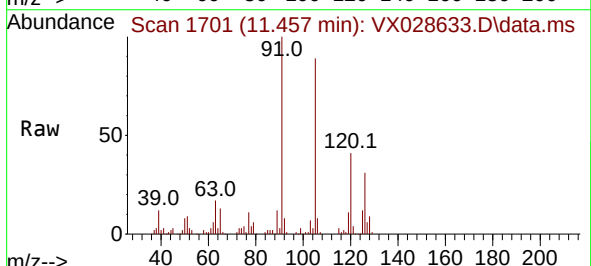
Manual Integrations
APPROVED

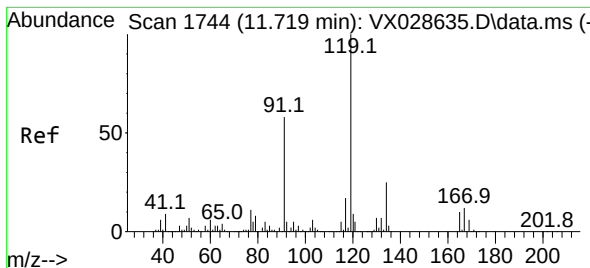
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 5.908 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Tgt Ion: 91 Resp: 47455
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.5





#83

tert-Butylbenzene

Concen: 5.351 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

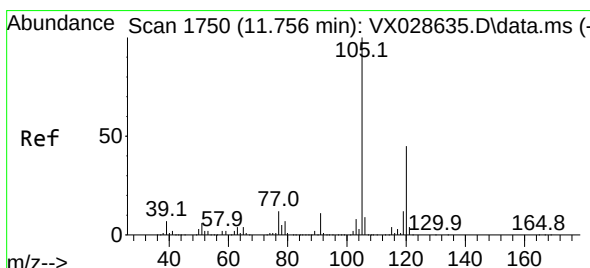
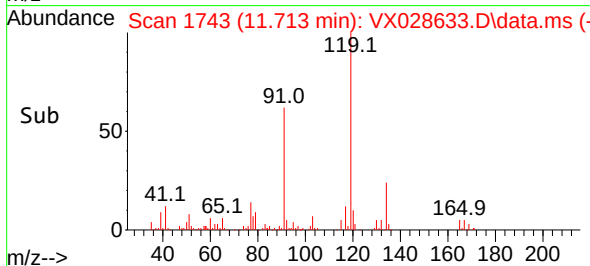
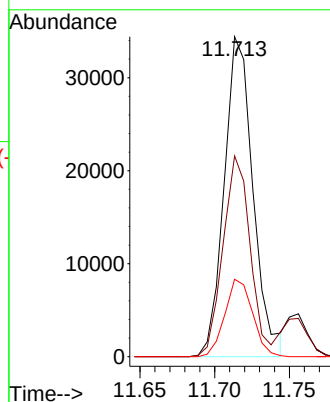
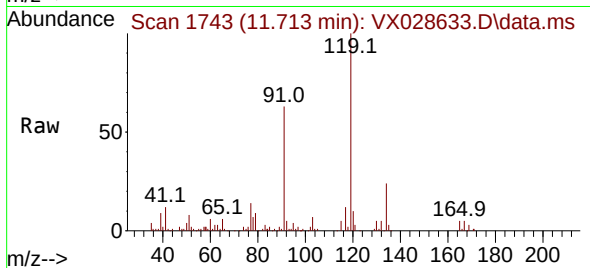
Tgt Ion:	119	Resp:	4613
Ion Ratio	Lower	Upper	
119	100		
91	59.2	26.9	80.6
134	23.3	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#84

1,2,4-Trimethylbenzene

Concen: 5.656 ug/l

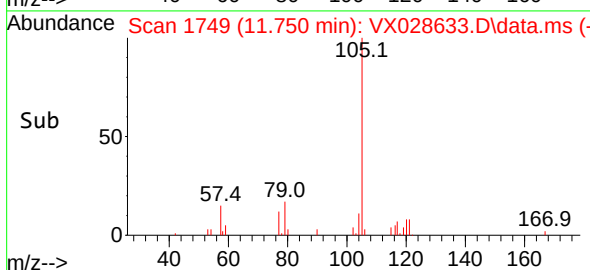
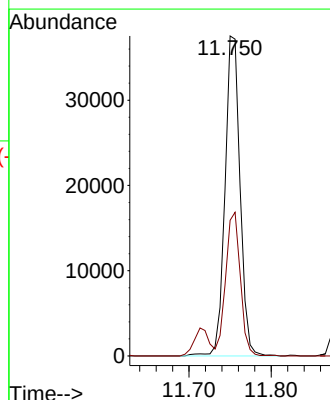
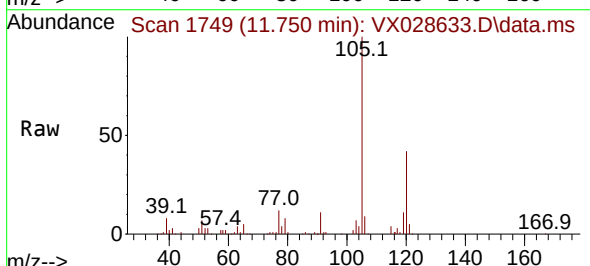
RT: 11.750 min Scan# 1749

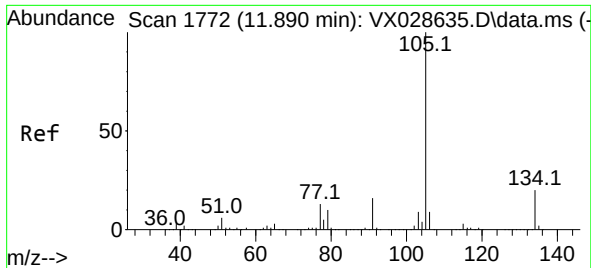
Delta R.T. -0.006 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

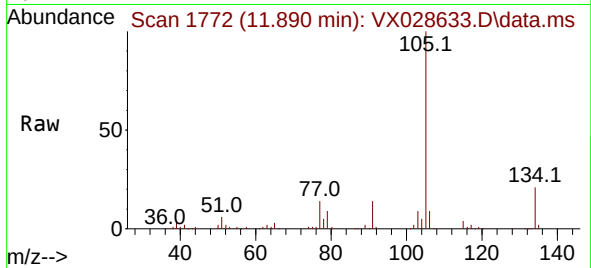
Tgt Ion:	105	Resp:	47884
Ion Ratio	Lower	Upper	
105	100		
120	43.6	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 5.458 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028633.D
 Acq: 12 May 2022 12:31

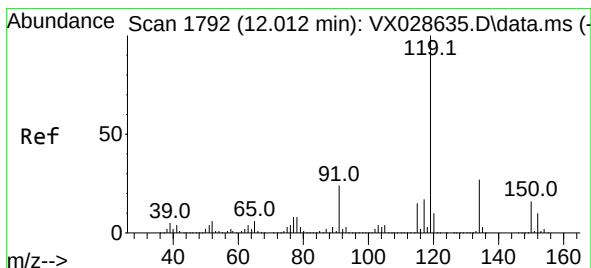
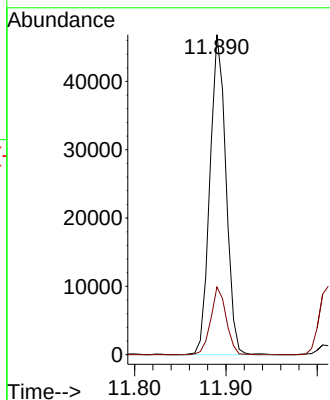
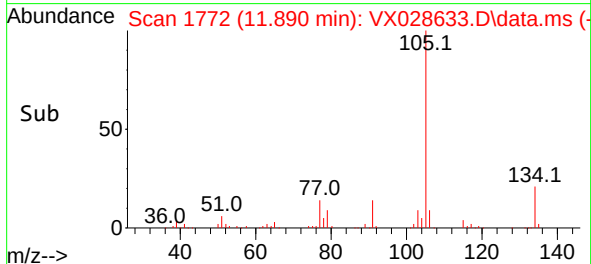
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



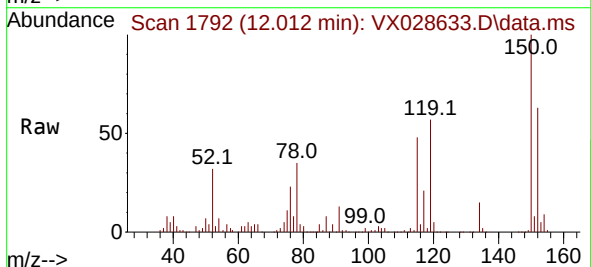
Tgt Ion:105 Resp: 56950
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
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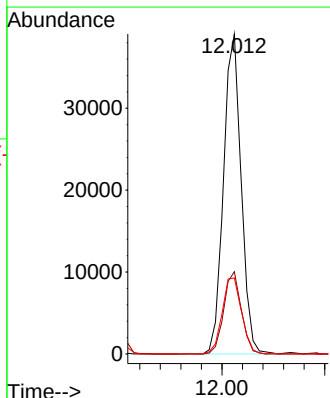
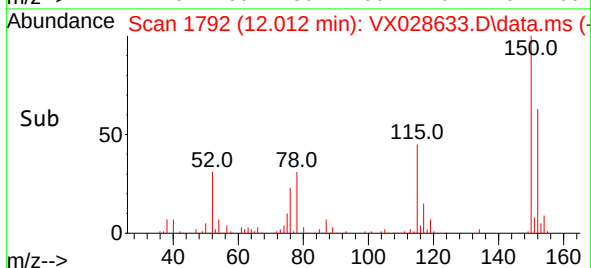
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

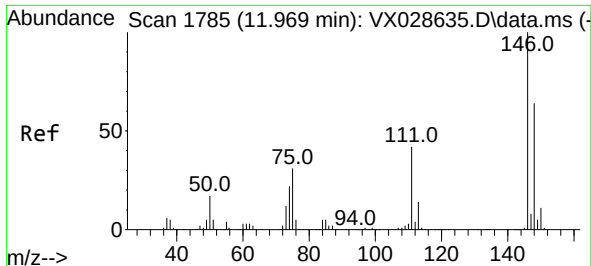


#86
 p-Isopropyltoluene
 Concen: 5.186 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028633.D
 Acq: 12 May 2022 12:31



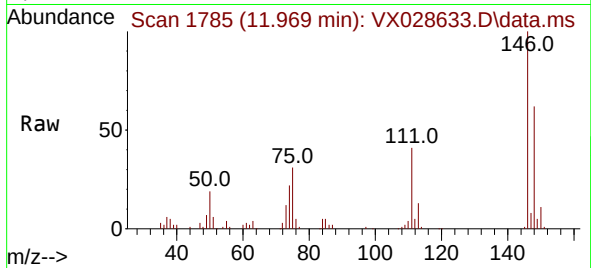
Tgt Ion:119 Resp: 46497
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 26.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 5.327 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

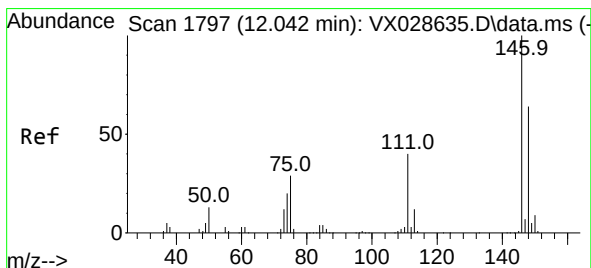
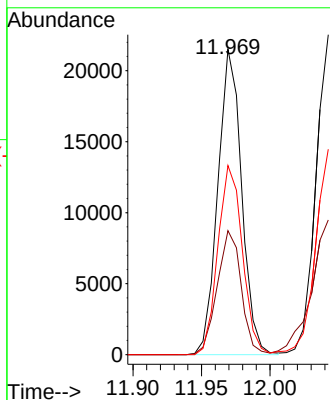
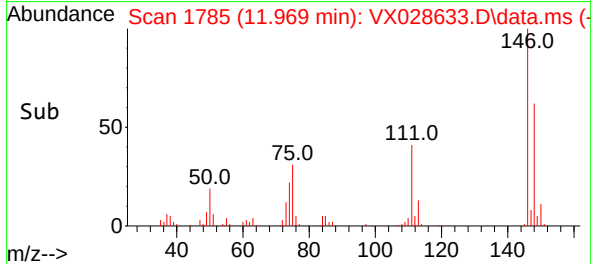
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



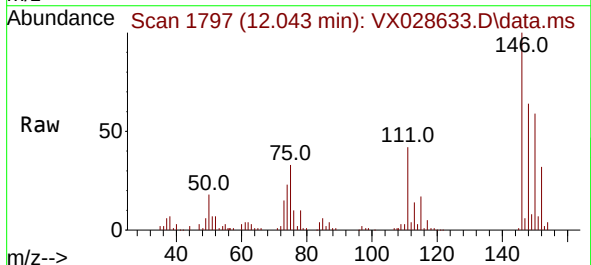
Tgt Ion:146 Resp: 2593
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.1
148 63.8 31.6 94.7

Manual Integrations
APPROVED

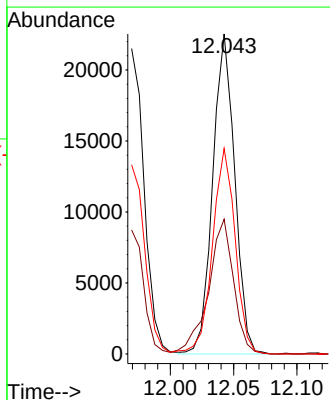
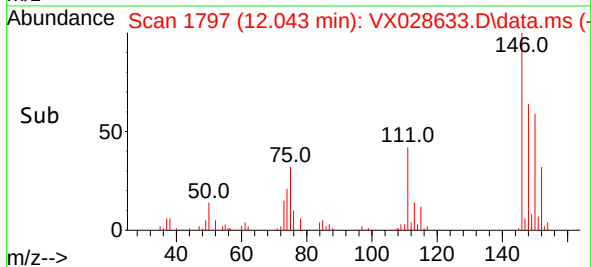
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

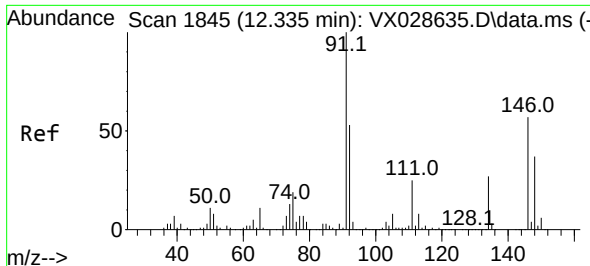


#88
1,4-Dichlorobenzene
Concen: 5.340 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion:146 Resp: 27237
Ion Ratio Lower Upper
146 100
111 48.3 19.2 57.6
148 66.5 32.3 96.9





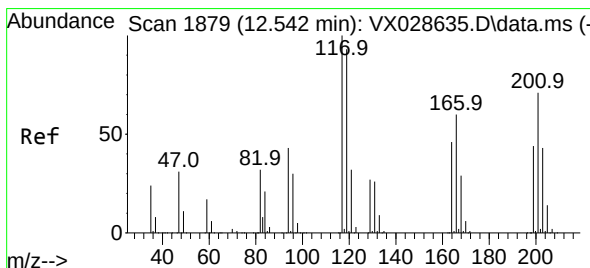
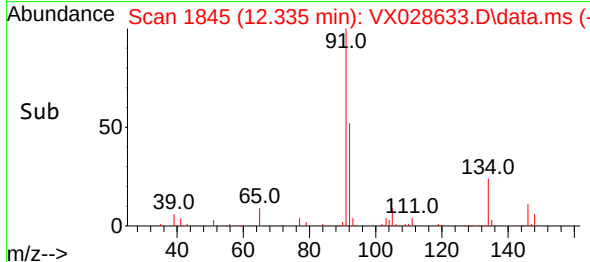
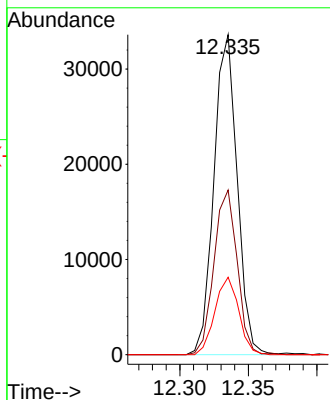
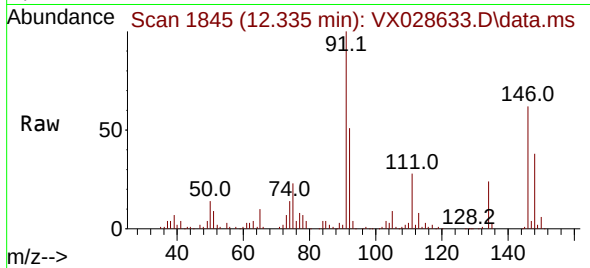
#89
n-Butylbenzene
Concen: 5.313 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3962
Ion Ratio Lower Upper
91 100
92 51.5 27.8 83.3
134 24.8 13.3 39.8

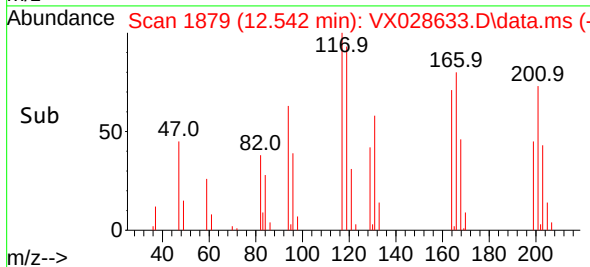
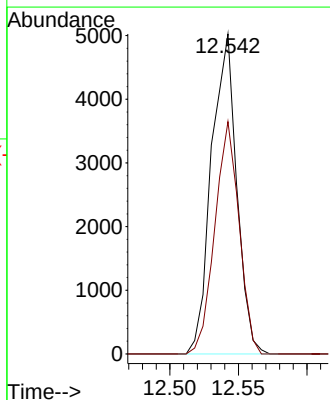
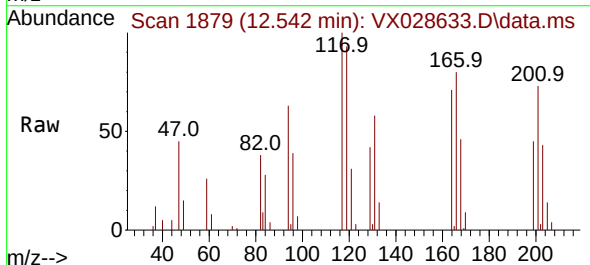
Manual Integrations
APPROVED

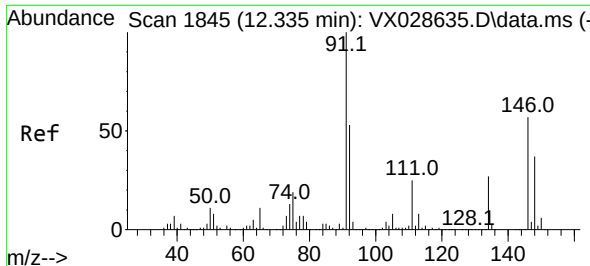
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 4.487 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

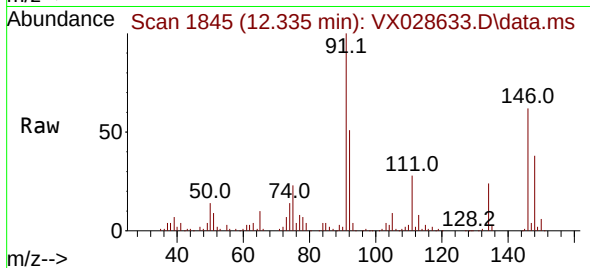
Tgt Ion:117 Resp: 6431
Ion Ratio Lower Upper
117 100
201 69.7 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 5.398 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

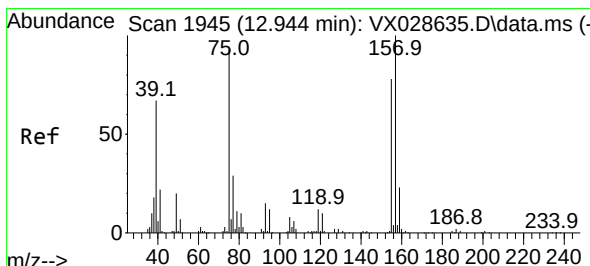
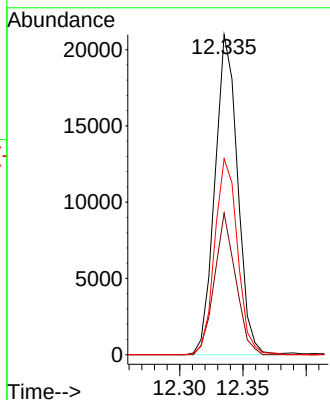
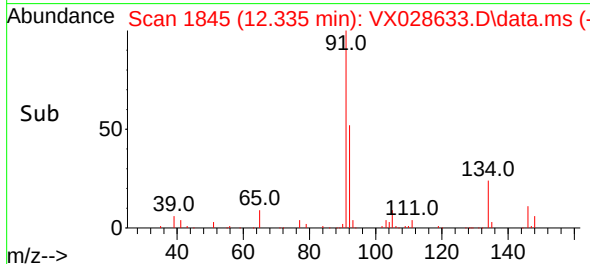
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



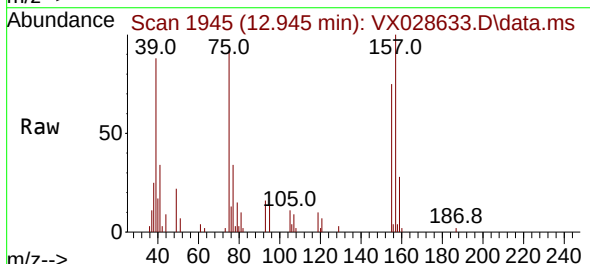
Tgt Ion:146 Resp: 2610
Ion Ratio Lower Upper
146 100
111 41.5 21.0 63.0
148 61.7 32.6 97.7

Manual Integrations
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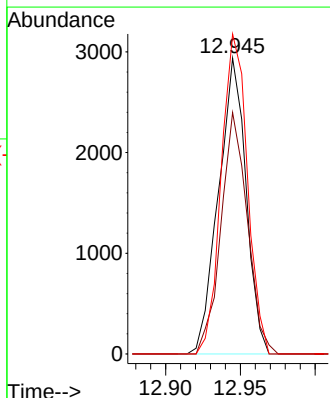
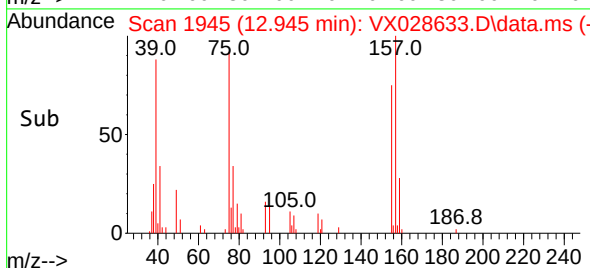
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

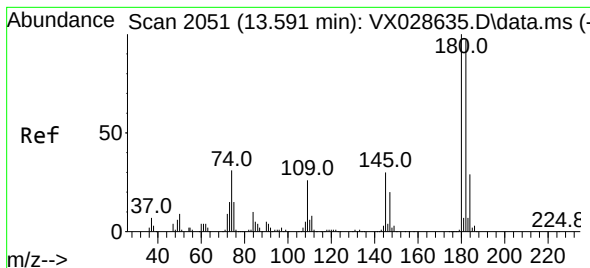


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.146 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion: 75 Resp: 3751
Ion Ratio Lower Upper
75 100
155 78.4 47.0 141.2
157 103.0 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 4.821 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

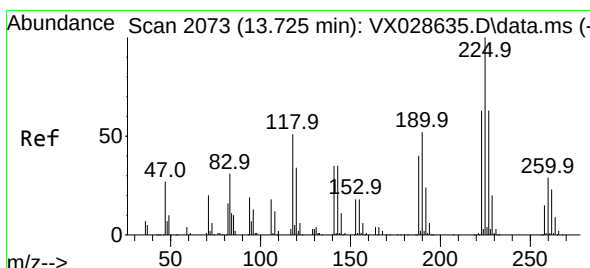
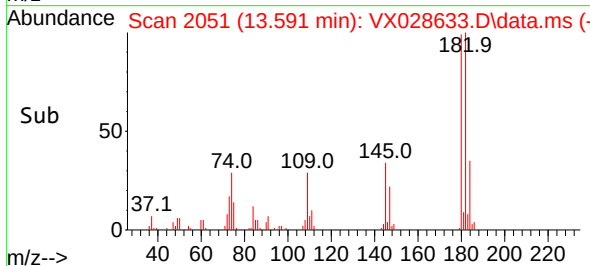
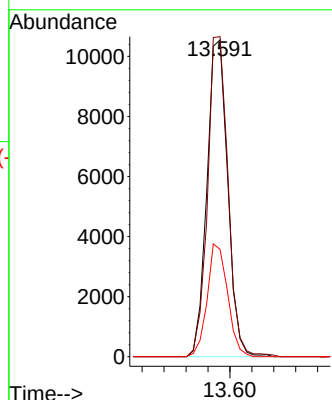
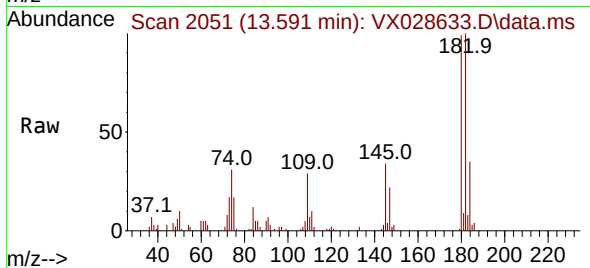
Tgt Ion:180	Resp:	1387
Ion Ratio	Lower	Upper
180	100	
182	99.3	47.7 143.1
145	34.9	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 4.614 ug/l

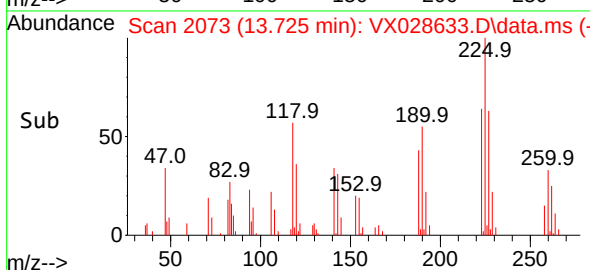
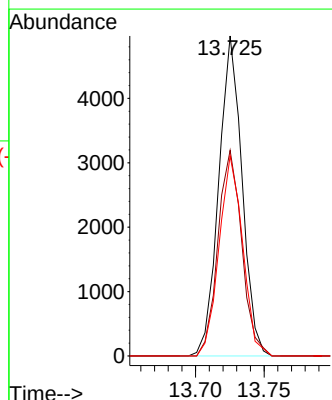
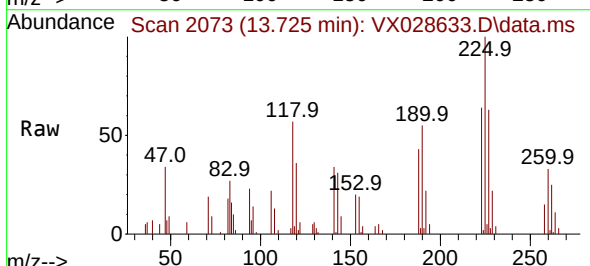
RT: 13.725 min Scan# 2073

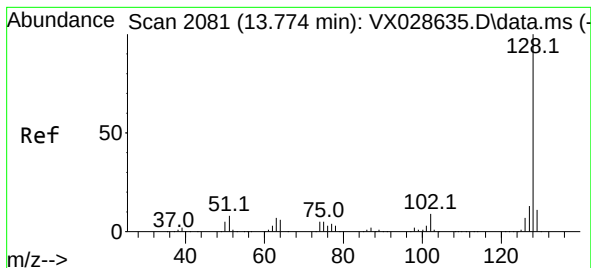
Delta R.T. 0.000 min

Lab File: VX028633.D

Acq: 12 May 2022 12:31

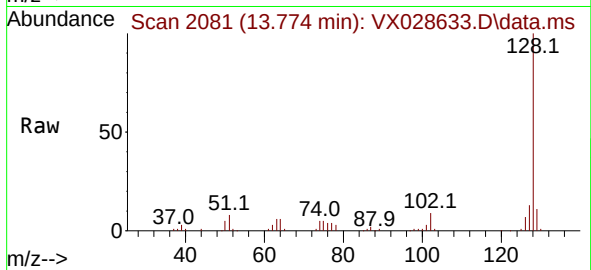
Tgt Ion:225	Resp:	5865
Ion Ratio	Lower	Upper
225	100	
223	65.7	34.2 102.5
227	63.2	33.9 101.7





#95
Naphthalene
Concen: 5.110 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31

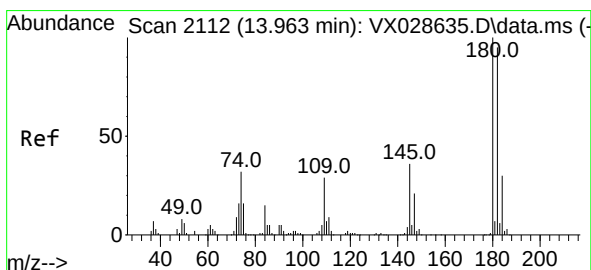
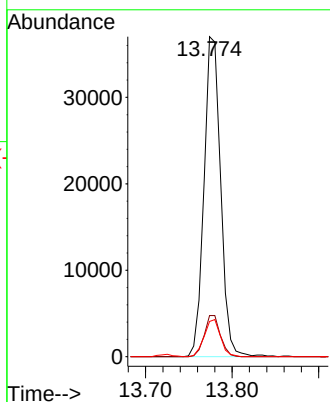
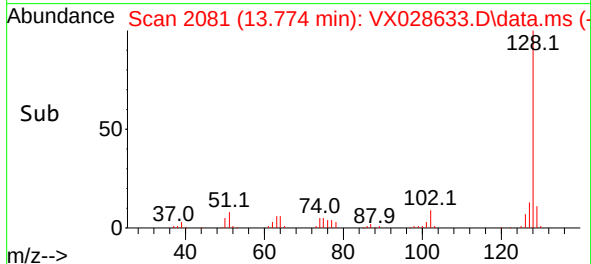
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



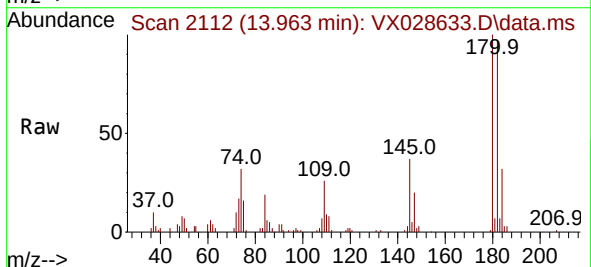
Tgt Ion:128 Resp: 49440
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.142 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028633.D
Acq: 12 May 2022 12:31



Tgt Ion:180 Resp: 14488
Ion Ratio Lower Upper
180 100
182 95.4 50.0 149.8
145 34.8 16.2 48.5

