

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025835.D
 Acq On : 16 Dec 2021 00:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 07:33:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84895	44.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.680%		
35) Dibromofluoromethane	5.391	113	72202	47.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.653	98	269715	48.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.460%		
62) 4-Bromofluorobenzene	11.085	95	101911	47.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70963	60.306	ug/l	93
3) Chloromethane	1.294	50	72782	47.501	ug/l	96
4) Vinyl Chloride	1.374	62	77404	47.493	ug/l	100
5) Bromomethane	1.599	94	47254	40.605	ug/l	97
6) Chloroethane	1.679	64	51291	43.450	ug/l	99
7) Trichlorofluoromethane	1.886	101	124468	46.234	ug/l	99
8) Diethyl Ether	2.136	74	45655	42.991	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	66733	47.635	ug/l	99
10) Methyl Iodide	2.453	142	93508	52.385	ug/l	99
11) Tert butyl alcohol	2.971	59	77463	203.984	ug/l	100
12) 1,1-Dichloroethene	2.319	96	65633	47.120	ug/l	99
13) Acrolein	2.239	56	56411	217.324	ug/l	98
14) Allyl chloride	2.666	41	108464	42.666	ug/l	99
15) Acrylonitrile	3.069	53	199208	224.708	ug/l	99
16) Acetone	2.386	43	175200	210.581	ug/l	99
17) Carbon Disulfide	2.514	76	158390	39.698	ug/l	99
18) Methyl Acetate	2.709	43	131092	45.434	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	223123	45.352	ug/l	99
20) Methylene Chloride	2.788	84	73833	45.373	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	70829	45.564	ug/l	95
22) Diisopropyl ether	3.770	45	227644	46.165	ug/l	90
23) Vinyl Acetate	3.727	43	892864	233.985	ug/l	100
24) 1,1-Dichloroethane	3.611	63	125532	44.585	ug/l	98
25) 2-Butanone	4.562	43	282545	221.905	ug/l	100
26) 2,2-Dichloropropane	4.477	77	79068	37.024	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	83951	45.546	ug/l	97
28) Bromochloromethane	4.904	49	53597	42.241	ug/l	100
29) Tetrahydrofuran	5.013	42	186772	230.714	ug/l	100
30) Chloroform	5.099	83	136025	44.049	ug/l	99
31) Cyclohexane	5.471	56	114990	49.948	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	119559	44.485	ug/l	99
36) 1,1-Dichloropropene	5.696	75	98550	47.343	ug/l	99
37) Ethyl Acetate	4.721	43	108537	46.930	ug/l	98
38) Carbon Tetrachloride	5.684	117	104399	43.104	ug/l	99
39) Methylcyclohexane	7.385	83	118070	50.692	ug/l	99
40) Benzene	6.044	78	292733	47.143	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58045	45.351	ug/l	99
42) 1,2-Dichloroethane	6.092	62	106295	45.040	ug/l	99
43) Isopropyl Acetate	6.348	43	170518	45.764	ug/l	100
44) Trichloroethene	7.129	130	81994	47.430	ug/l	100
45) 1,2-Dichloropropane	7.434	63	73900	47.218	ug/l	95
46) Dibromomethane	7.580	93	55217	45.318	ug/l	97
47) Bromodichloromethane	7.824	83	103042	42.908	ug/l	99
48) Methyl methacrylate	7.696	41	83674	47.687	ug/l	99
49) 1,4-Dioxane	7.665	88	38257	998.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	579327	237.512	ug/l	100
52) Toluene	8.720	92	192912	48.758	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	99293	43.378	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	112117	44.765	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	78427	46.223	ug/l	96
56) Ethyl methacrylate	9.122	69	117818	48.351	ug/l	99
57) 1,3-Dichloropropane	9.311	76	129102	46.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	270867	228.983	ug/l	100
59) 2-Hexanone	9.433	43	445476	241.046	ug/l	100
60) Dibromochloromethane	9.525	129	81550	42.347	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84308	45.827	ug/l	100
64) Tetrachloroethene	9.275	164	74455	44.456	ug/l	98
65) Chlorobenzene	10.079	112	210256	48.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76043	44.495	ug/l	99
67) Ethyl Benzene	10.195	91	370139	50.012	ug/l	99
68) m/p-Xylenes	10.305	106	292528	101.578	ug/l	99
69) o-Xylene	10.646	106	142224	50.202	ug/l	100
70) Styrene	10.659	104	241366	51.199	ug/l	99
71) Bromoform	10.805	173	57992	41.191	ug/l #	100
73) Isopropylbenzene	10.963	105	369149	48.475	ug/l	100
74) N-amyl acetate	10.848	43	152349	49.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	124567	46.933	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	105262m	43.784	ug/l	
77) Bromobenzene	11.201	156	93212	47.718	ug/l	97
78) n-propylbenzene	11.305	91	426286	49.489	ug/l	100
79) 2-Chlorotoluene	11.366	91	254228	46.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	312395	49.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	28220	36.392	ug/l	91
82) 4-Chlorotoluene	11.457	91	289938	47.269	ug/l	99
83) tert-Butylbenzene	11.719	119	311551	50.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	317573	50.333	ug/l	99
85) sec-Butylbenzene	11.896	105	384484	51.670	ug/l	99
86) p-Isopropyltoluene	12.012	119	323784	51.812	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	174053	47.822	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175346	47.188	ug/l	99
89) n-Butylbenzene	12.335	91	266817	51.185	ug/l	99
90) Hexachloroethane	12.542	117	49338	40.172	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	170280	48.991	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24763	41.518	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	99962	47.881	ug/l	99
94) Hexachlorobutadiene	13.725	225	41284	55.839	ug/l	98
95) Naphthalene	13.780	128	343084	47.970	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100688	48.649	ug/l	99

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ClientSampleId :
VSTDCCC050

Manual Integrations
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QLast Update : Tue Dec 14 07:02:11 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

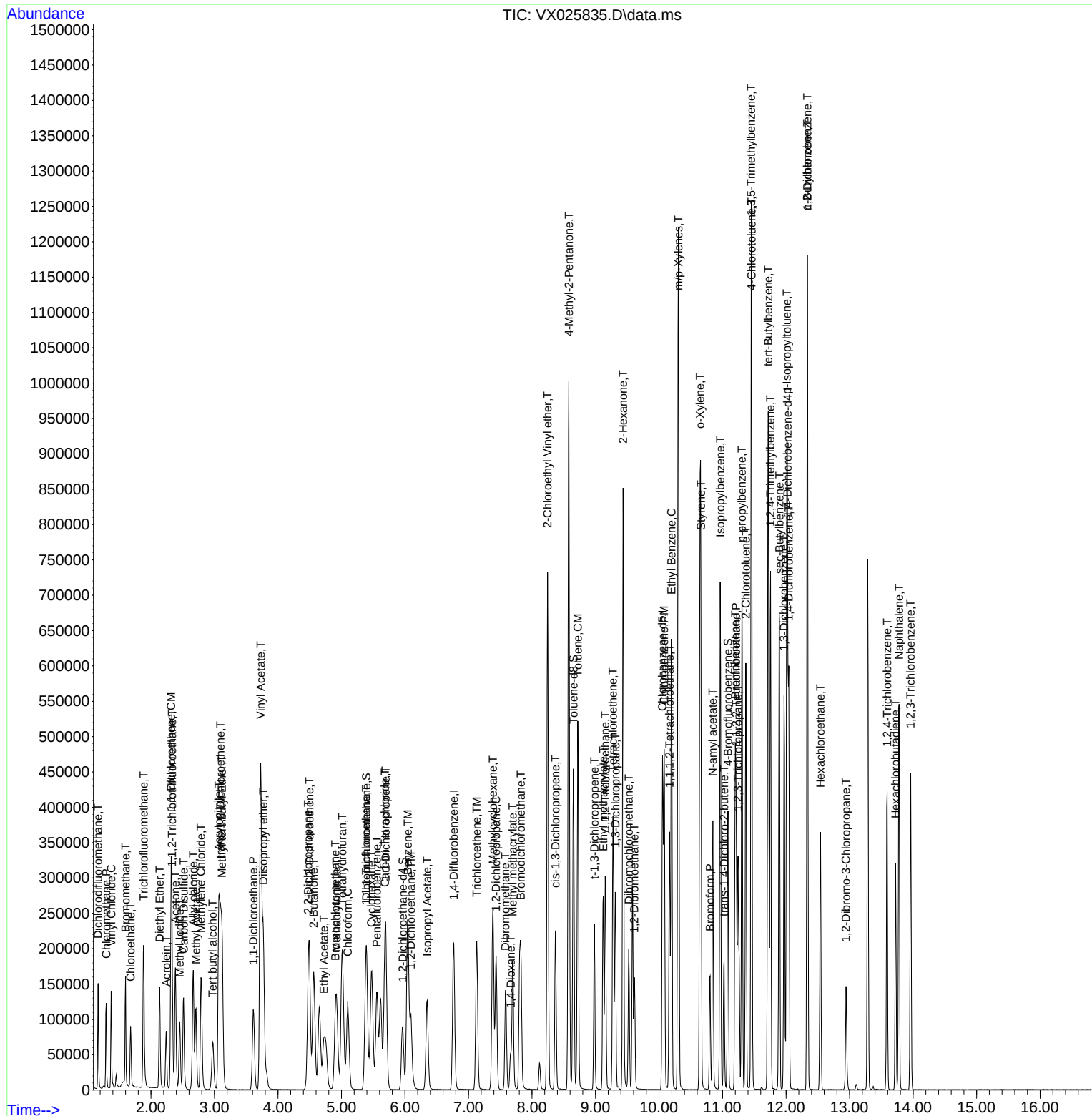
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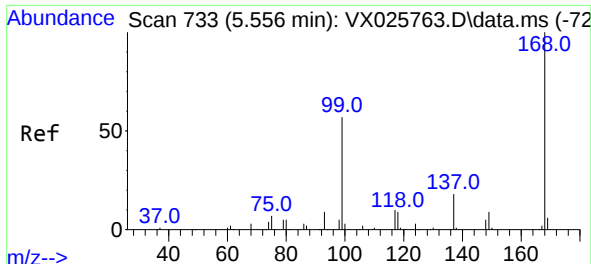
Instrument :
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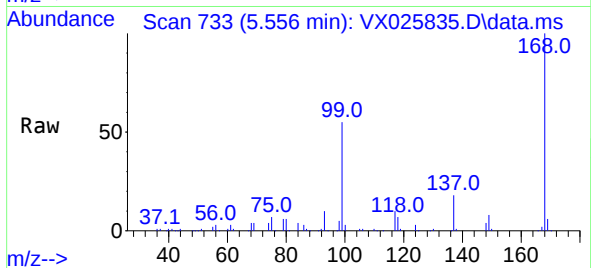
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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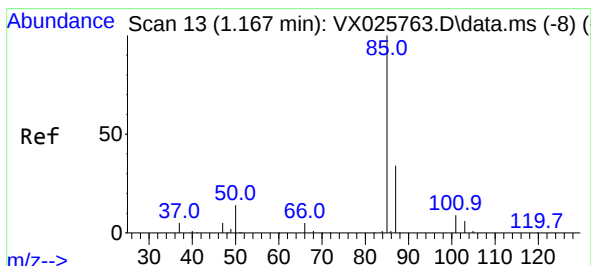
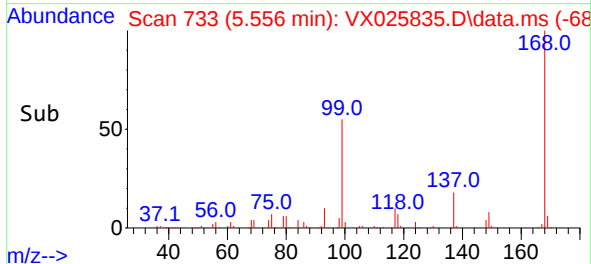
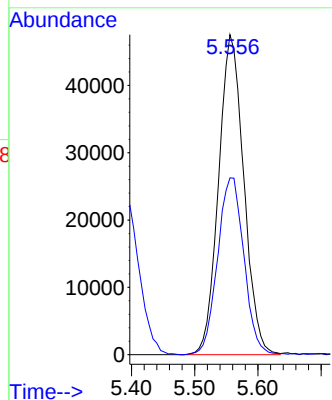
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 131574
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.8

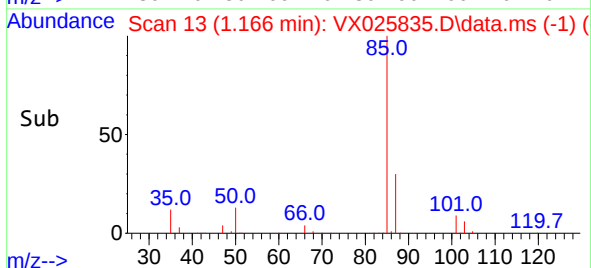
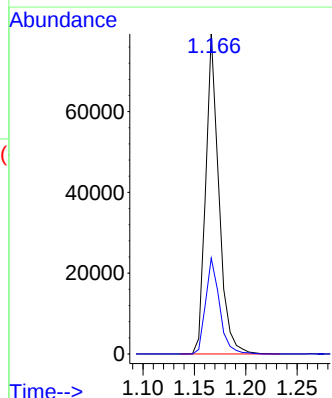
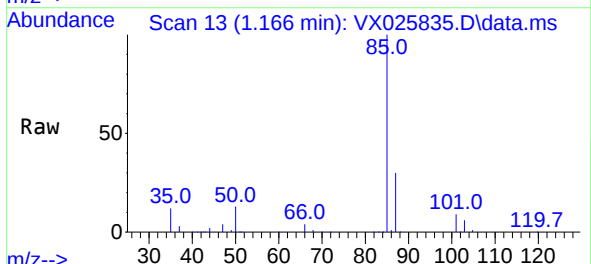
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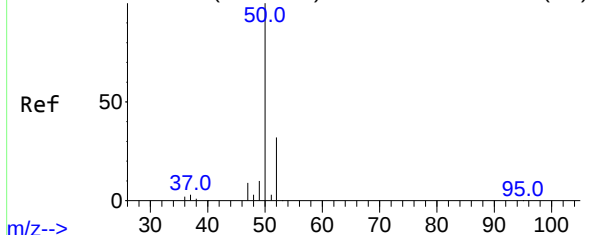


#2
Dichlorodifluoromethane
Concen: 60.306 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion: 85 Resp: 70963
Ion Ratio Lower Upper
85 100
87 29.9 17.0 50.9



Abundance Scan 34 (1.295 min): VX025763.D\data.ms (-29)



#3

Chloromethane

Concen: 47.501 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 7278

Ion Ratio Lower Upper

50 100

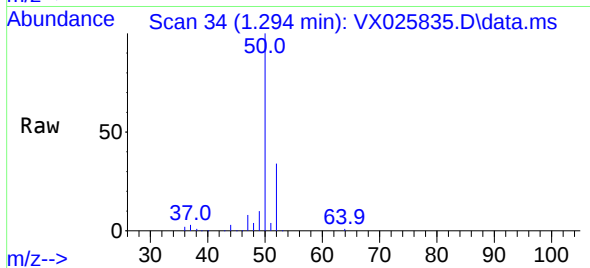
52 34.2 25.4 38.0

Manual Integrations

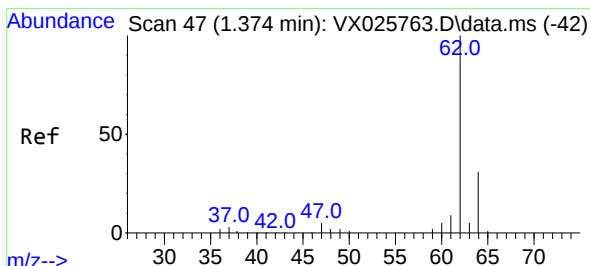
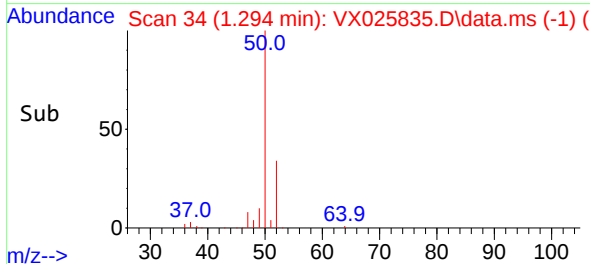
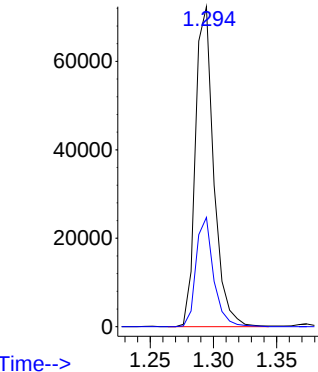
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Abundance



#4

Vinyl Chloride

Concen: 47.493 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX025835.D

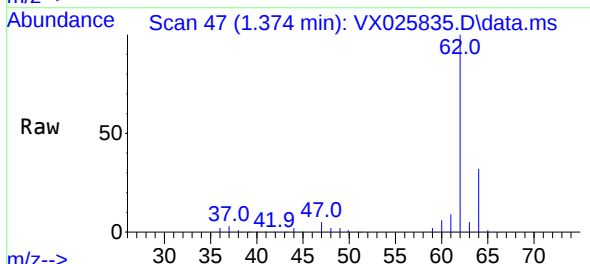
Acq: 16 Dec 2021 00:05

Tgt Ion: 62 Resp: 77404

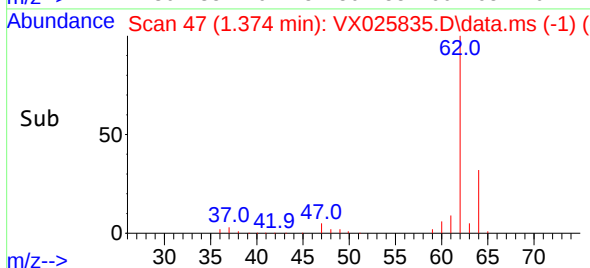
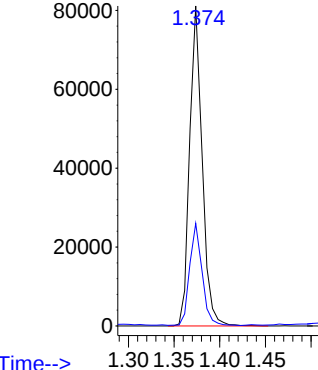
Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2



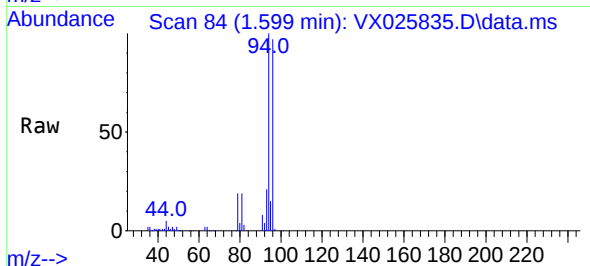
Abundance





#5
Bromomethane
Concen: 40.605 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

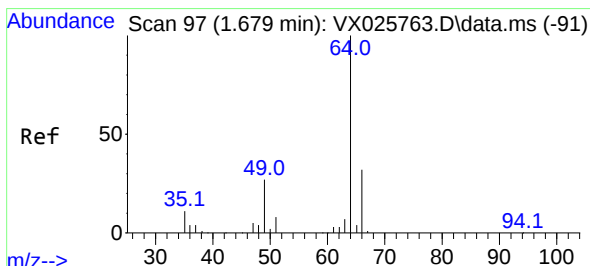
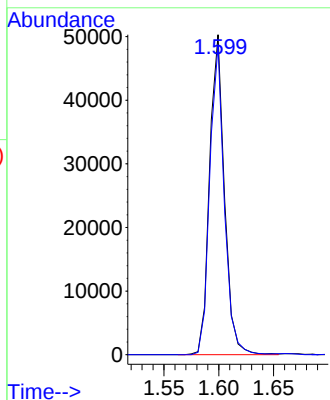
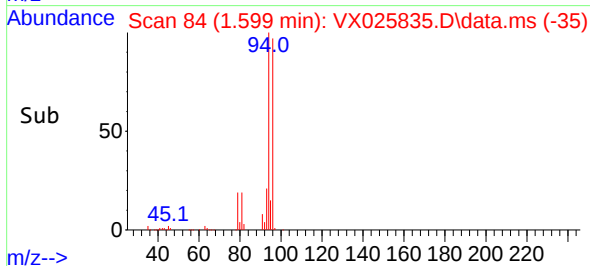
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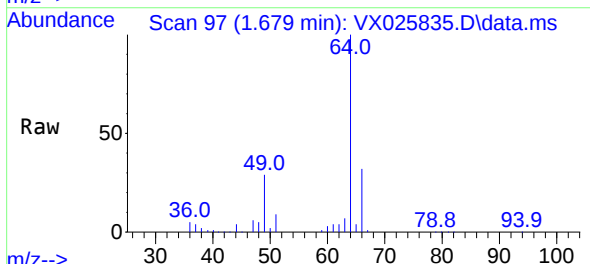
Tgt Ion: 94 Resp: 47254
Ion Ratio Lower Upper
94 100
96 96.6 75.0 112.4

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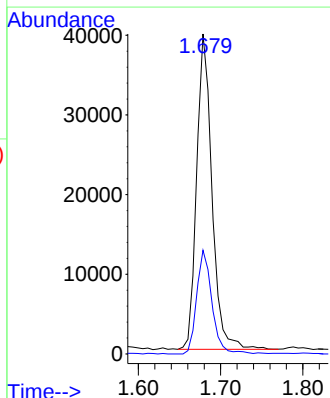
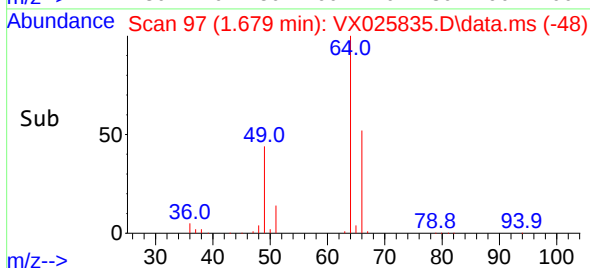
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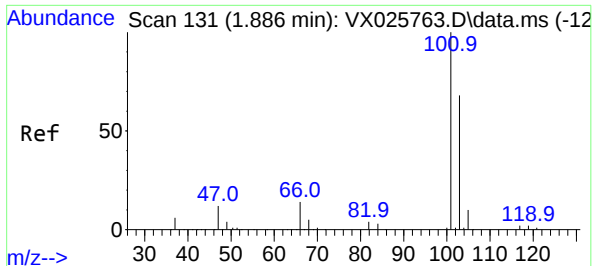


#6
Chloroethane
Concen: 43.450 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



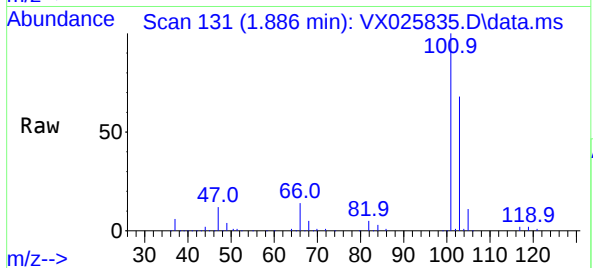
Tgt Ion: 64 Resp: 51291
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 46.234 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

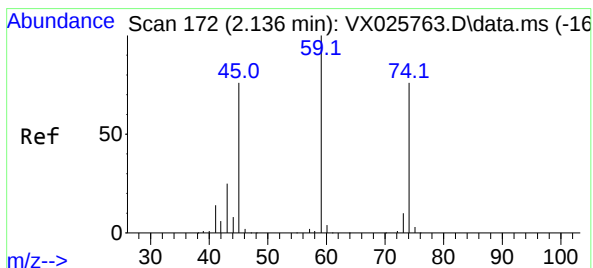
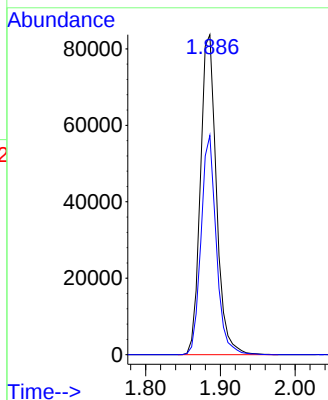
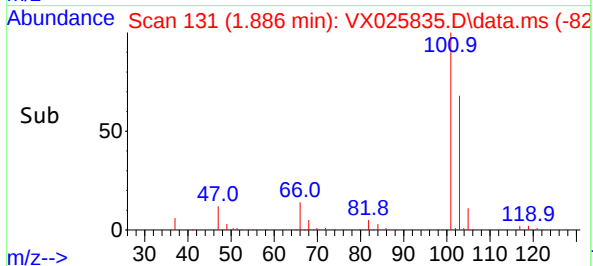
Instrument :
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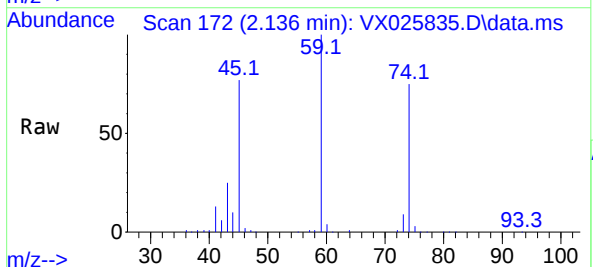
Tgt Ion:101 Resp: 12446
Ion Ratio Lower Upper
101 100
103 68.5 54.1 81.1

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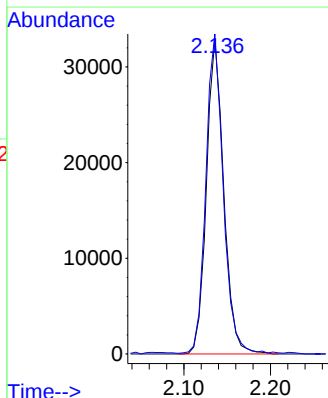
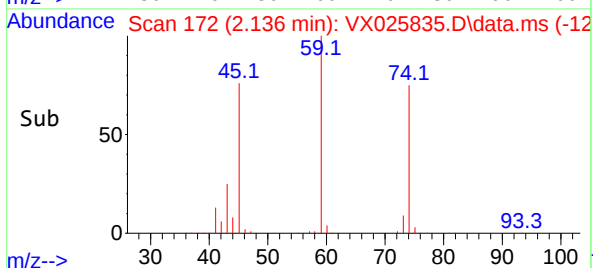
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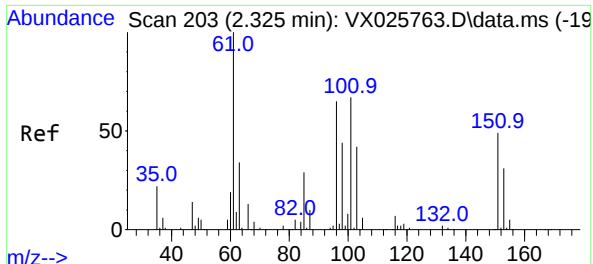


#8
Diethyl Ether
Concen: 42.991 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025835.D
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Tgt Ion: 74 Resp: 45655
Ion Ratio Lower Upper
74 100
45 101.7 50.4 151.2





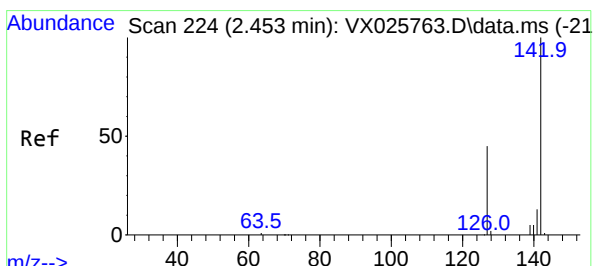
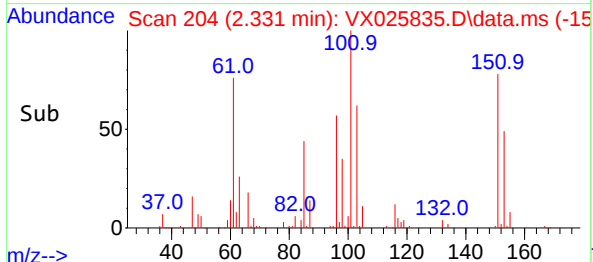
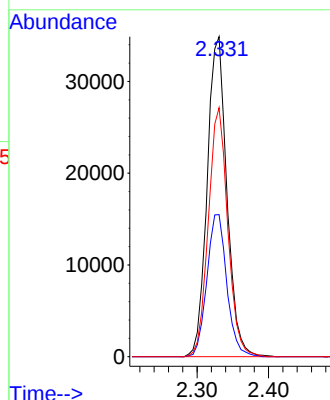
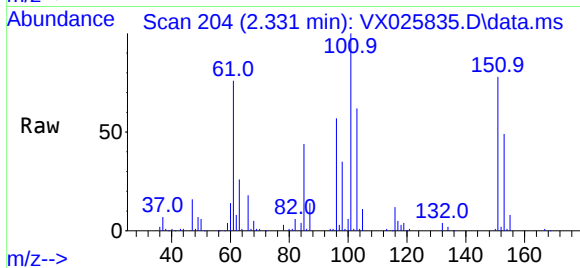
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.635 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6673
Ion Ratio Lower Upper
101 100
85 44.9 36.5 54.7
151 76.7 60.6 90.8

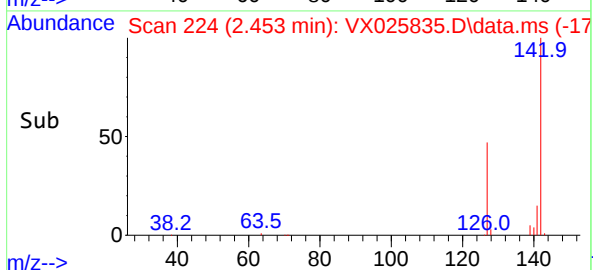
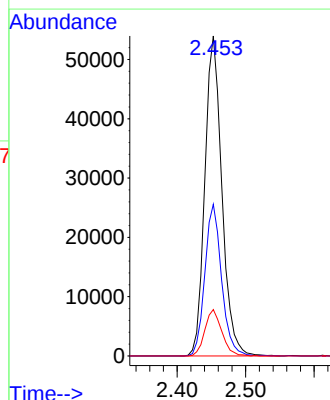
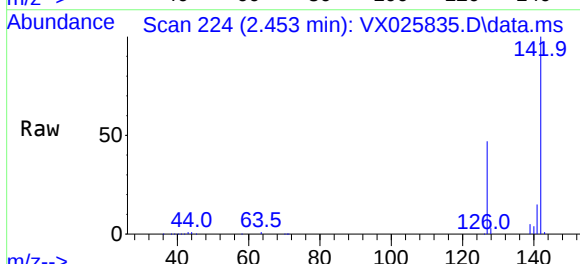
Manual Integrations
APPROVED

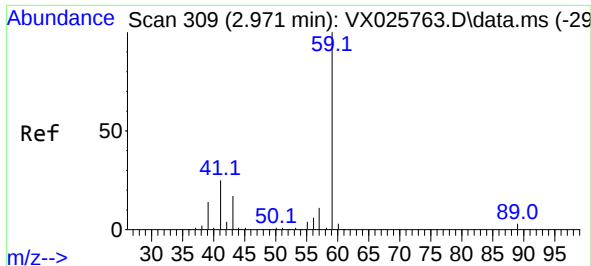
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 52.385 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

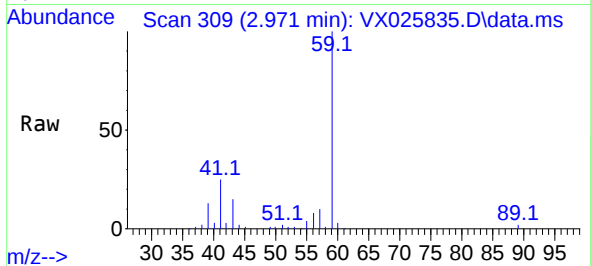
Tgt Ion:142 Resp: 93508
Ion Ratio Lower Upper
142 100
127 46.5 37.5 56.3
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 203.984 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

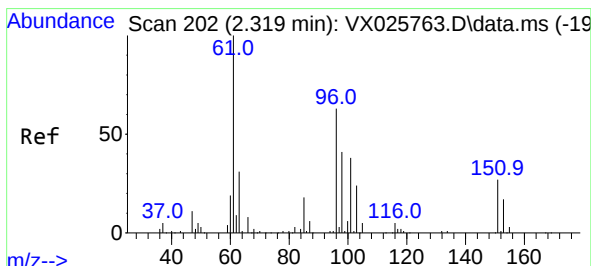
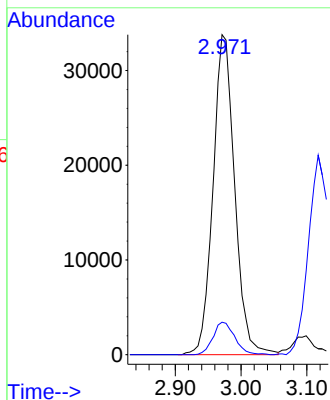
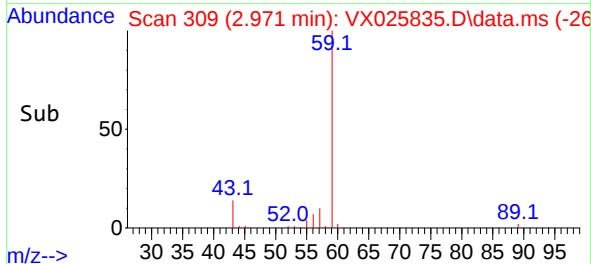
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



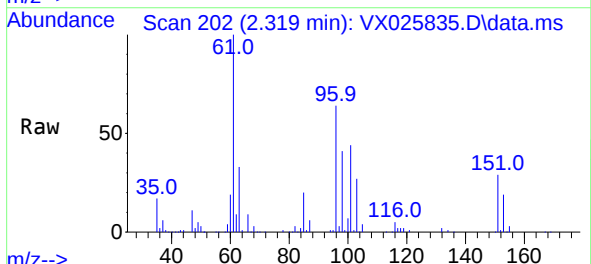
Tgt Ion: 59 Resp: 7746
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

Manual Integrations
APPROVED

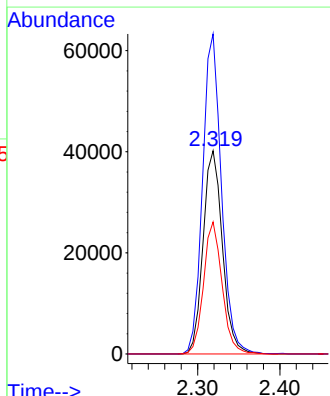
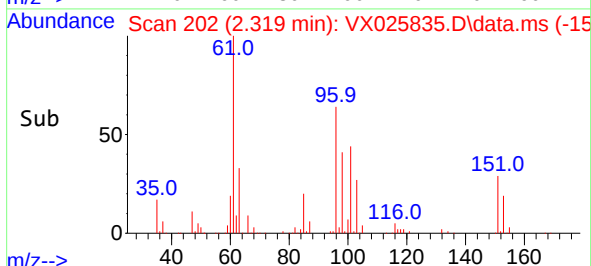
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

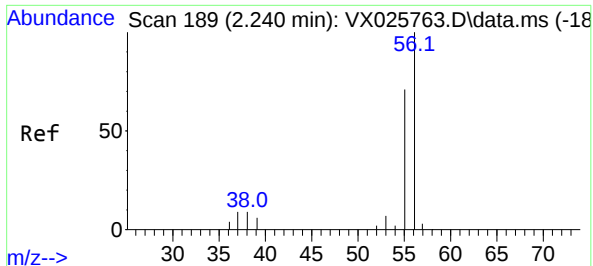


#12
1,1-Dichloroethene
Concen: 47.120 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion: 96 Resp: 65633
Ion Ratio Lower Upper
96 100
61 157.4 127.5 191.3
98 65.0 52.0 78.0





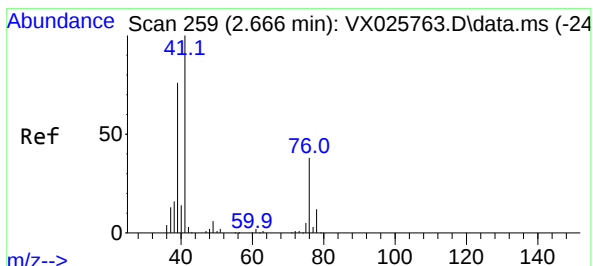
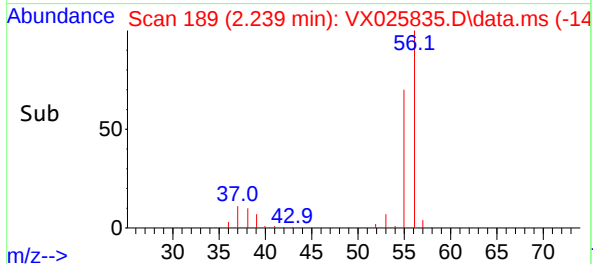
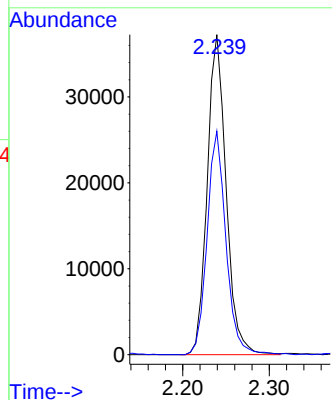
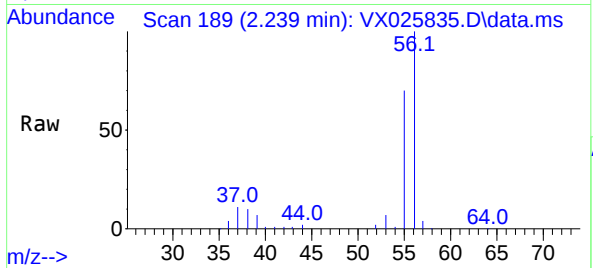
#13
Acrolein
Concen: 217.324 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 5641
Ion Ratio Lower Upper
56 100
55 69.9 57.4 86.2

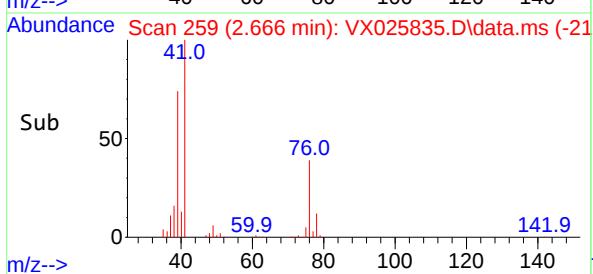
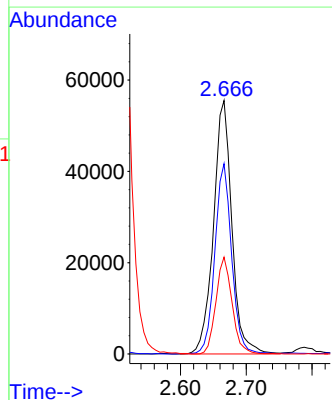
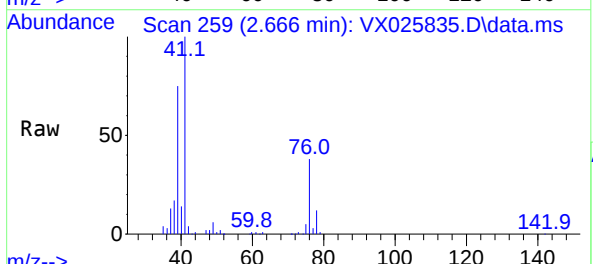
Manual Integrations
APPROVED

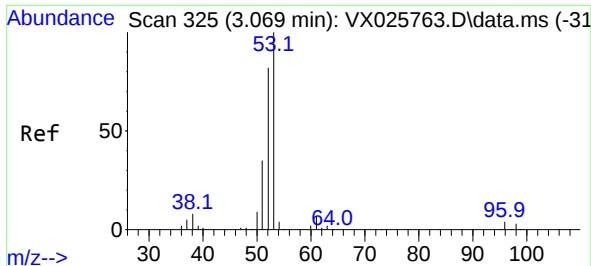
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#14
Allyl chloride
Concen: 42.666 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

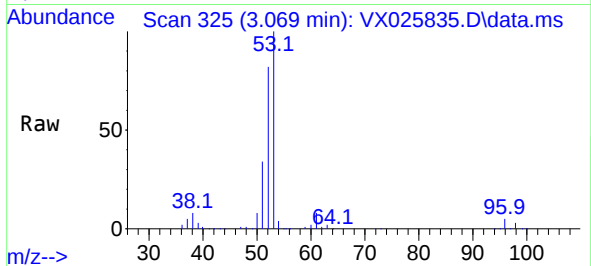
Tgt Ion: 41 Resp: 108464
Ion Ratio Lower Upper
41 100
39 68.5 55.4 83.0
76 33.4 27.6 41.4





#15
Acrylonitrile
Concen: 224.708 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

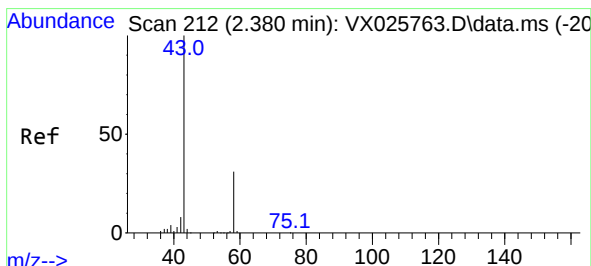
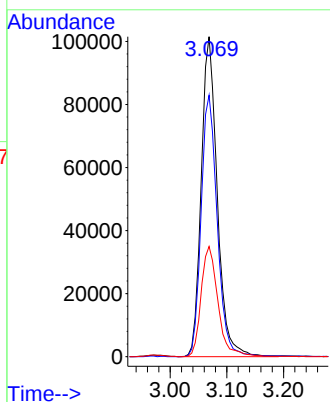
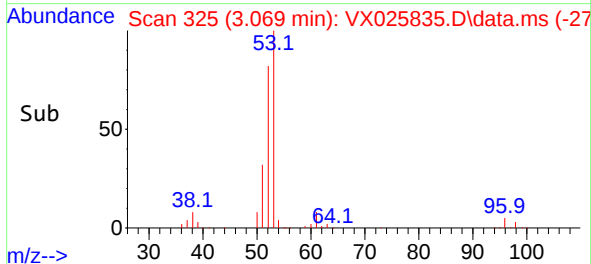
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



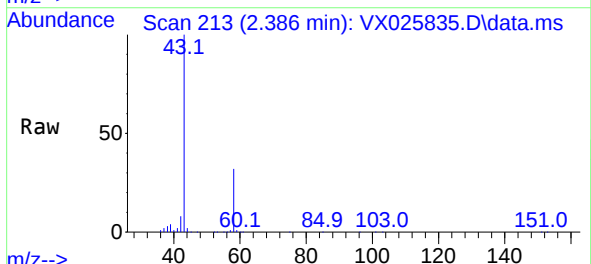
Tgt Ion: 53 Resp: 199208
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 36.4 29.4 44.0

Manual Integrations
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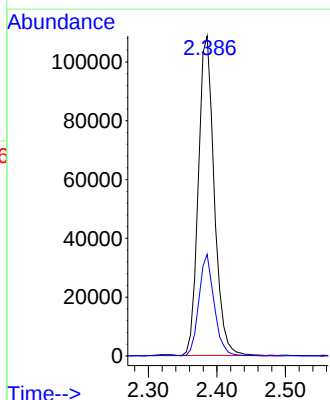
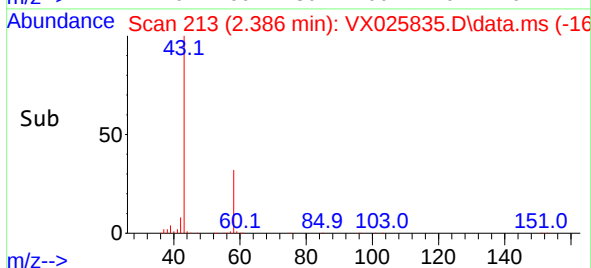
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

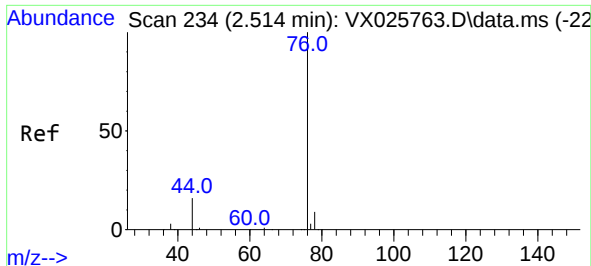


#16
Acetone
Concen: 210.581 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



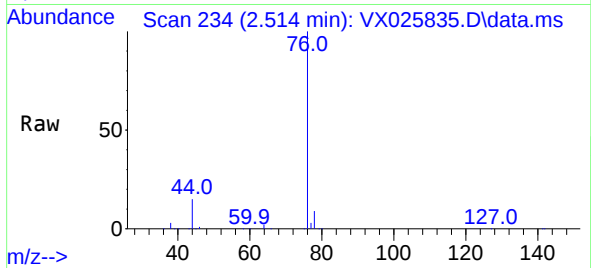
Tgt Ion: 43 Resp: 175200
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2





#17
Carbon Disulfide
Concen: 39.698 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

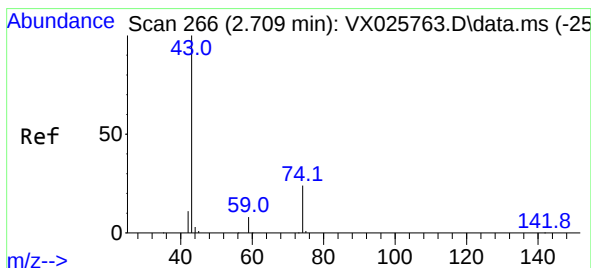
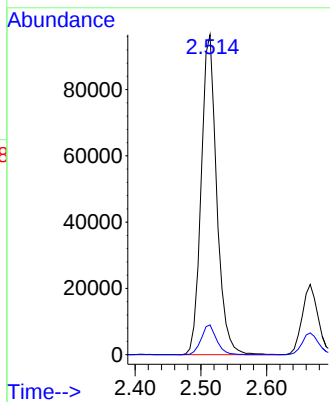
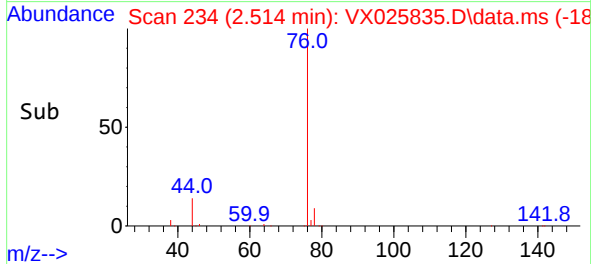
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



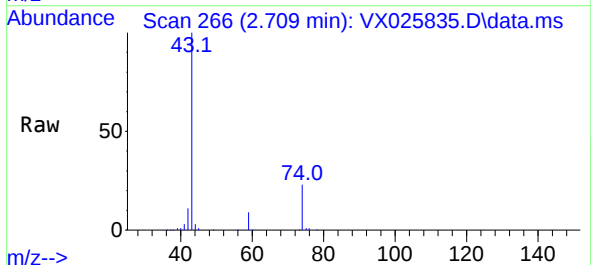
Tgt Ion: 76 Resp: 158390
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
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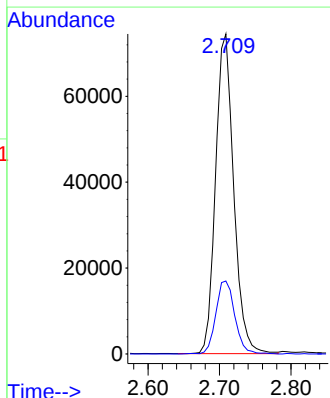
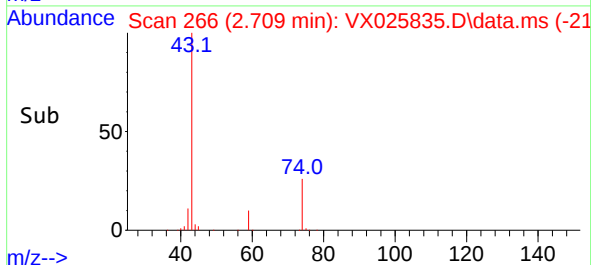
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#18
Methyl Acetate
Concen: 45.434 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



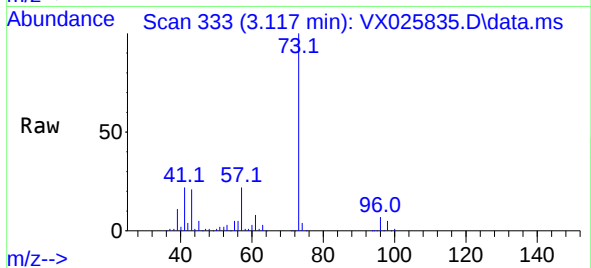
Tgt Ion: 43 Resp: 131092
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 45.352 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

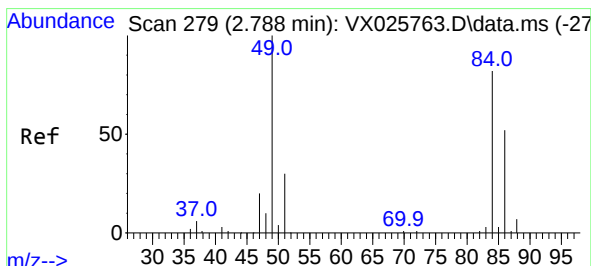
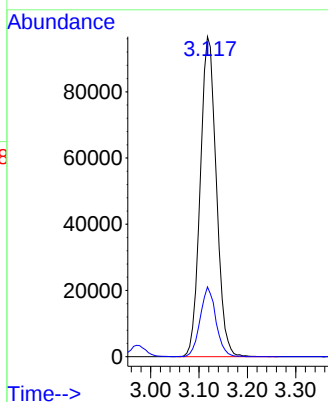
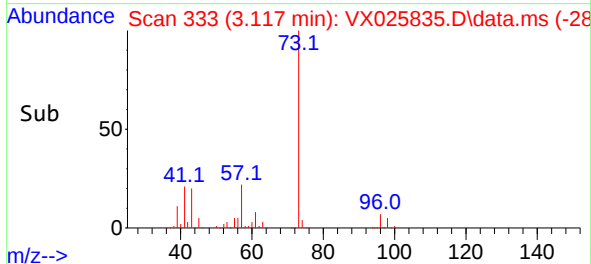
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



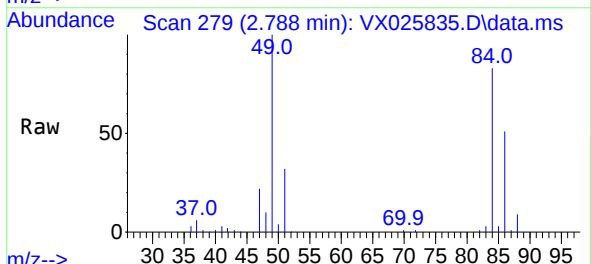
Tgt Ion: 73 Resp: 22312
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

Manual Integrations
APPROVED

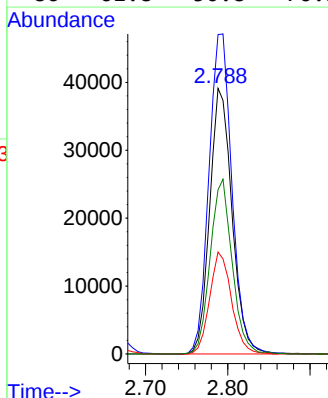
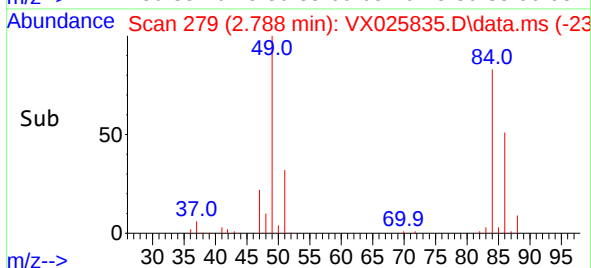
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

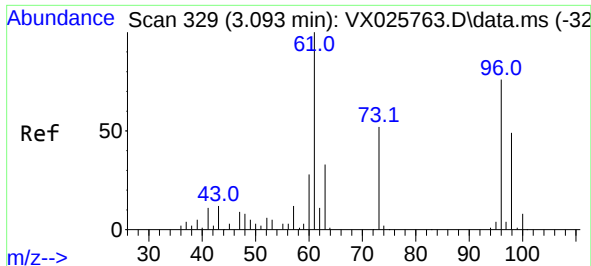


#20
Methylene Chloride
Concen: 45.373 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



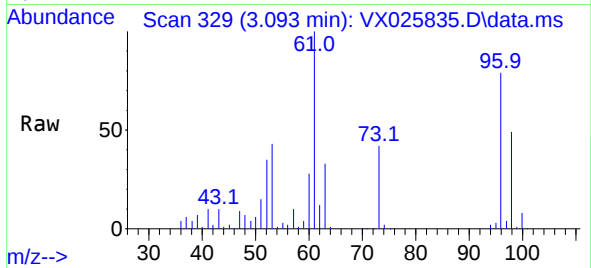
Tgt Ion: 84 Resp: 73833
Ion Ratio Lower Upper
84 100
49 120.2 97.1 145.7
51 38.4 29.3 43.9
86 61.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 45.564 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

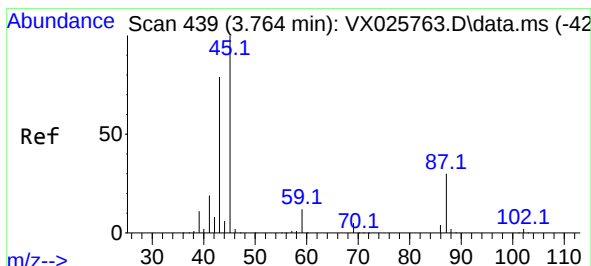
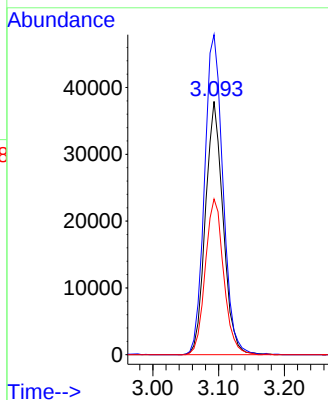
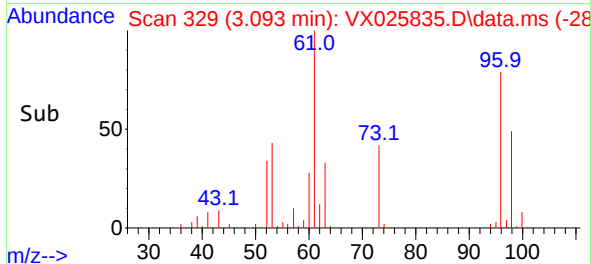
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



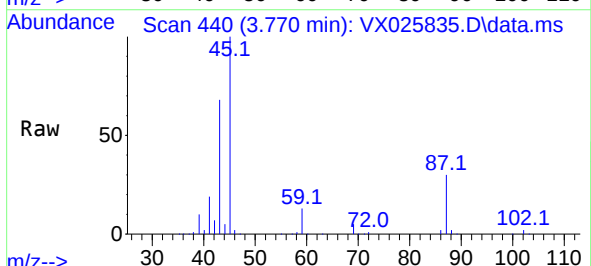
Tgt Ion: 96 Resp: 70829
Ion Ratio Lower Upper
96 100
61 126.3 105.7 158.5
98 61.4 52.1 78.1

Manual Integrations
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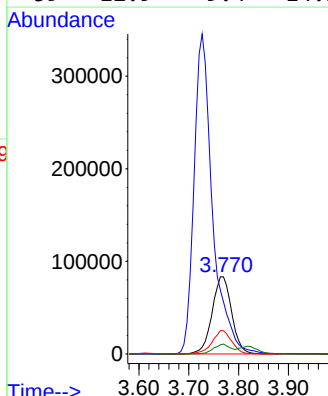
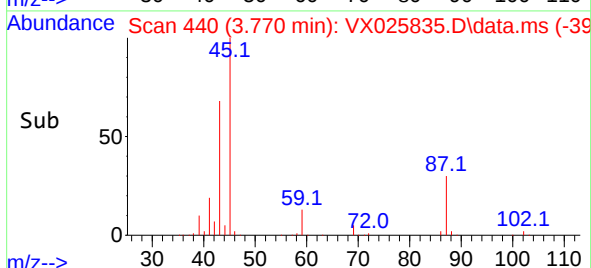
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

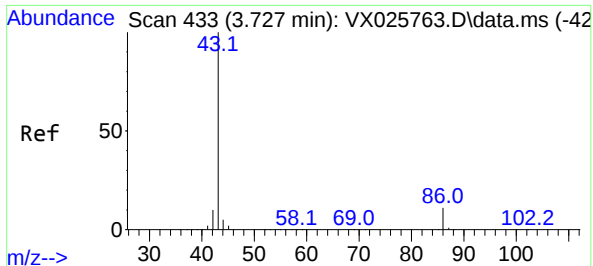


#22
Diisopropyl ether
Concen: 46.165 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion: 45 Resp: 227644
Ion Ratio Lower Upper
45 100
43 67.1 63.8 95.6
87 30.2 24.2 36.4
59 12.9 9.4 14.2





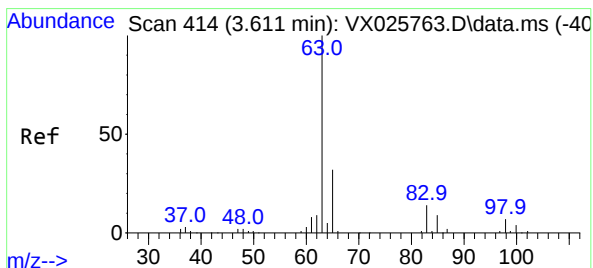
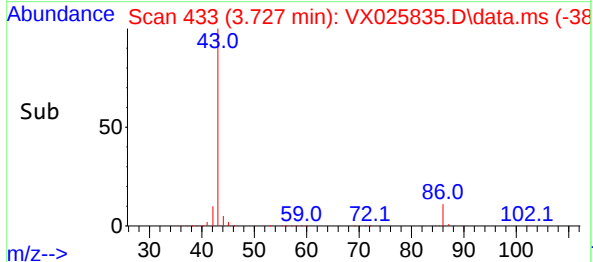
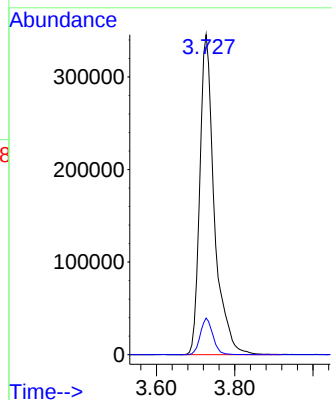
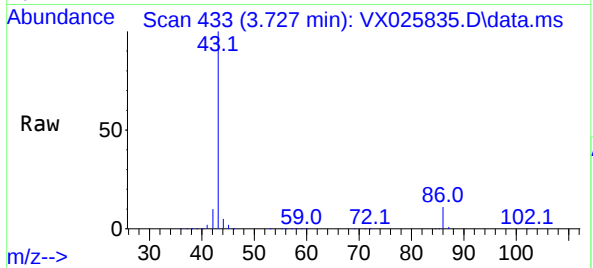
#23
 Vinyl Acetate
 Concen: 233.985 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025835.D
 Acq: 16 Dec 2021 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 892864
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.6

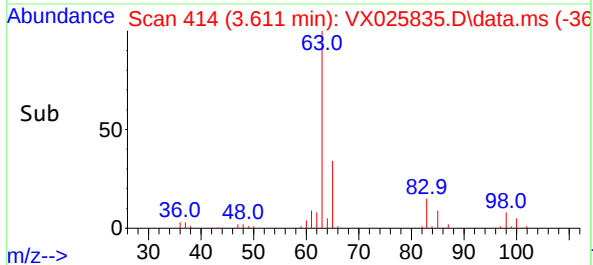
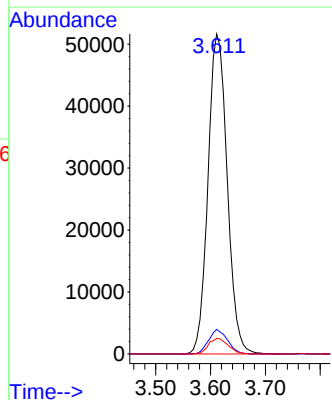
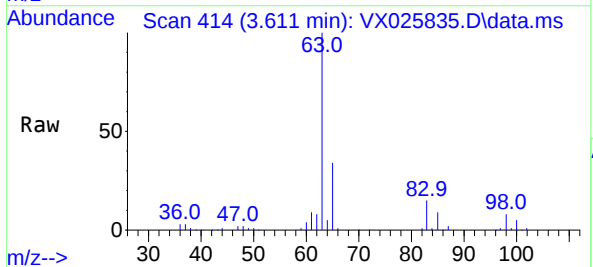
Manual Integrations
 APPROVED

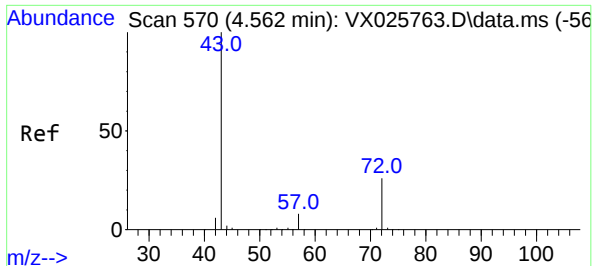
Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#24
 1,1-Dichloroethane
 Concen: 44.585 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025835.D
 Acq: 16 Dec 2021 00:05

Tgt Ion: 63 Resp: 125532
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.9 2.2 6.6





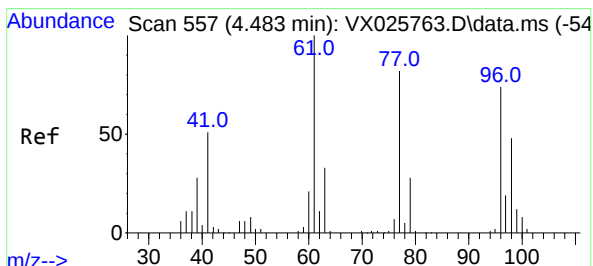
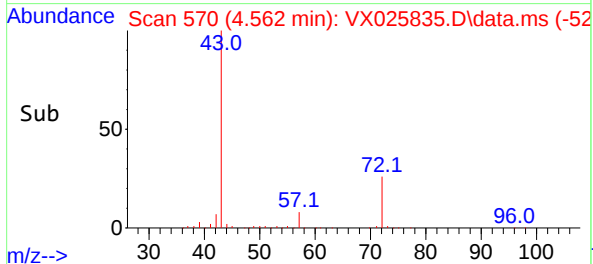
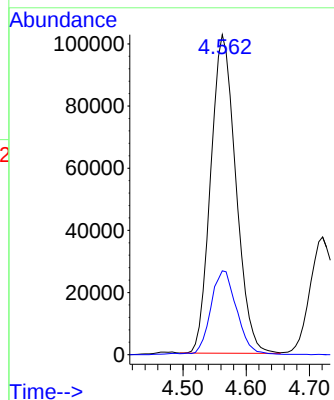
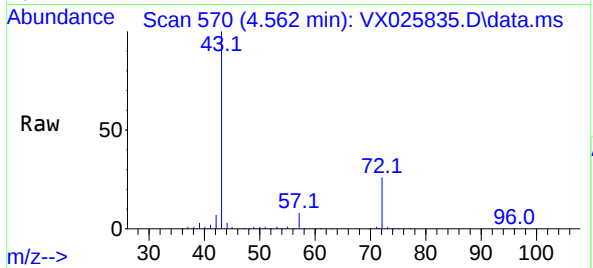
#25
2-Butanone
Concen: 221.905 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28254
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.4

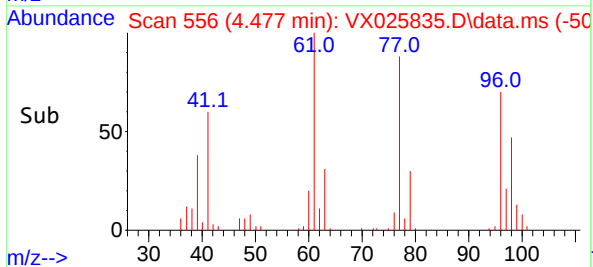
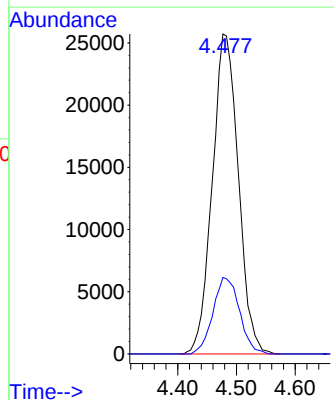
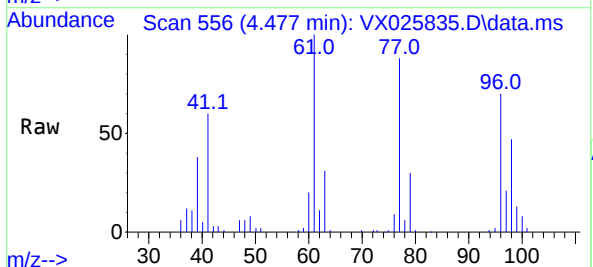
Manual Integrations
APPROVED

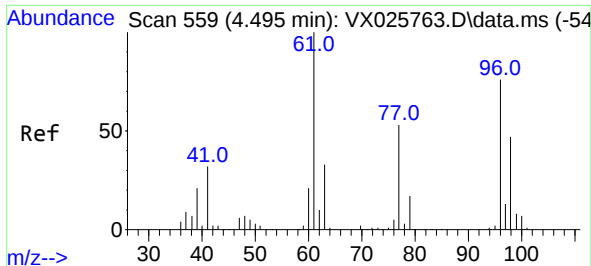
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#26
2,2-Dichloropropane
Concen: 37.024 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

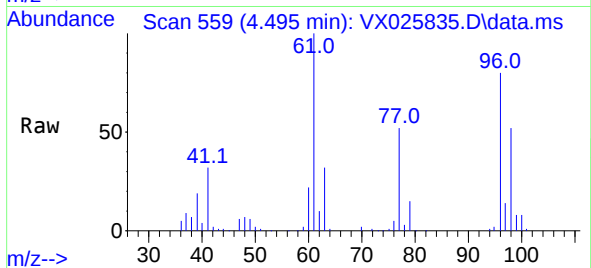
Tgt Ion: 77 Resp: 79068
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 45.546 ug/l
RT: 4.495 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

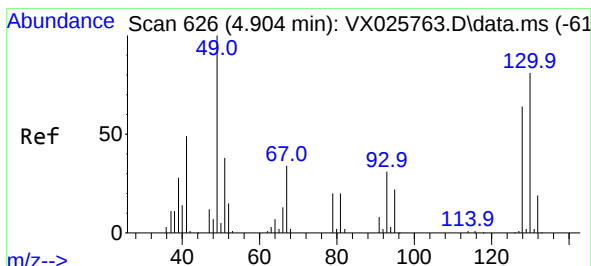
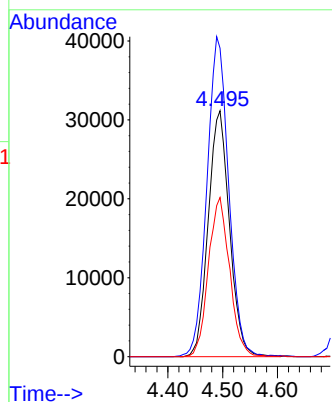
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8395
Ion Ratio Lower Upper
96 100
61 132.9 0.0 276.8
98 64.6 0.0 130.6

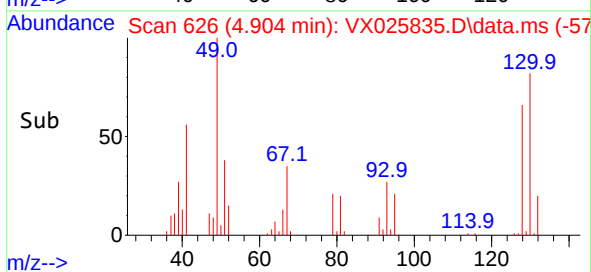
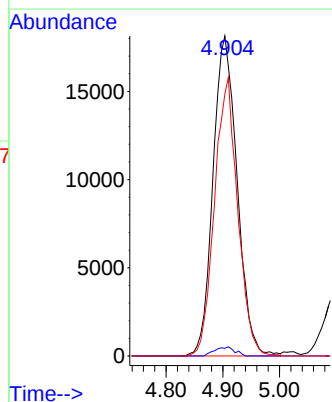
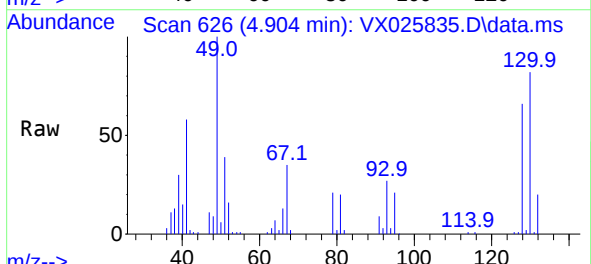
Manual Integrations
APPROVED

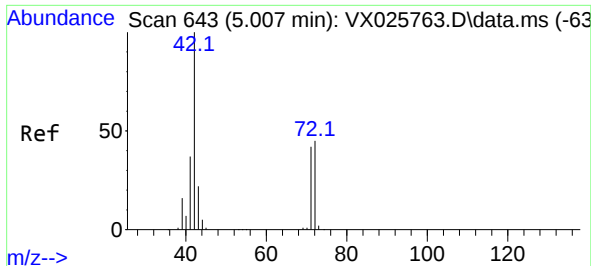
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#28
Bromochloromethane
Concen: 42.241 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

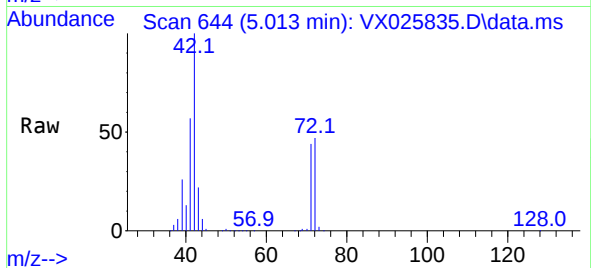
Tgt Ion: 49 Resp: 53597
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 83.5 67.1 100.7





#29
Tetrahydrofuran
Concen: 230.714 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

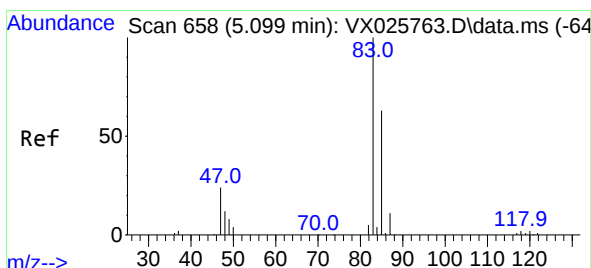
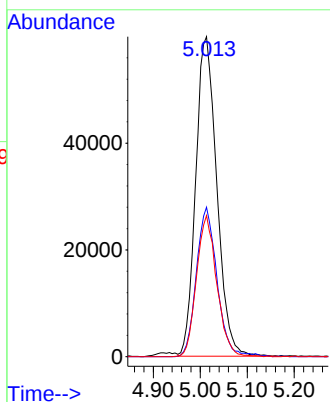
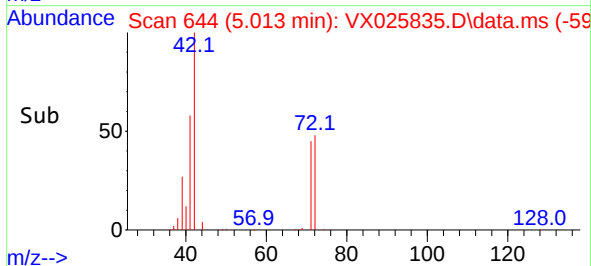
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



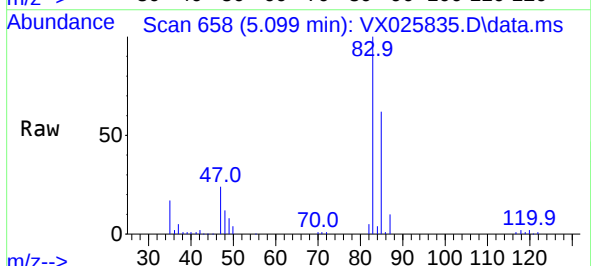
Tgt Ion: 42 Resp: 186772
Ion Ratio Lower Upper
42 100
72 45.8 37.0 55.6
71 42.5 34.1 51.1

Manual Integrations
APPROVED

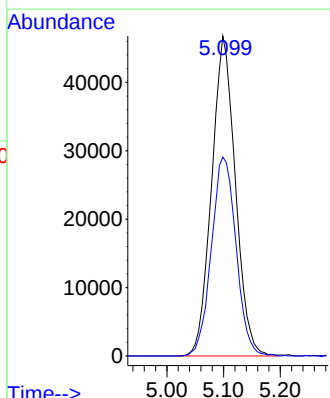
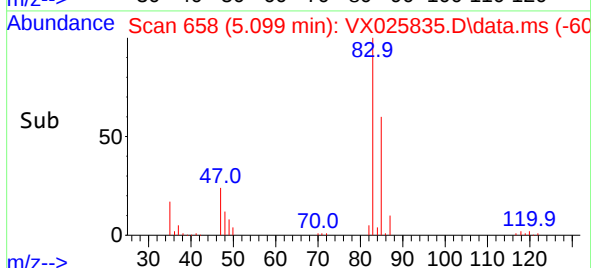
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

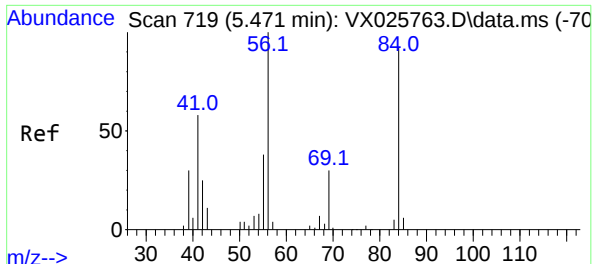


#30
Chloroform
Concen: 44.049 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



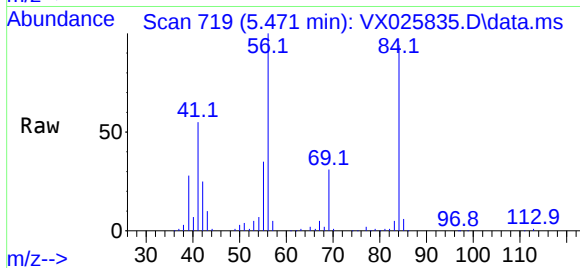
Tgt Ion: 83 Resp: 136025
Ion Ratio Lower Upper
83 100
85 62.1 50.6 75.8





#31
Cyclohexane
Concen: 49.948 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

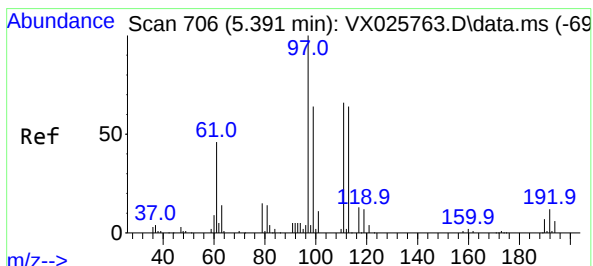
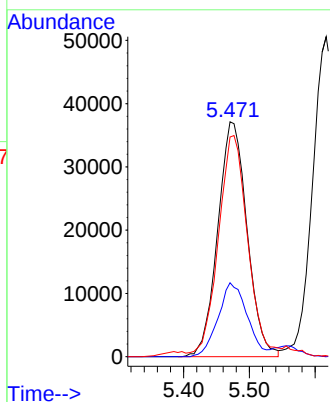
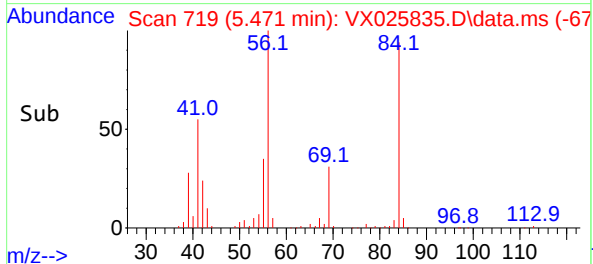
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



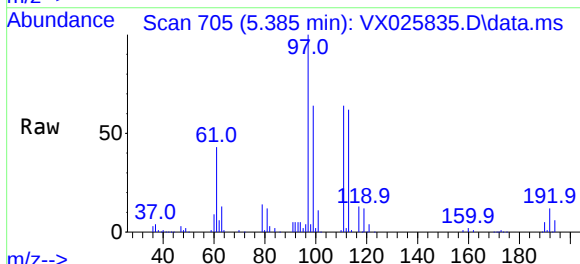
Tgt Ion: 56 Resp: 114990
Ion Ratio Lower Upper
56 100
69 31.5 23.9 35.9
84 91.7 73.2 109.8

Manual Integrations
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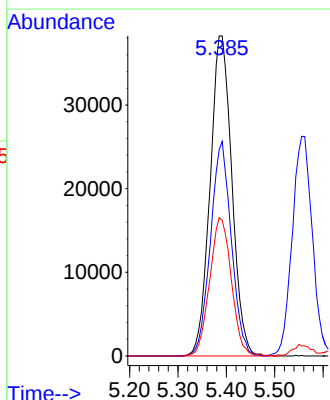
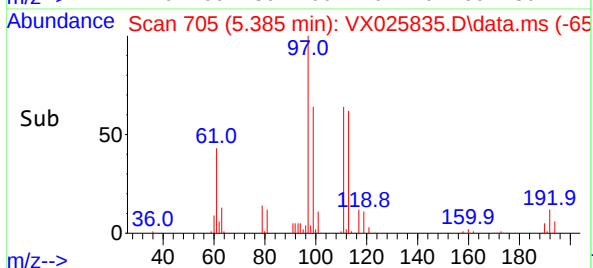
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

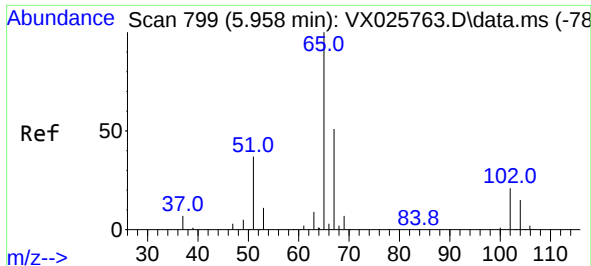


#32
1,1,1-Trichloroethane
Concen: 44.485 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion: 97 Resp: 119559
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 42.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 44.844 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8489

Ion Ratio Lower Upper

65 100

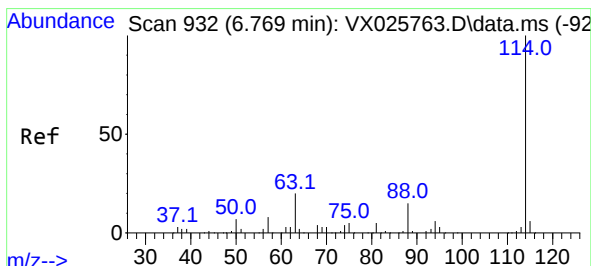
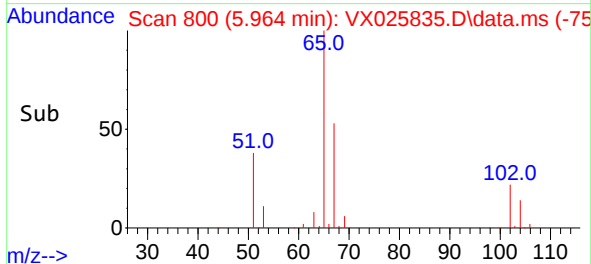
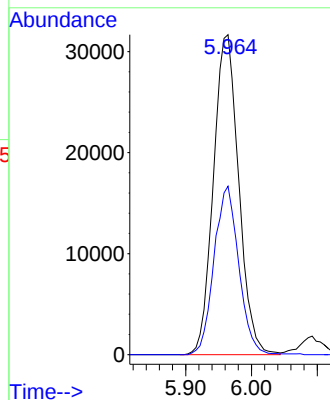
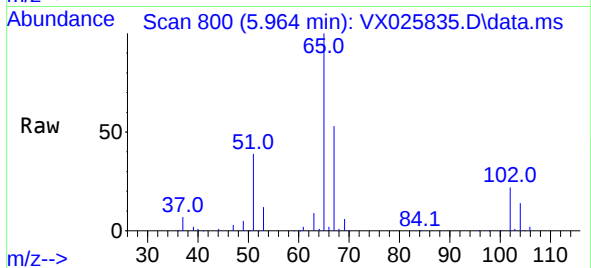
67 51.5 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

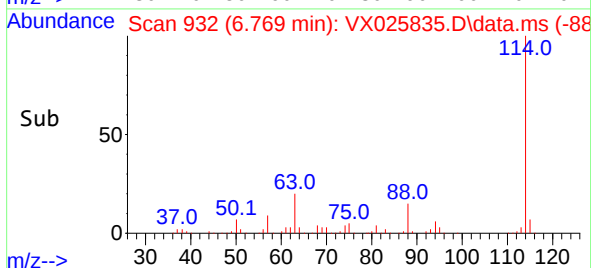
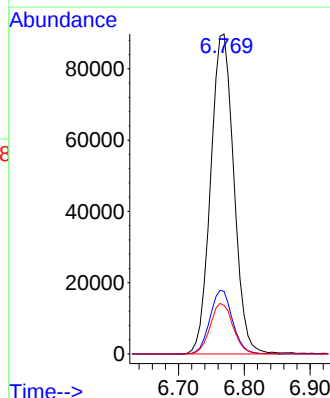
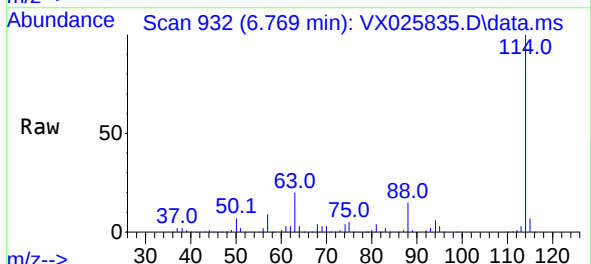
Tgt Ion:114 Resp: 220099

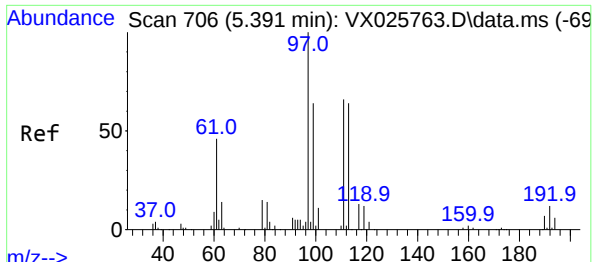
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

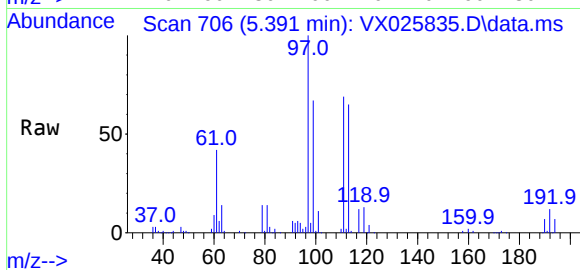
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.037 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

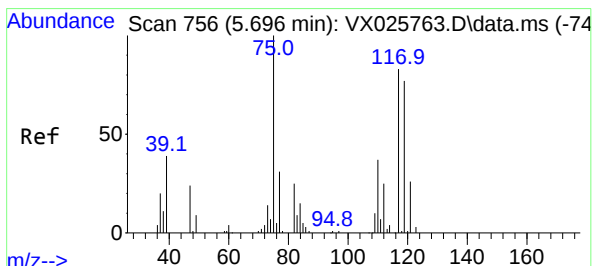
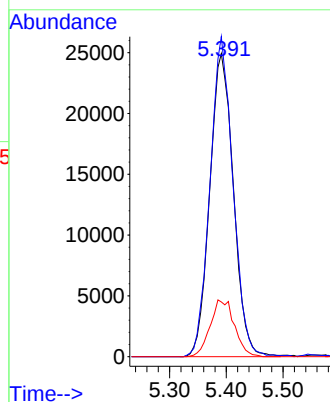
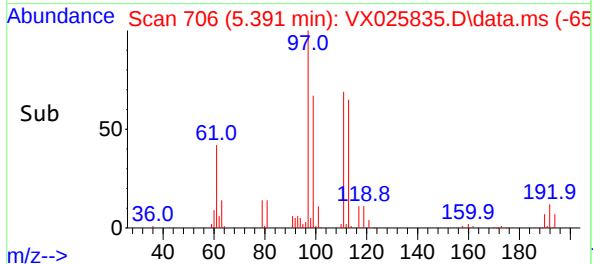
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



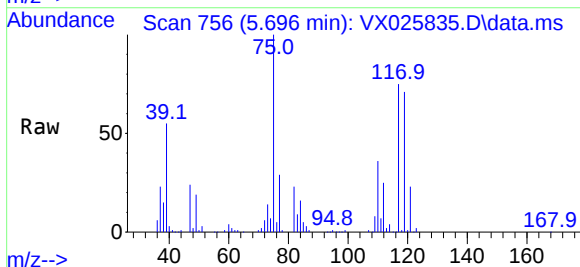
Tgt Ion:113 Resp: 7220
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.2 15.0 22.4

Manual Integrations
APPROVED

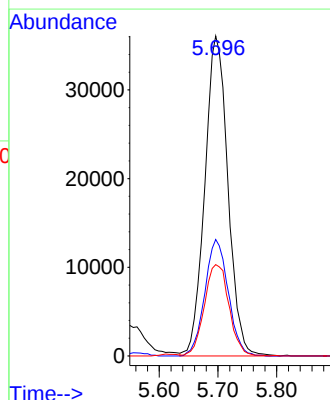
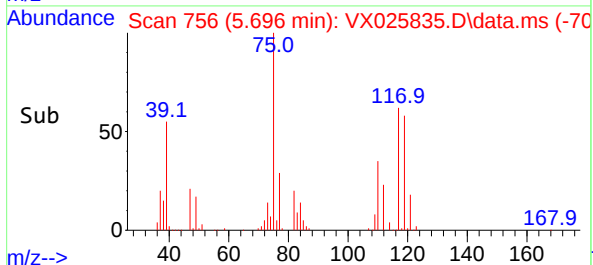
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

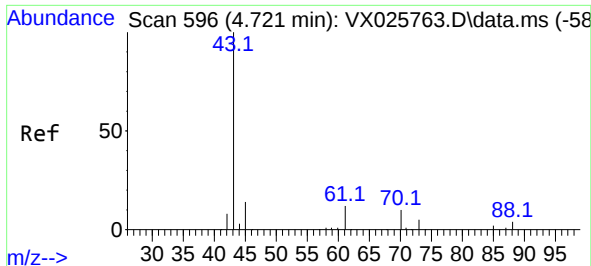


#36
1,1-Dichloropropene
Concen: 47.343 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



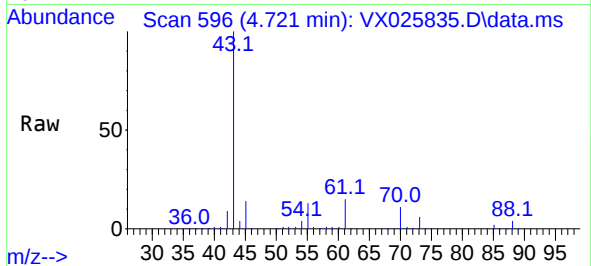
Tgt Ion: 75 Resp: 98550
Ion Ratio Lower Upper
75 100
110 36.9 18.2 54.6
77 30.5 24.7 37.1





#37
Ethyl Acetate
Concen: 46.930 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

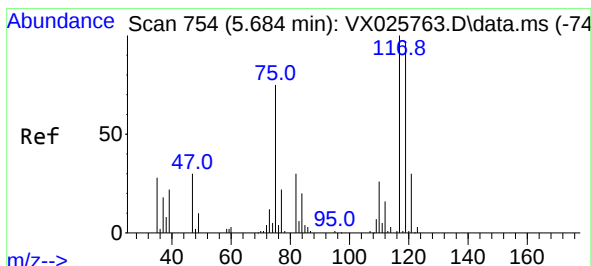
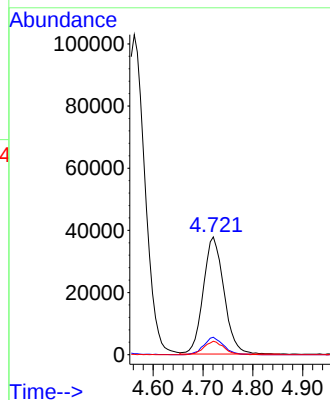
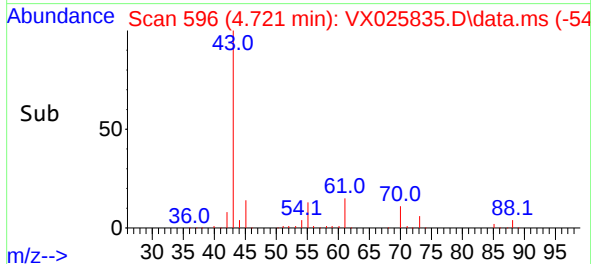
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10853
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 11.0 8.5 12.7

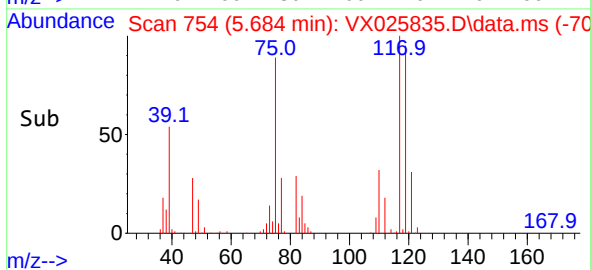
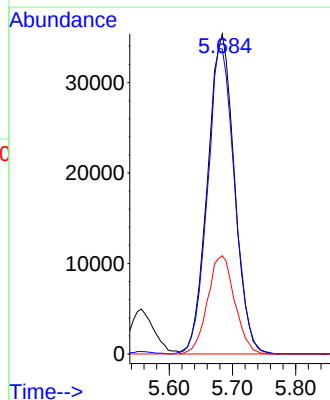
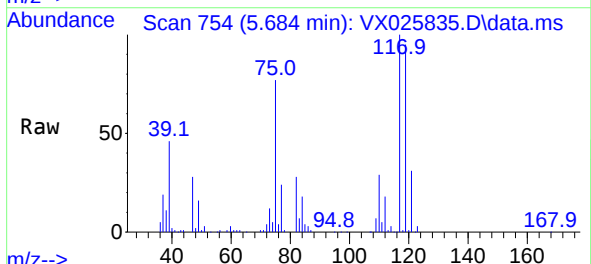
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#38
Carbon Tetrachloride
Concen: 43.104 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion:117 Resp: 104399
Ion Ratio Lower Upper
117 100
119 95.3 77.2 115.8
121 30.7 23.8 35.8





#39

Methylcyclohexane

Concen: 50.692 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 118070

Ion Ratio Lower Upper

83 100

55 72.6 57.8 86.8

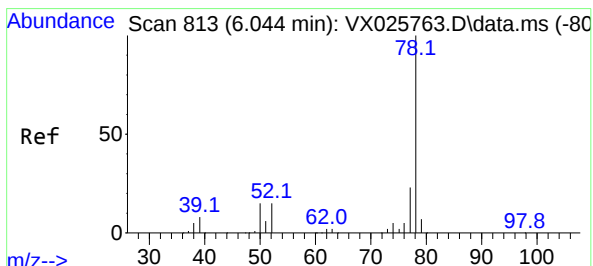
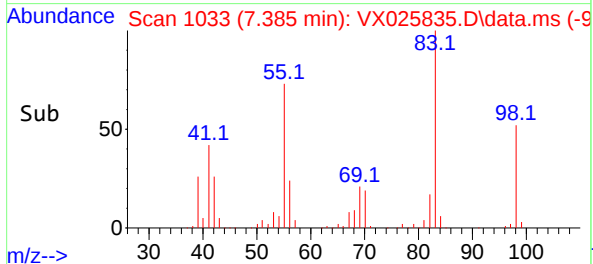
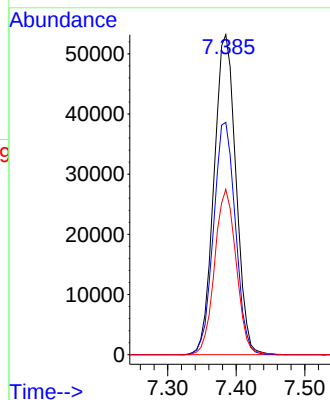
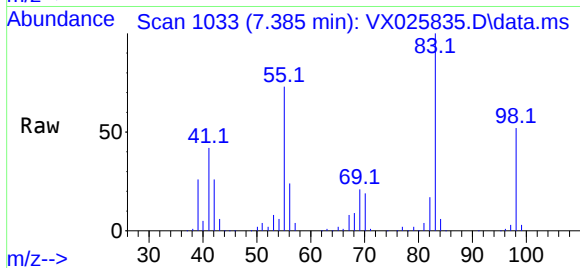
98 51.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#40

Benzene

Concen: 47.143 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025835.D

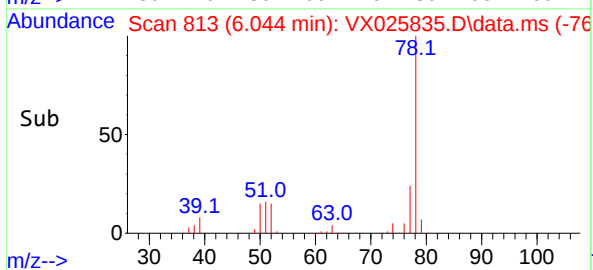
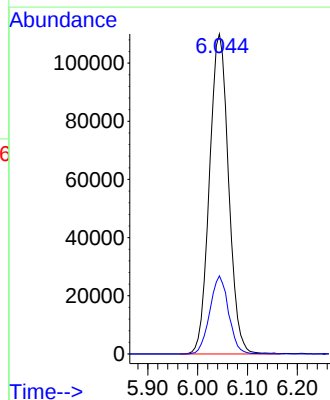
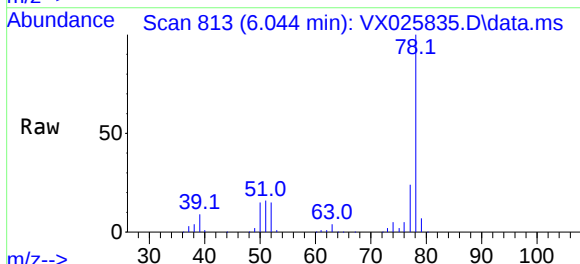
Acq: 16 Dec 2021 00:05

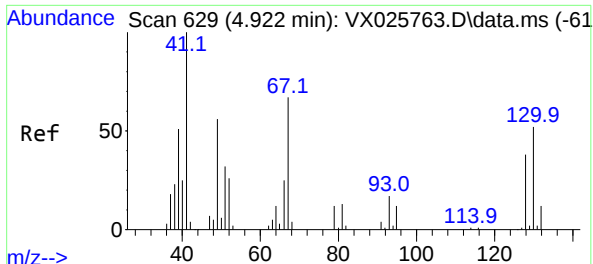
Tgt Ion: 78 Resp: 292733

Ion Ratio Lower Upper

78 100

77 24.4 18.6 27.8





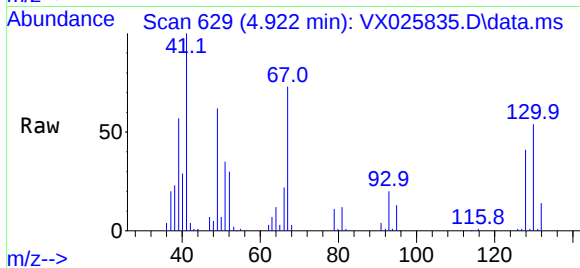
#41
Methacrylonitrile
Concen: 45.351 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



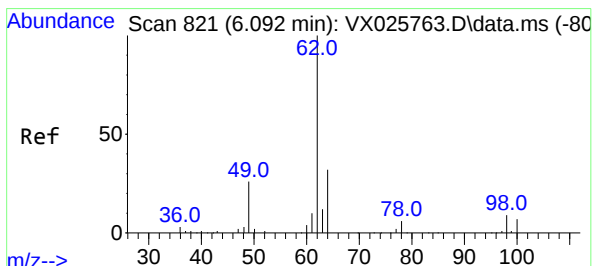
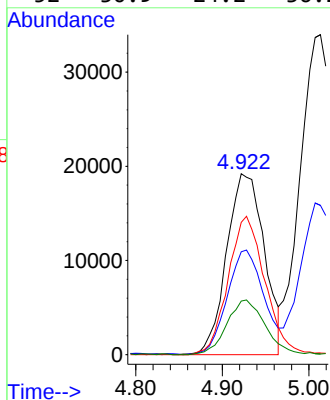
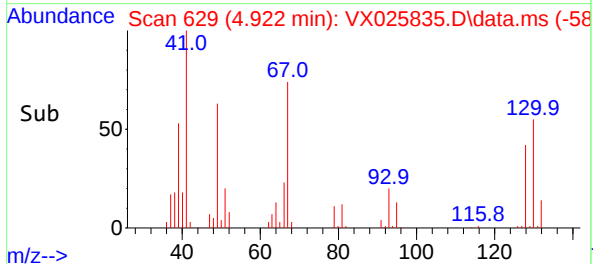
Tgt Ion: 41 Resp: 5804
Ion Ratio Lower Upper
41 100
39 56.1 44.2 66.2
67 75.2 59.7 89.5
52 30.9 24.2 36.2

Manual Integrations

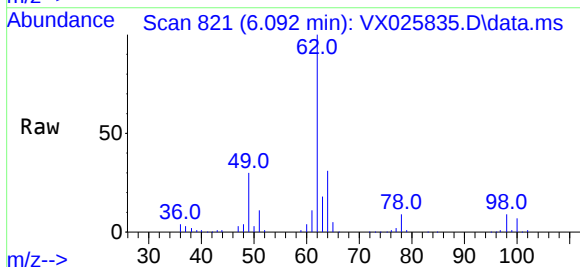
APPROVED

Reviewed By :John Carlone 12/16/2021

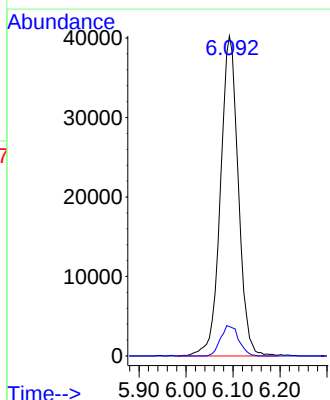
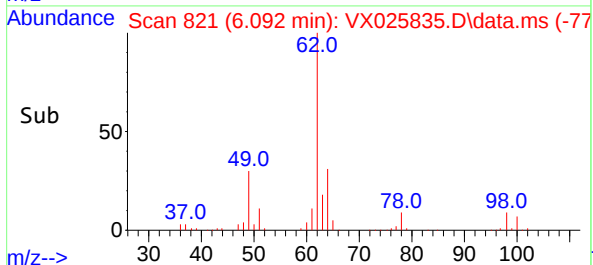
Supervised By :Mahesh Dadoda 12/21/2021

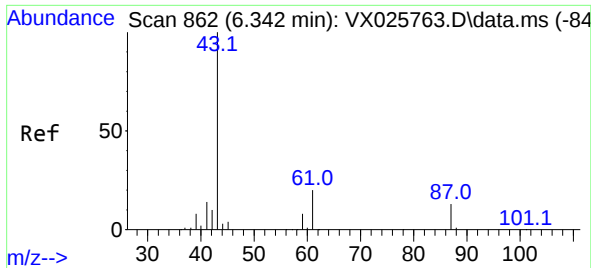


#42
1,2-Dichloroethane
Concen: 45.040 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



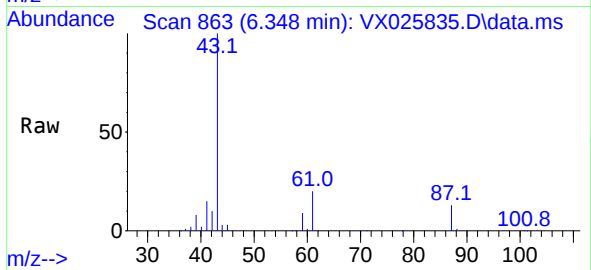
Tgt Ion: 62 Resp: 106295
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8





#43
Isopropyl Acetate
Concen: 45.764 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

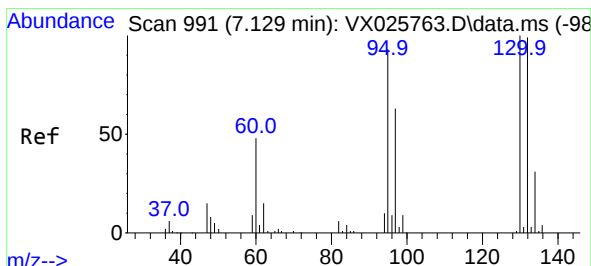
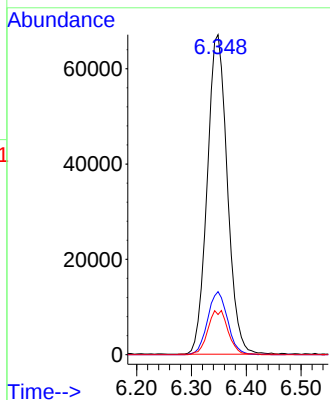
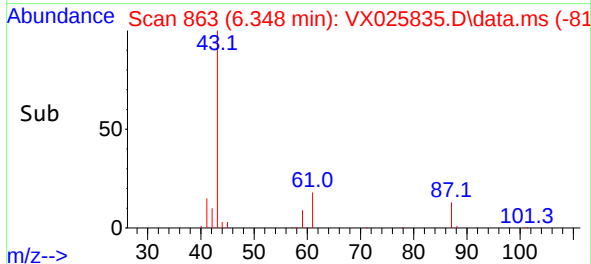
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



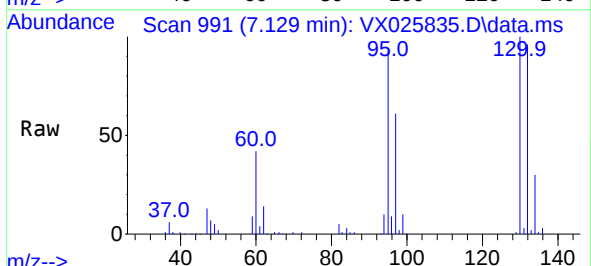
Tgt Ion: 43 Resp: 170518
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 14.0 11.2 16.8

Manual Integrations
APPROVED

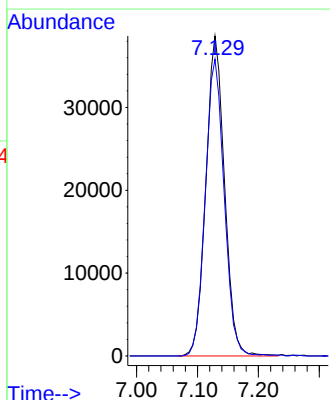
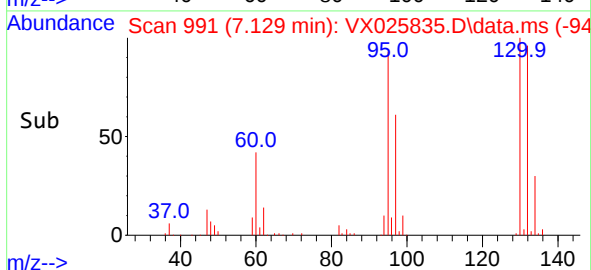
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

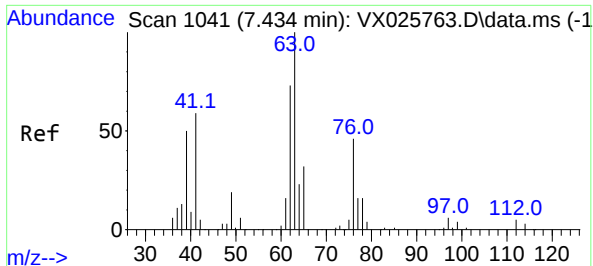


#44
Trichloroethene
Concen: 47.430 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion:130 Resp: 81994
Ion Ratio Lower Upper
130 100
95 92.8 0.0 186.4





#45

1,2-Dichloropropane

Concen: 47.218 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 73900

Ion Ratio Lower Upper

63 100

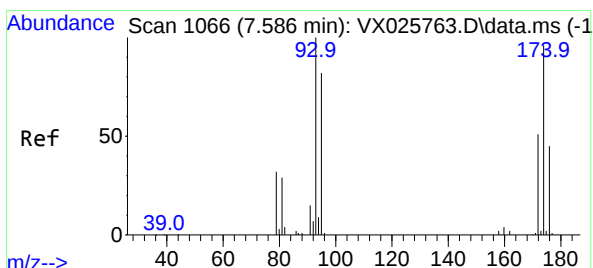
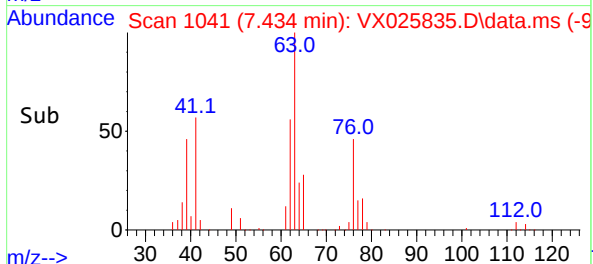
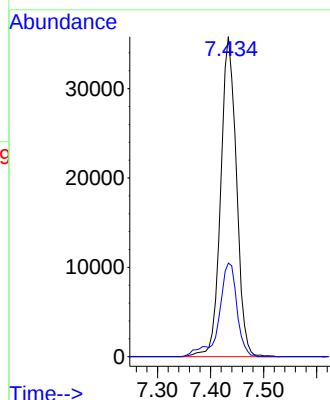
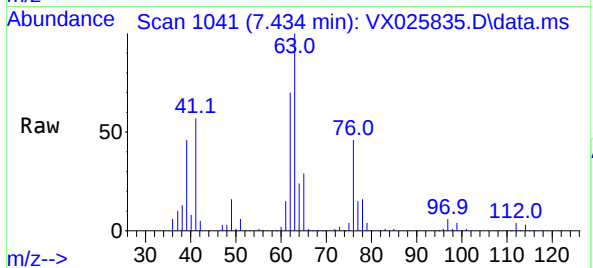
65 29.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 45.318 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

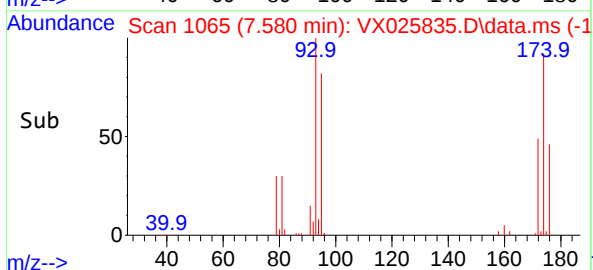
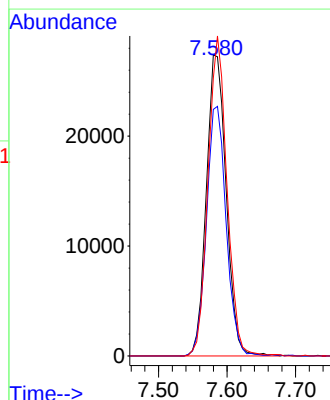
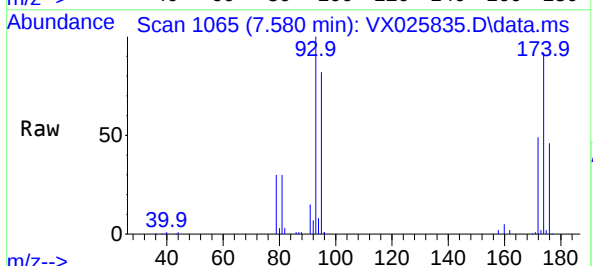
Tgt Ion: 93 Resp: 55217

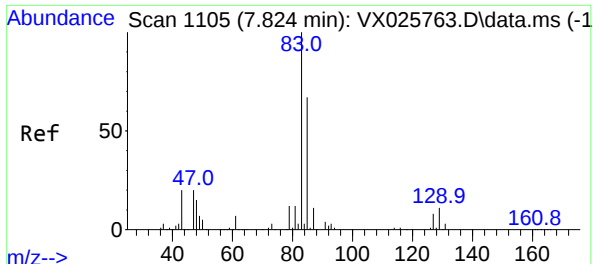
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 101.2 77.3 115.9





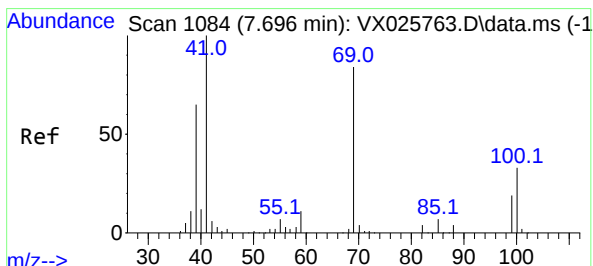
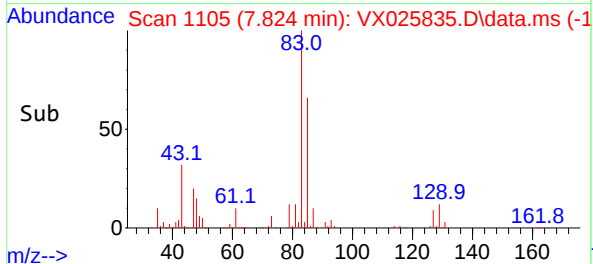
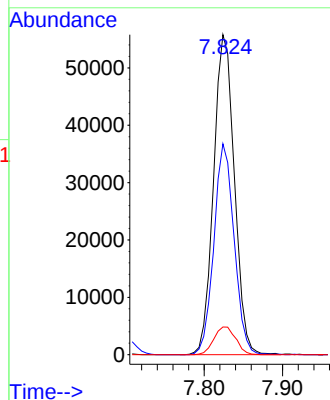
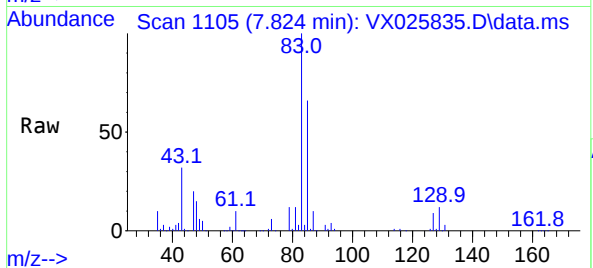
#47
Bromodichloromethane
Concen: 42.908 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10304
Ion Ratio Lower Upper
83 100
85 65.9 53.5 80.3
127 8.7 6.6 10.0

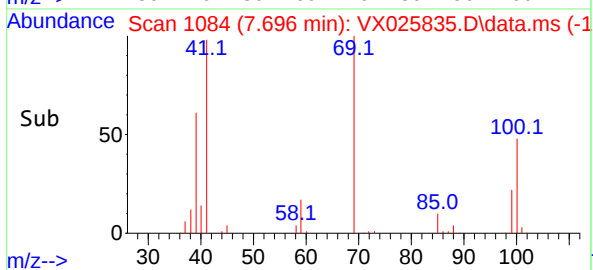
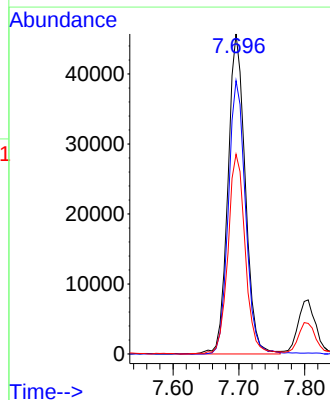
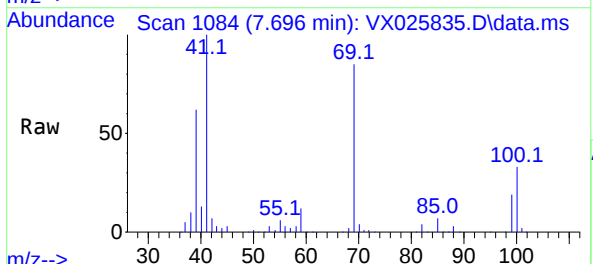
Manual Integrations
APPROVED

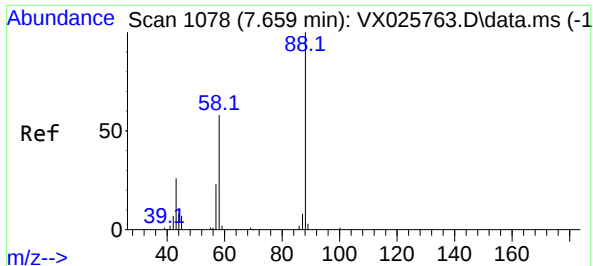
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 47.687 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion: 41 Resp: 83674
Ion Ratio Lower Upper
41 100
69 84.8 67.3 100.9
39 62.3 50.2 75.2





#49

1,4-Dioxane

Concen: 998.721 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3825

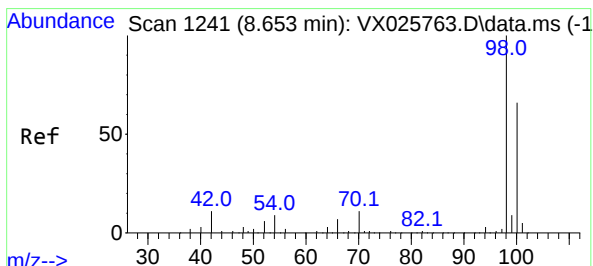
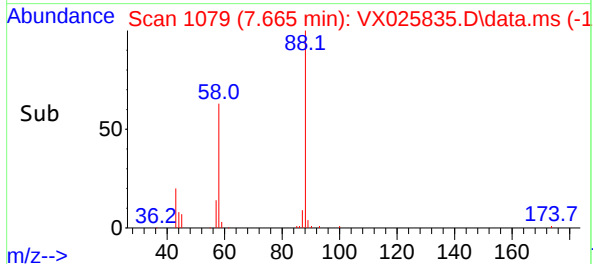
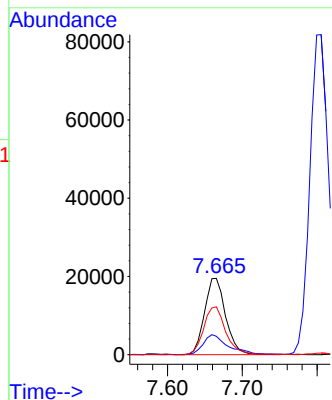
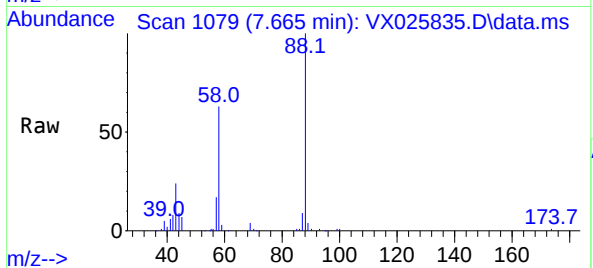
Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.3	37.9
58	65.6	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 48.226 ug/l

RT: 8.653 min Scan# 1241

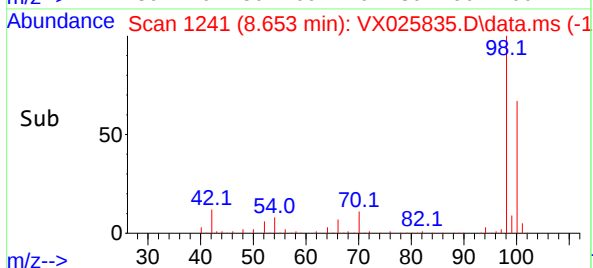
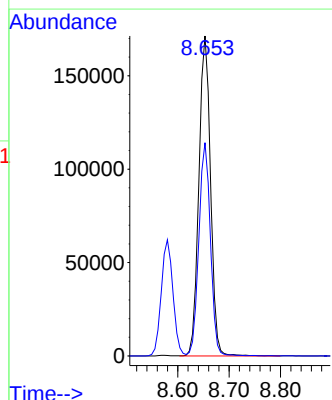
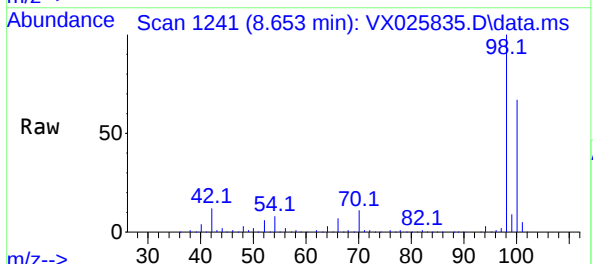
Delta R.T. -0.000 min

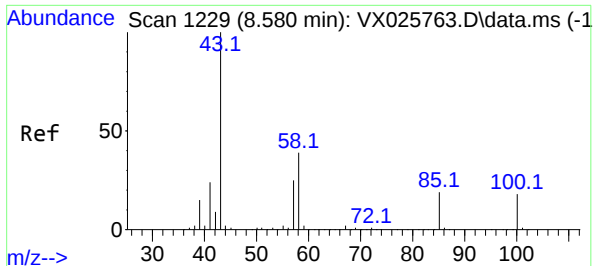
Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Tgt Ion: 98 Resp: 269715

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 237.512 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

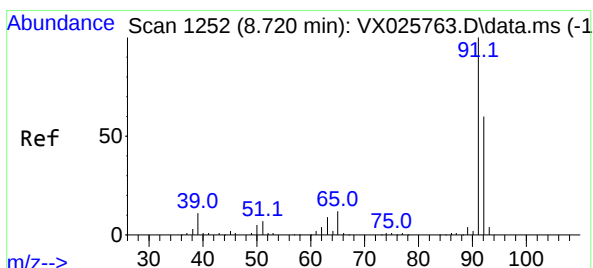
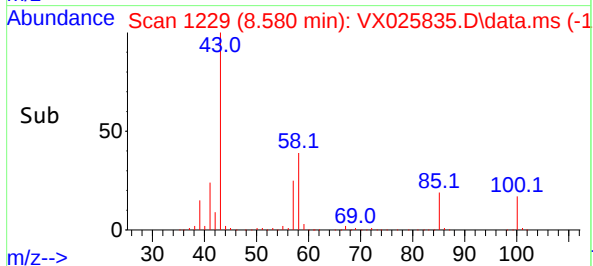
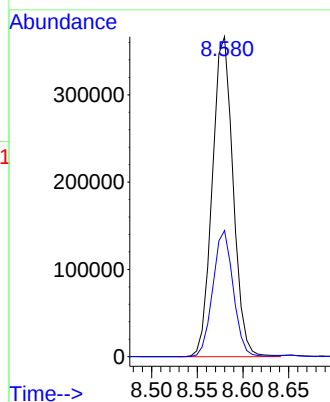
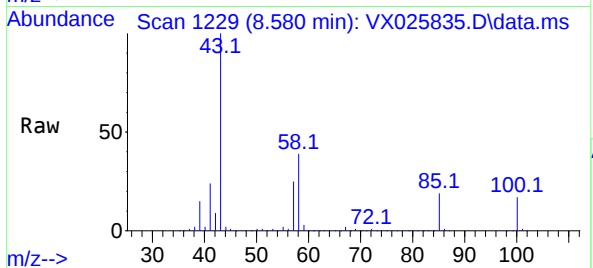
VSTDCCC050

Tgt Ion: 43 Resp: 57932
Ion Ratio Lower Upper
43 100
58 38.7 30.8 46.2

Manual Integrations

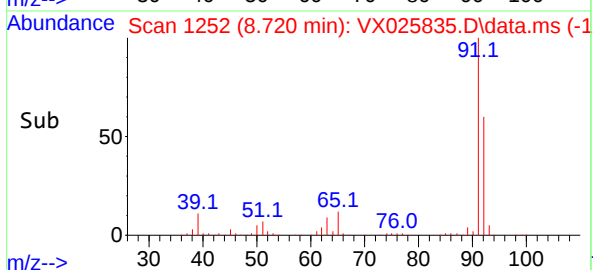
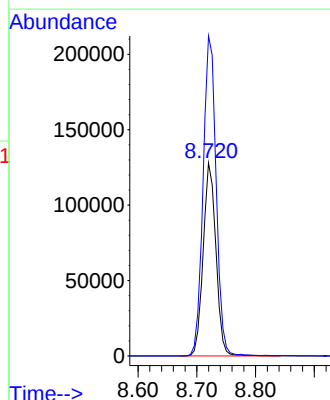
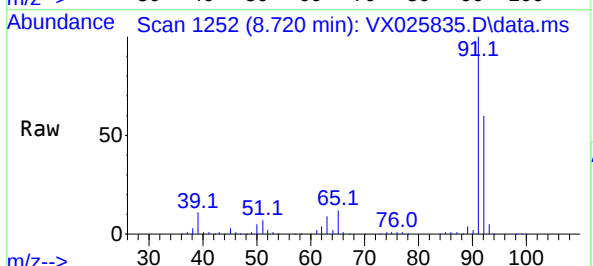
APPROVED

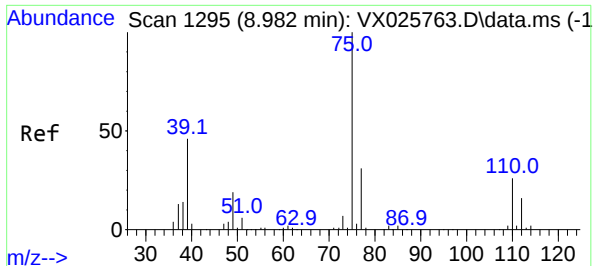
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 48.758 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion: 92 Resp: 192912
Ion Ratio Lower Upper
92 100
91 170.6 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 43.378 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9929

Ion Ratio Lower Upper

75 100

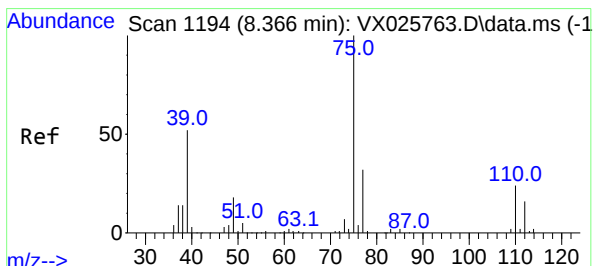
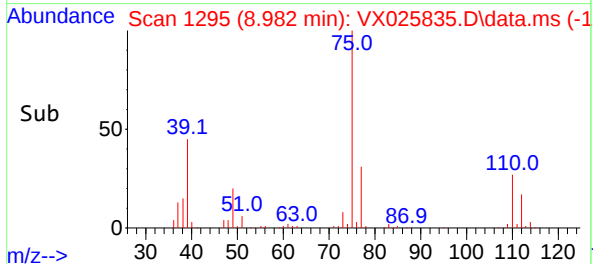
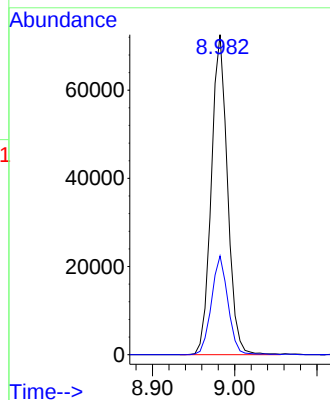
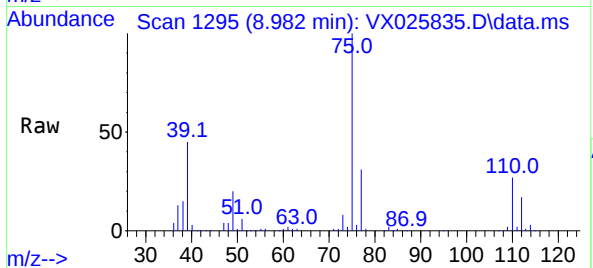
77 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#54

cis-1,3-Dichloropropene

Concen: 44.765 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

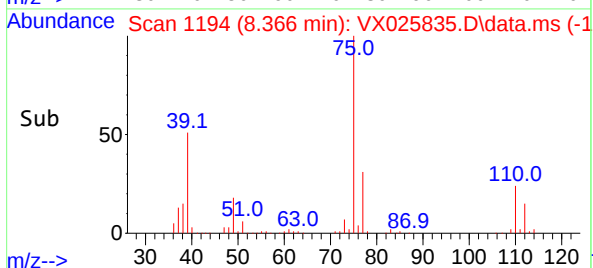
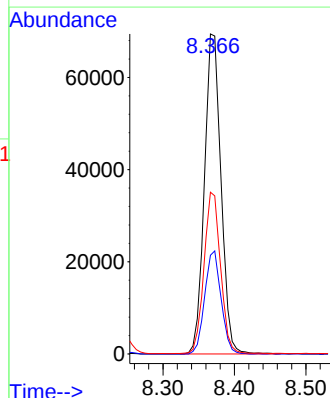
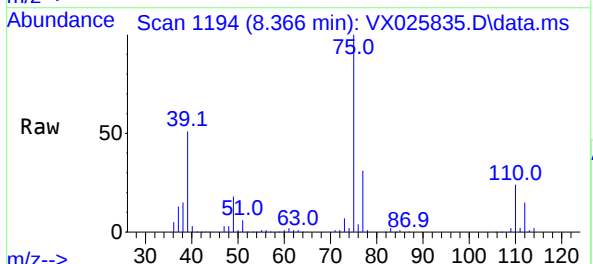
Tgt Ion: 75 Resp: 112117

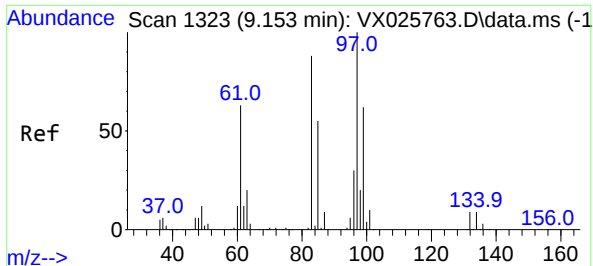
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 50.4 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 46.223 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

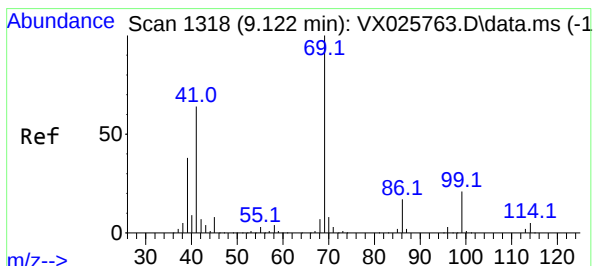
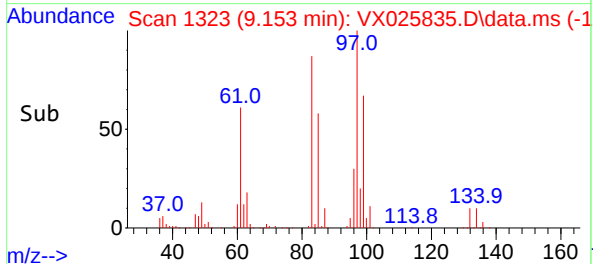
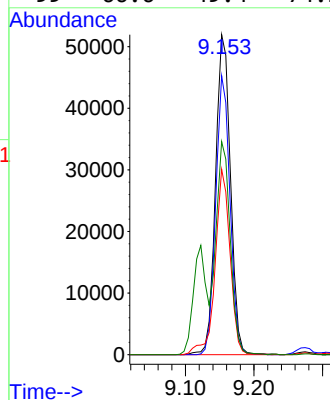
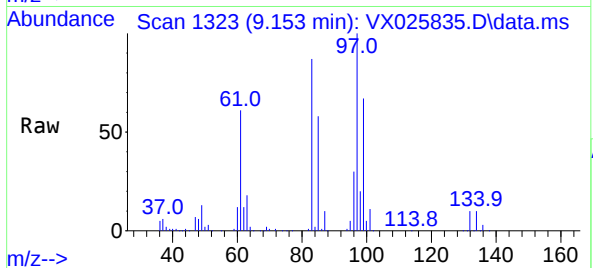
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 7842

Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.5	105.7
85	57.9	43.8	65.6
99	66.6	49.4	74.2

Manual Integrations
APPROVED

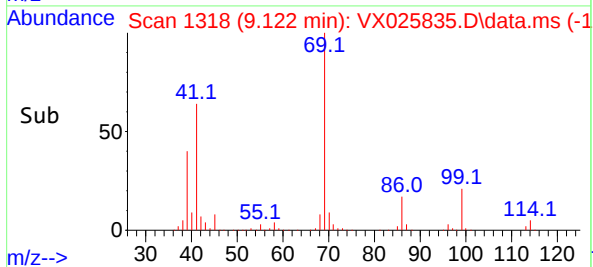
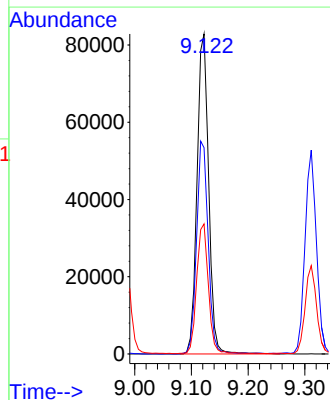
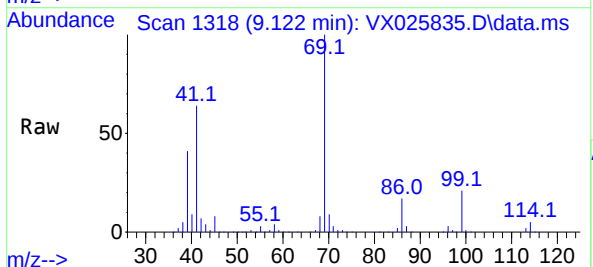
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

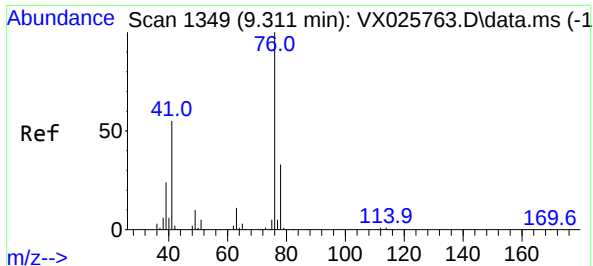


#56
Ethyl methacrylate
Concen: 48.351 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion: 69 Resp: 117818

Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.8	79.2
39	41.0	32.5	48.7





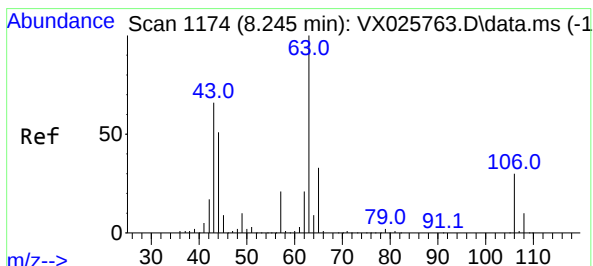
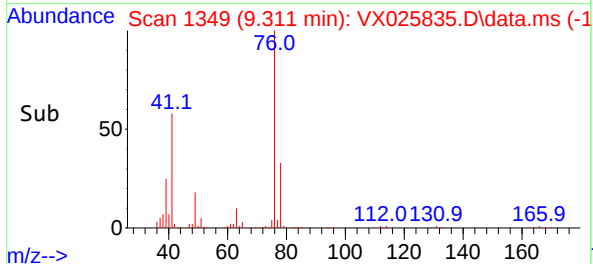
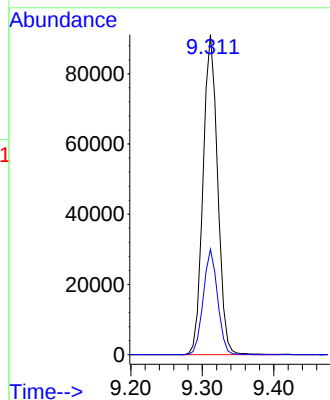
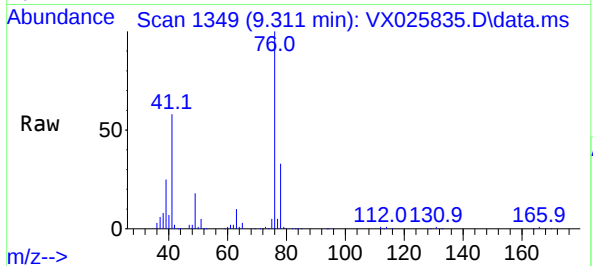
#57
1,3-Dichloropropane
Concen: 46.388 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12910
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

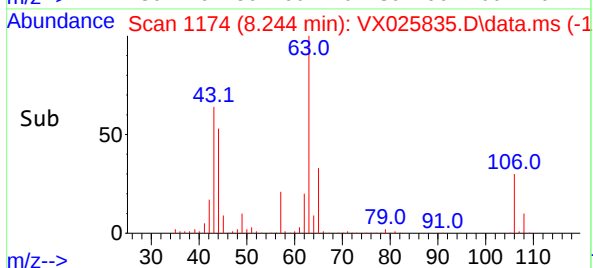
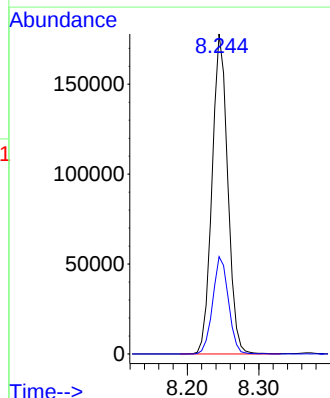
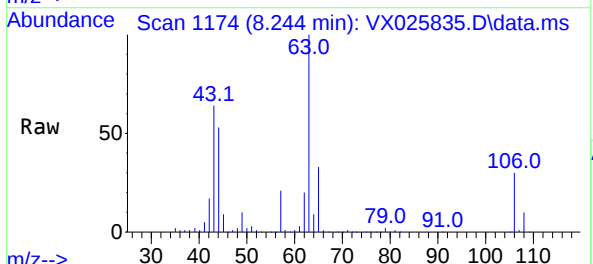
Manual Integrations
APPROVED

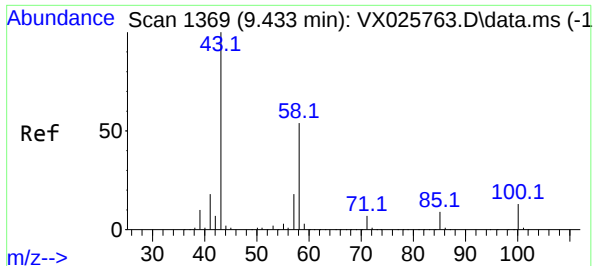
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#58
2-Chloroethyl Vinyl ether
Concen: 228.983 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

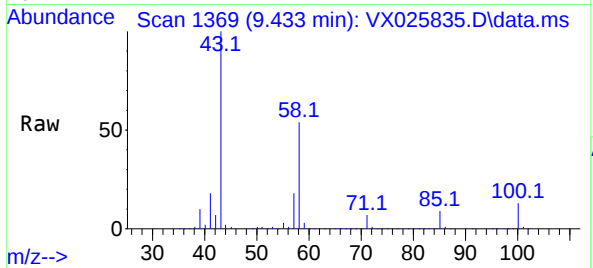
Tgt Ion: 63 Resp: 270867
Ion Ratio Lower Upper
63 100
106 30.5 24.4 36.6





#59
2-Hexanone
Concen: 241.046 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

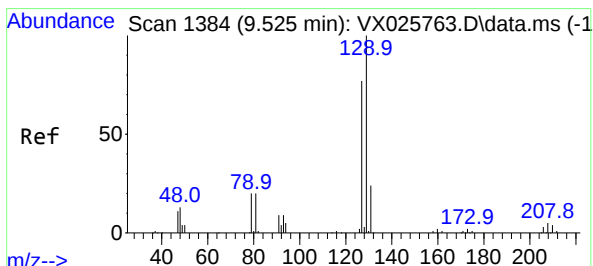
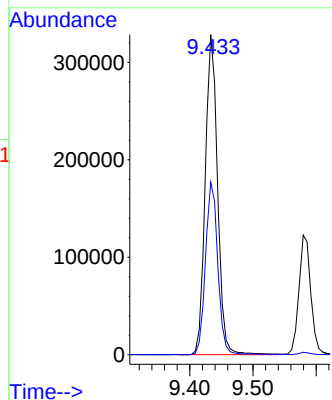
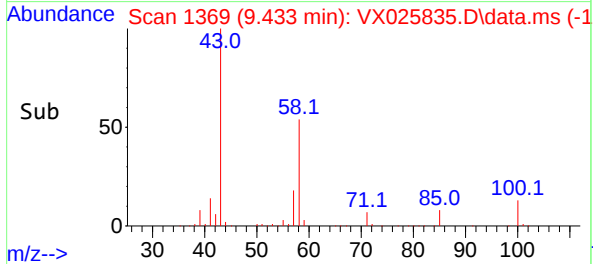
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



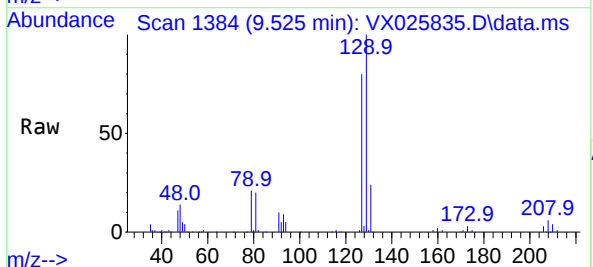
Tgt Ion: 43 Resp: 445470
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.6

Manual Integrations
APPROVED

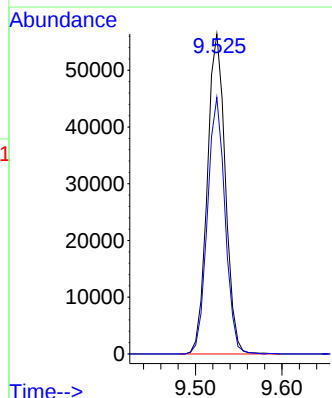
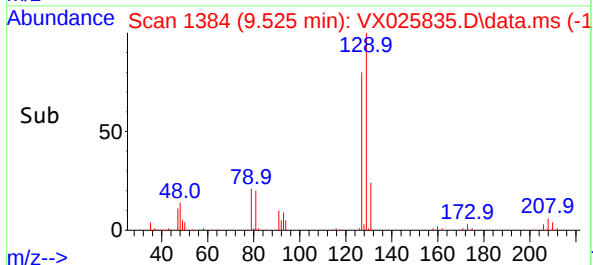
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

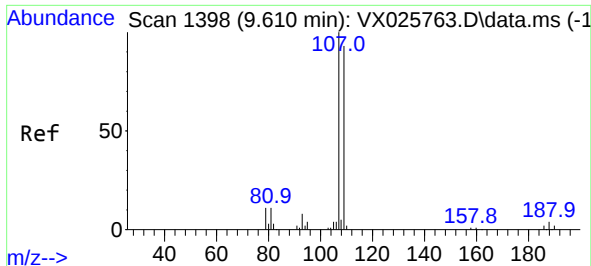


#60
Dibromochloromethane
Concen: 42.347 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



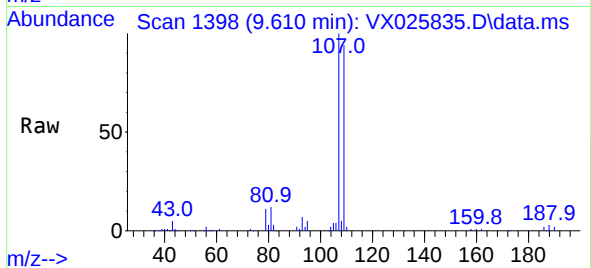
Tgt Ion:129 Resp: 81550
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 45.827 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

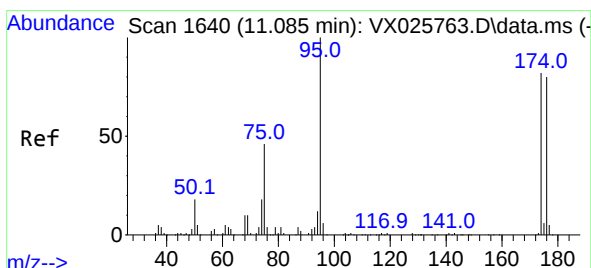
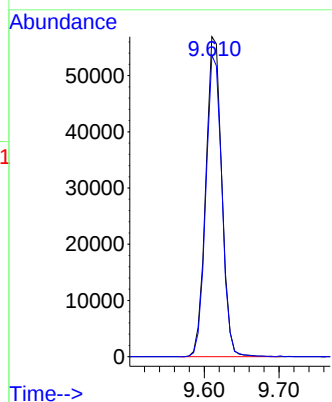
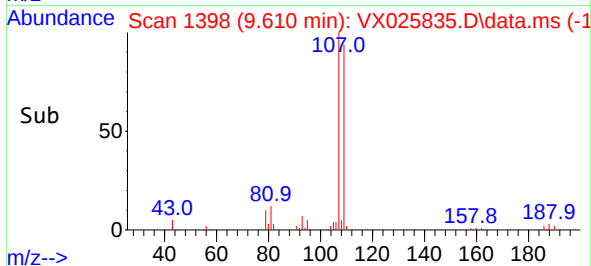
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



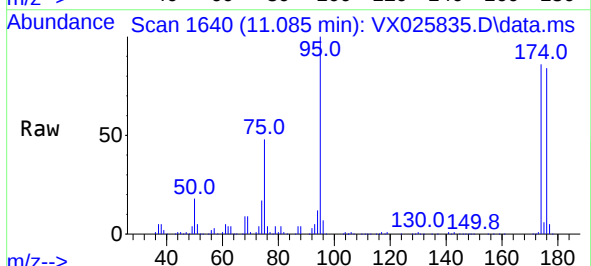
Tgt Ion:107 Resp: 84308
Ion Ratio Lower Upper
107 100
109 94.3 75.1 112.7

Manual Integrations
APPROVED

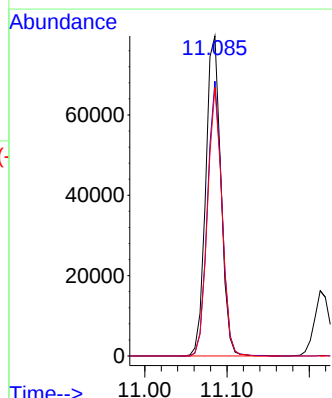
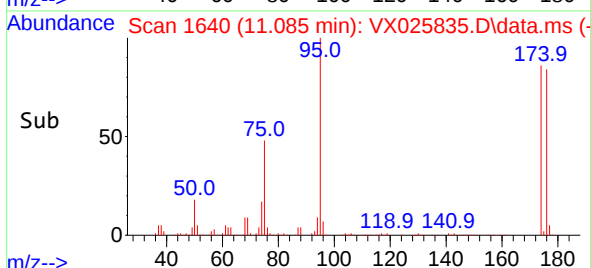
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

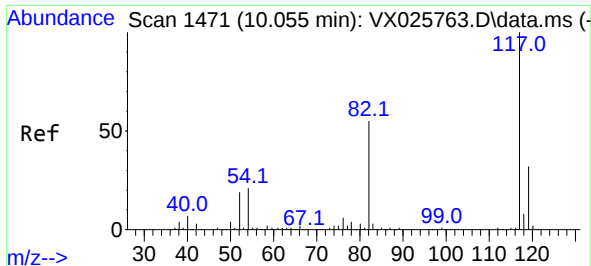


#62
4-Bromofluorobenzene
Concen: 47.970 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



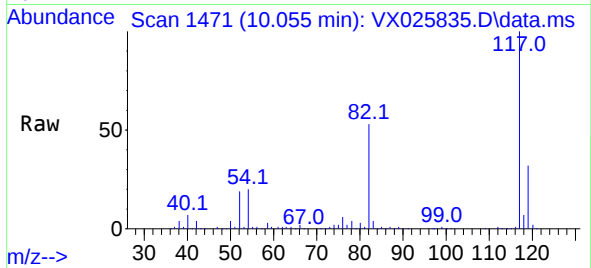
Tgt Ion: 95 Resp: 101911
Ion Ratio Lower Upper
95 100
174 82.0 0.0 157.4
176 79.9 0.0 154.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

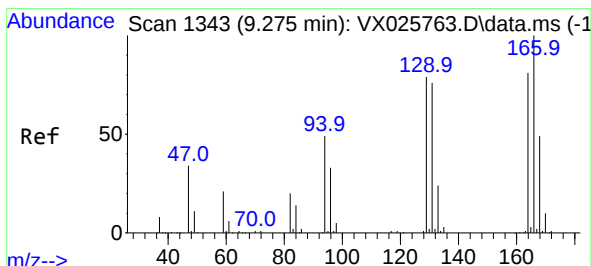
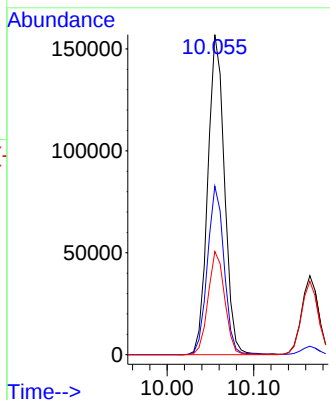
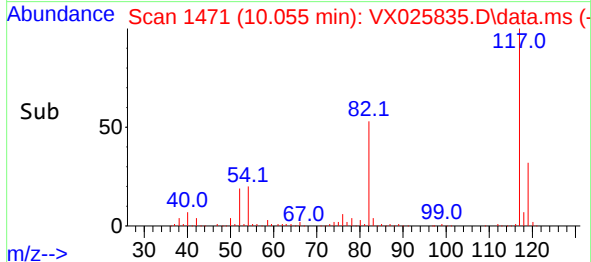
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 209960
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 32.2 25.2 37.8

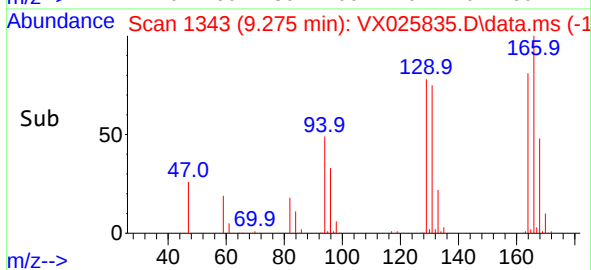
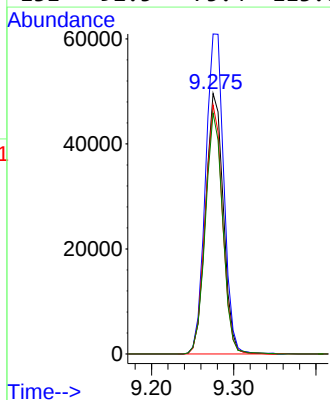
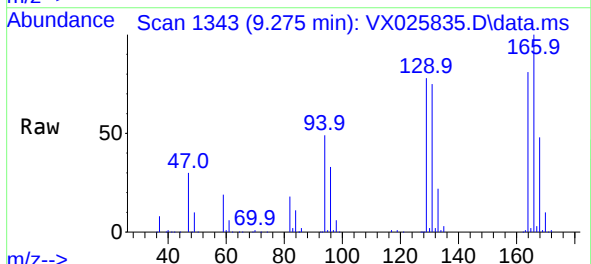
Manual Integrations
APPROVED

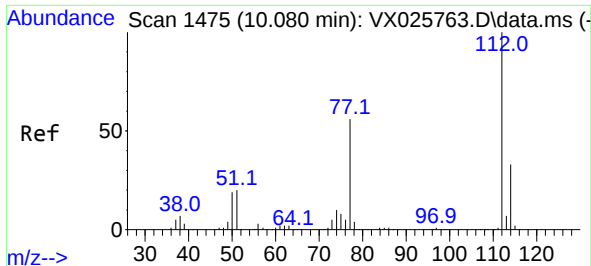
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 44.456 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

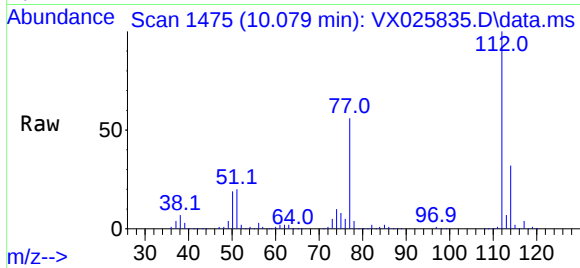
Tgt Ion:164 Resp: 74455
Ion Ratio Lower Upper
164 100
166 122.9 99.4 149.0
129 95.6 78.6 118.0
131 92.5 75.4 113.0





#65
Chlorobenzene
Concen: 48.041 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

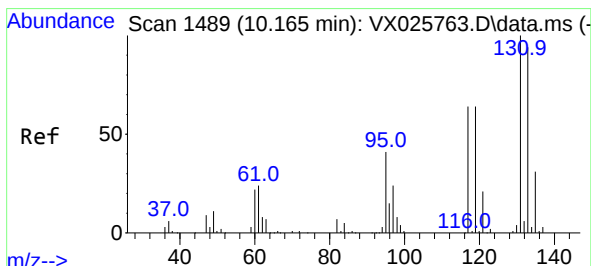
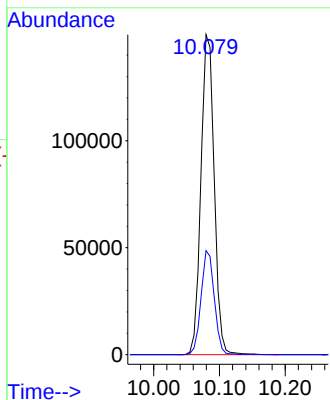
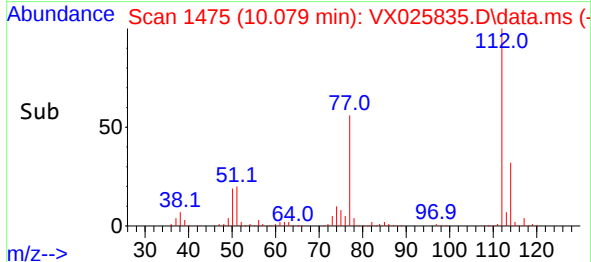
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



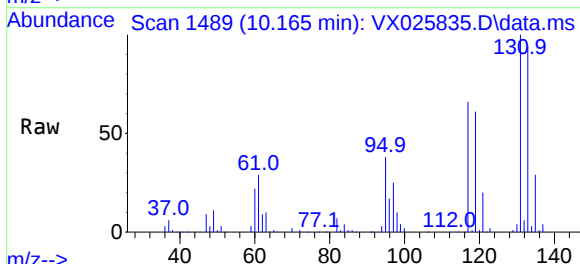
Tgt Ion:112 Resp: 210250
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8

Manual Integrations
APPROVED

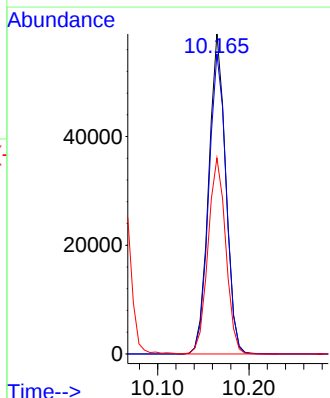
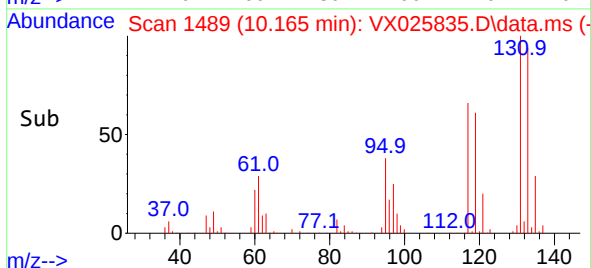
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

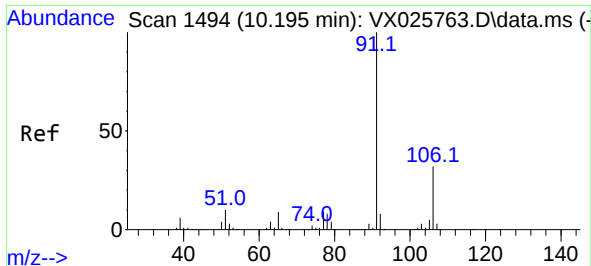


#66
1,1,1,2-Tetrachloroethane
Concen: 44.495 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



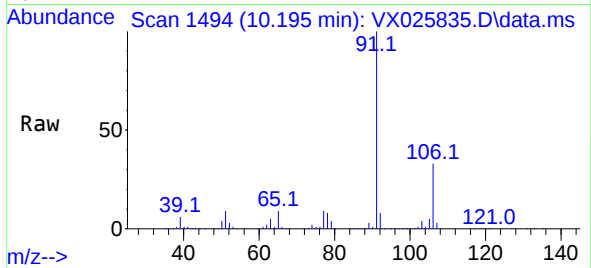
Tgt Ion:131 Resp: 76043
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 63.6 31.9 95.9





#67
Ethyl Benzene
Concen: 50.012 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

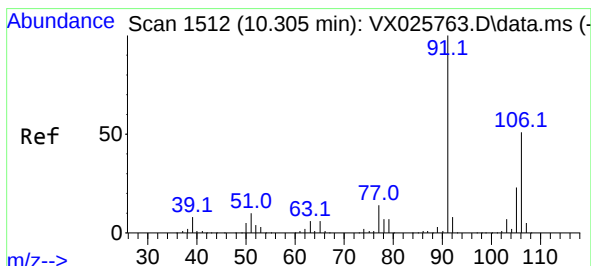
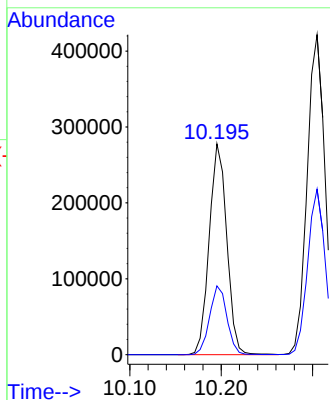
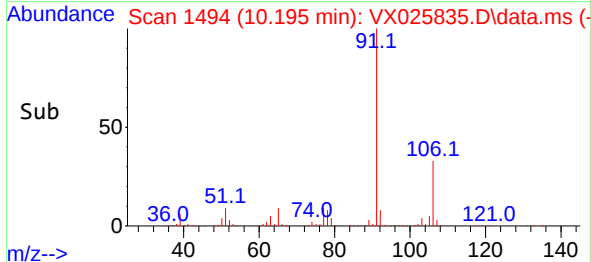
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



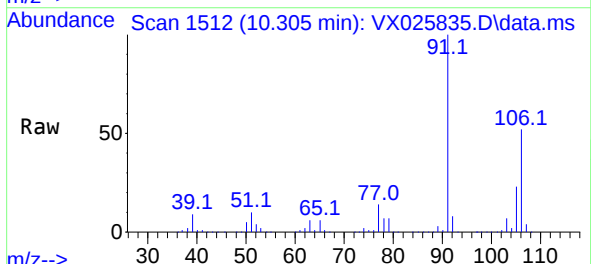
Tgt Ion: 91 Resp: 370139
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5

Manual Integrations
APPROVED

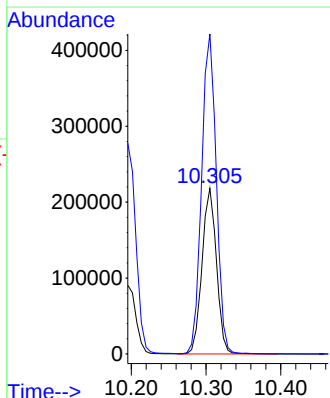
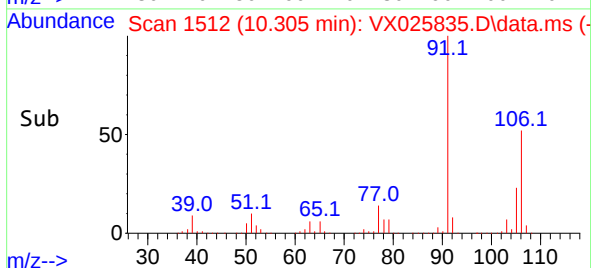
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

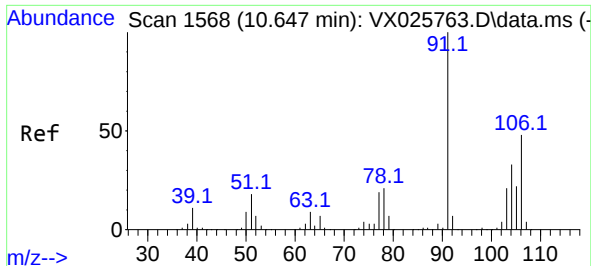


#68
m/p-Xylenes
Concen: 101.578 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion:106 Resp: 292528
Ion Ratio Lower Upper
106 100
91 196.2 158.6 238.0





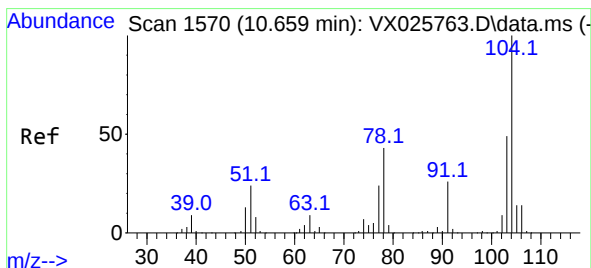
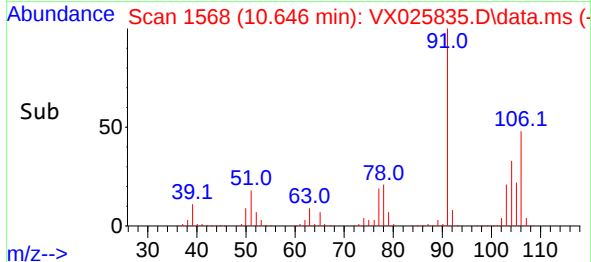
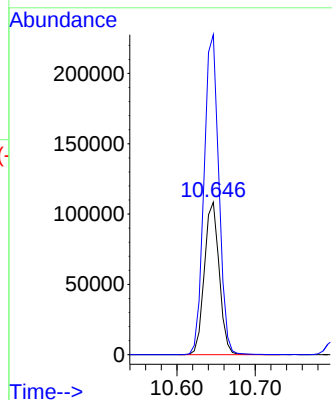
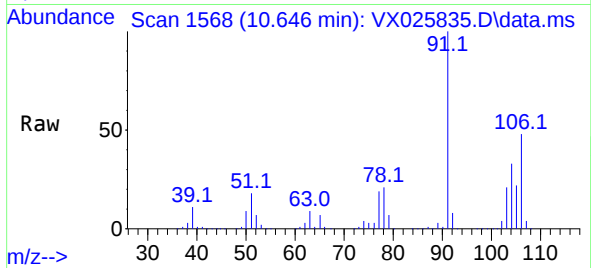
#69
o-Xylene
Concen: 50.202 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 142224
Ion Ratio Lower Upper
106 100
91 210.3 105.5 316.4

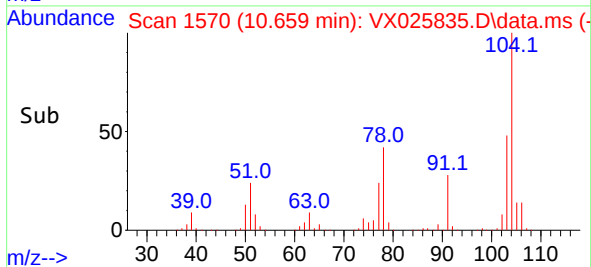
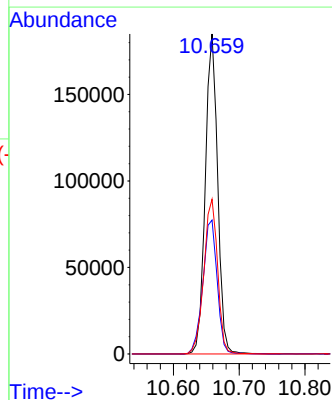
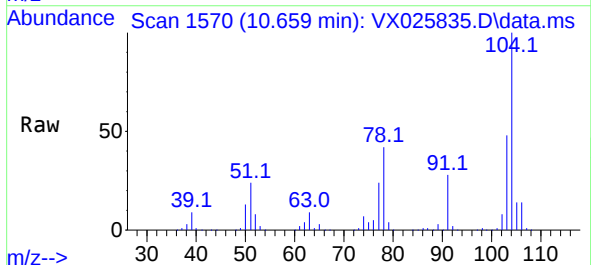
Manual Integrations
APPROVED

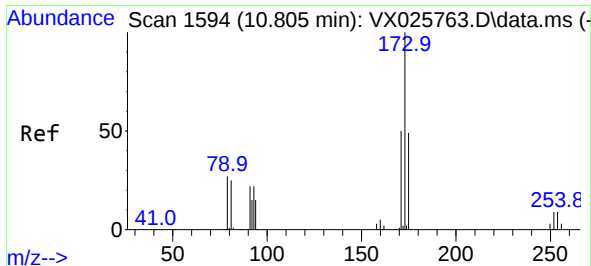
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 51.199 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

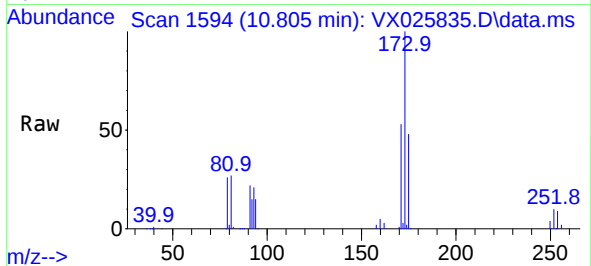
Tgt Ion:104 Resp: 241366
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 54.1 43.0 64.6





#71
Bromoform
Concen: 41.191 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

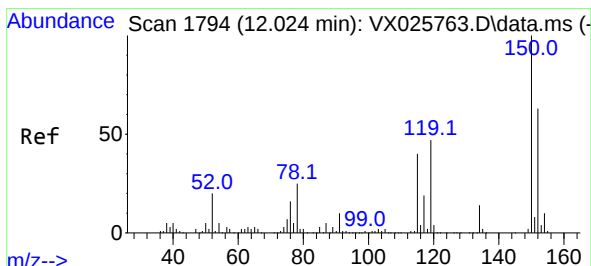
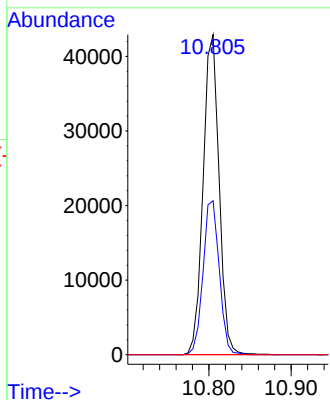
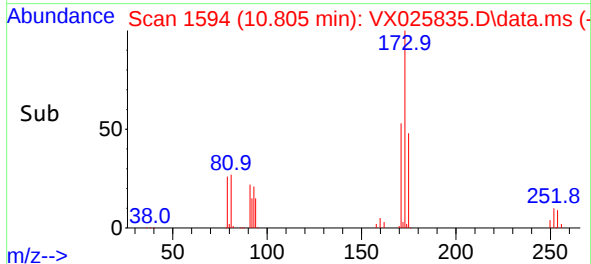
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



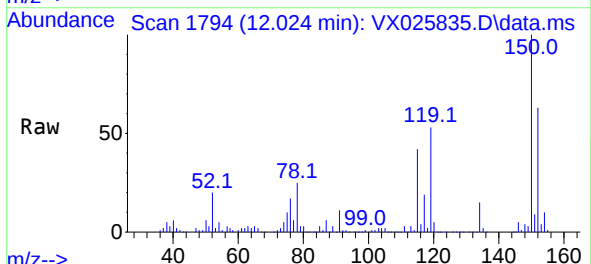
Tgt Ion:173 Resp: 57992
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

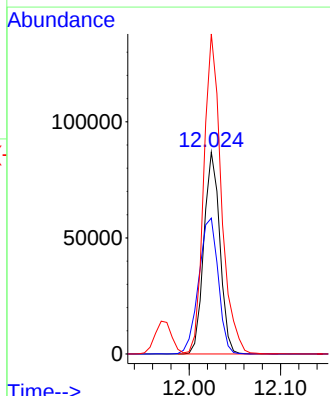
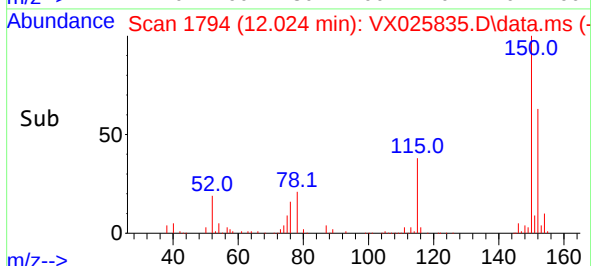
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

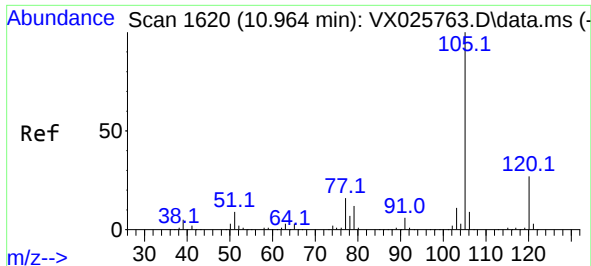


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



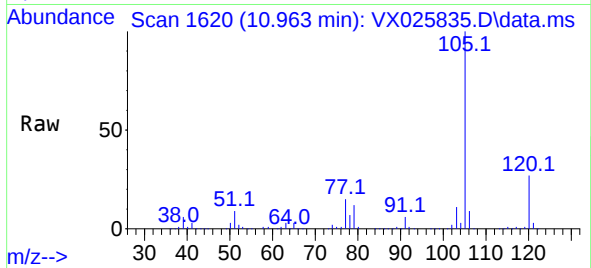
Tgt Ion:152 Resp: 104929
Ion Ratio Lower Upper
152 100
115 82.5 41.3 123.9
150 174.5 0.0 351.8





#73
Isopropylbenzene
Concen: 48.475 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

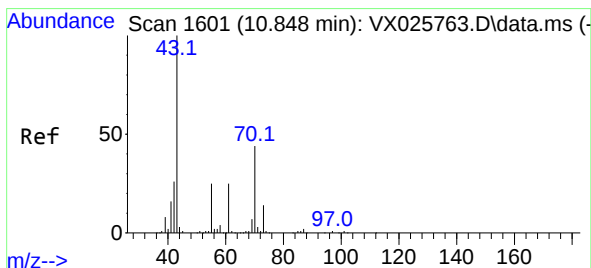
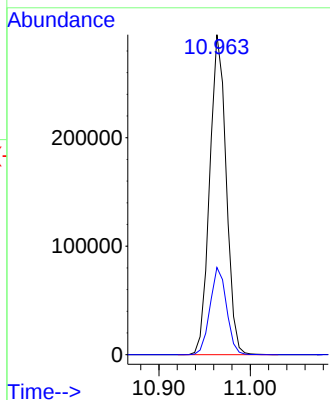
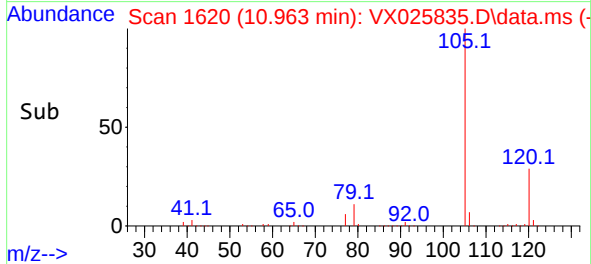
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



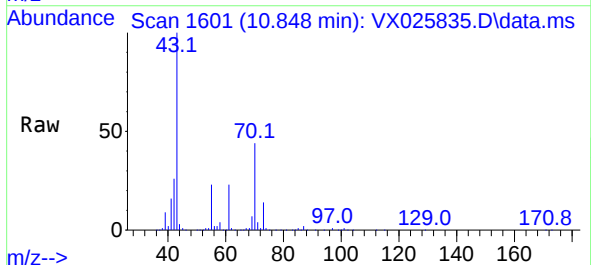
Tgt Ion:105 Resp: 369149
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7

Manual Integrations
APPROVED

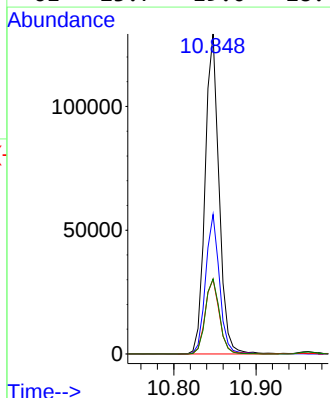
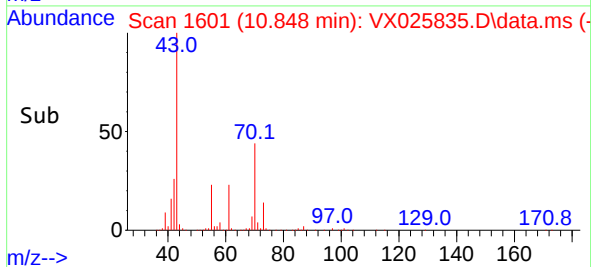
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

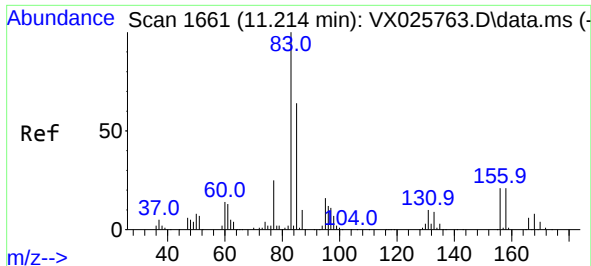


#74
N-ethyl acetate
Concen: 49.738 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion: 43 Resp: 152349
Ion Ratio Lower Upper
43 100
70 43.3 34.1 51.1
55 24.0 19.2 28.8
61 23.7 19.0 28.4





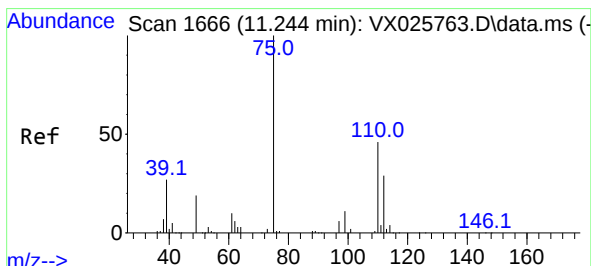
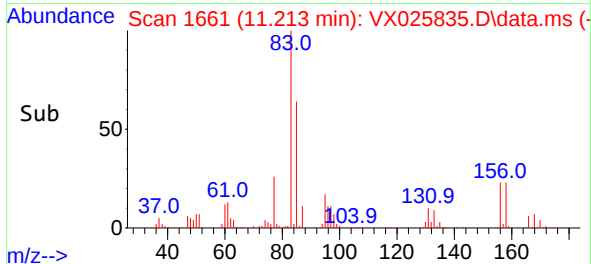
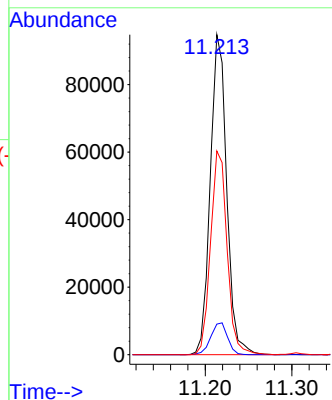
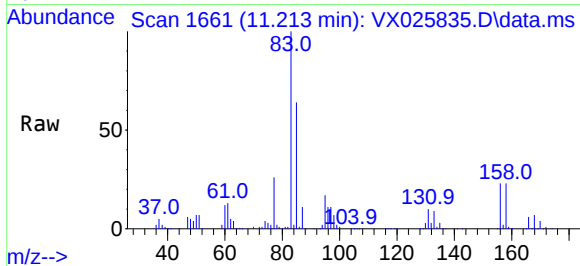
#75
1,1,2,2-Tetrachloroethane
Concen: 46.933 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12456
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.2 31.6 95.0

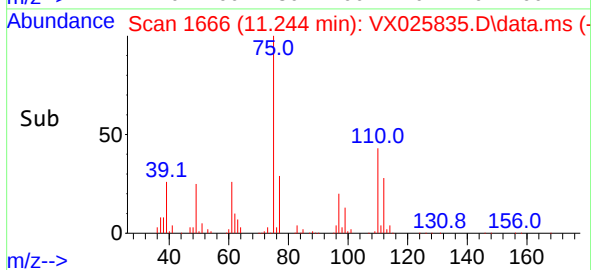
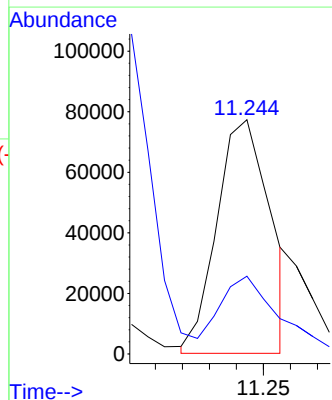
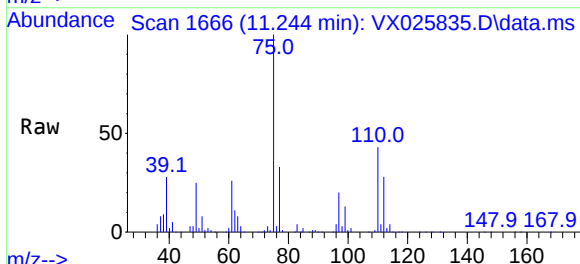
Manual Integrations
APPROVED

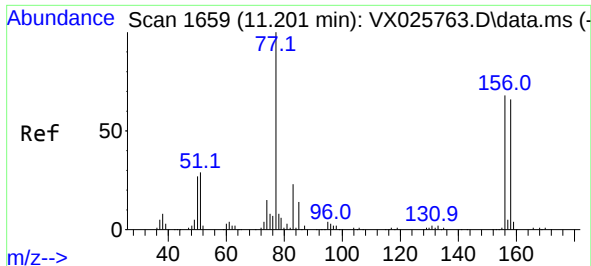
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#76
1,2,3-Trichloropropane
Concen: 43.784 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

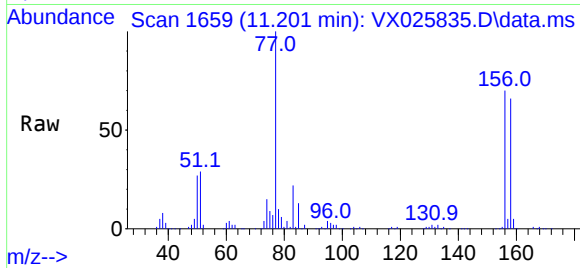
Tgt Ion: 75 Resp: 105262
Ion Ratio Lower Upper
75 100
77 37.7 19.0 57.0





#77
Bromobenzene
Concen: 47.718 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

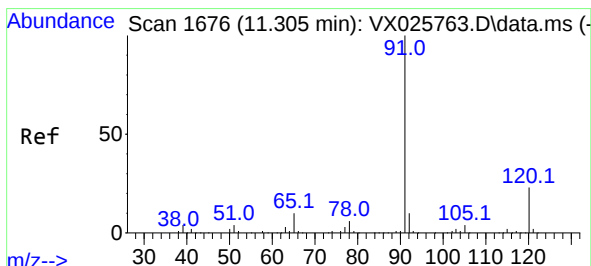
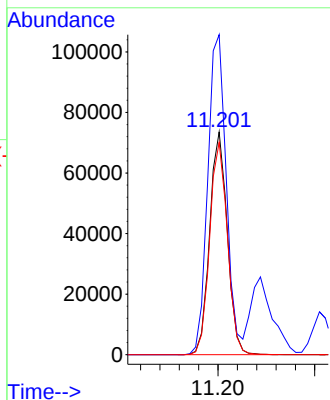
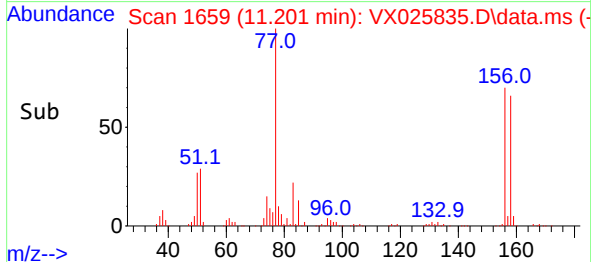
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



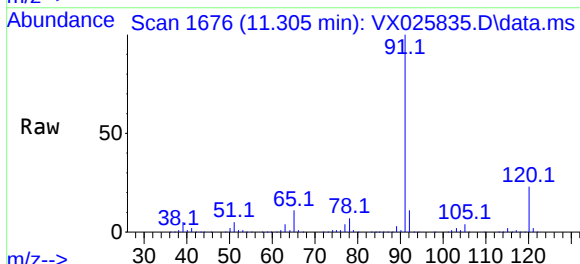
Tgt Ion:156 Resp: 93212
Ion Ratio Lower Upper
156 100
77 150.9 78.2 234.6
158 95.8 48.6 145.9

Manual Integrations
APPROVED

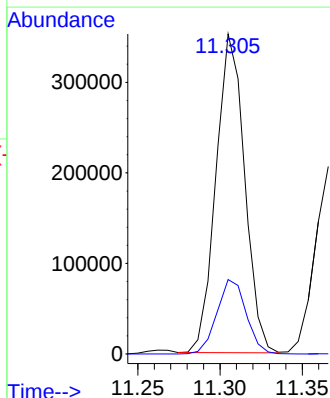
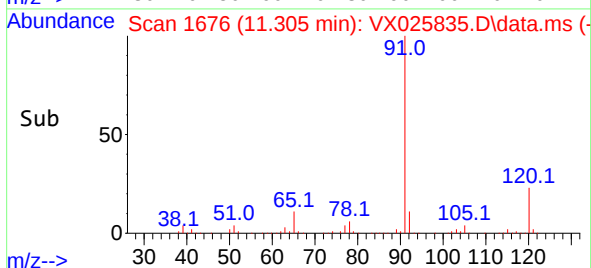
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

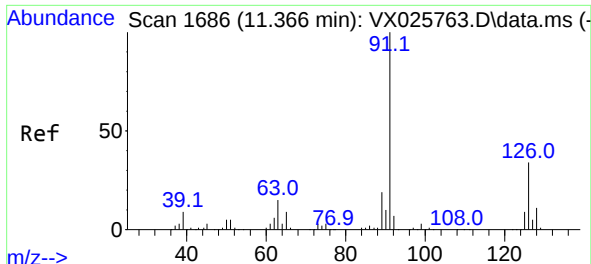


#78
n-propylbenzene
Concen: 49.489 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion: 91 Resp: 426286
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





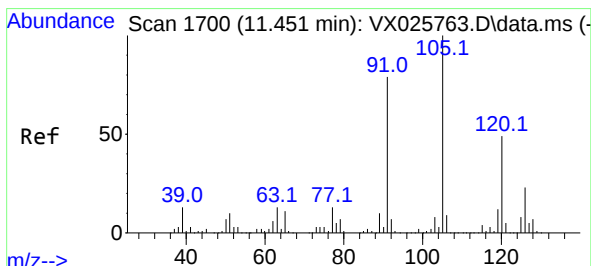
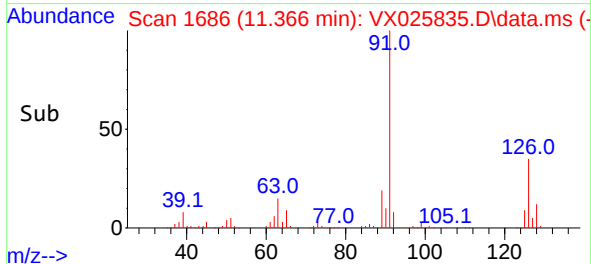
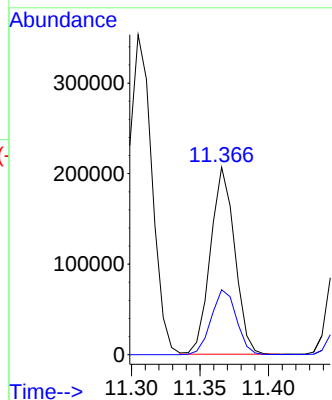
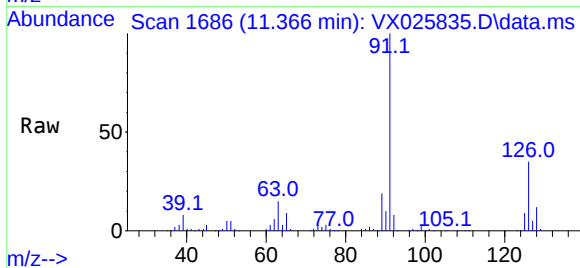
#79
2-Chlorotoluene
Concen: 46.412 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 254228
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.3

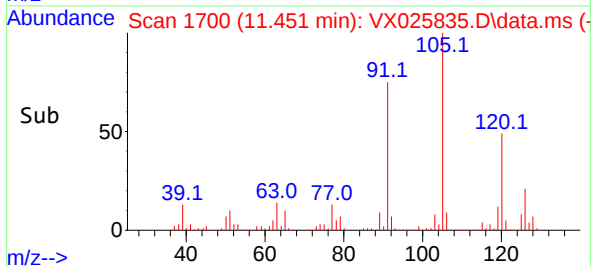
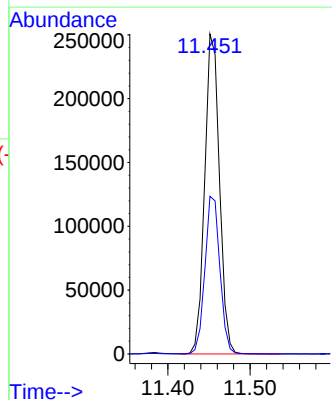
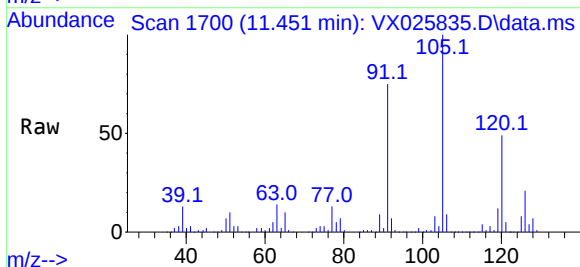
Manual Integrations
APPROVED

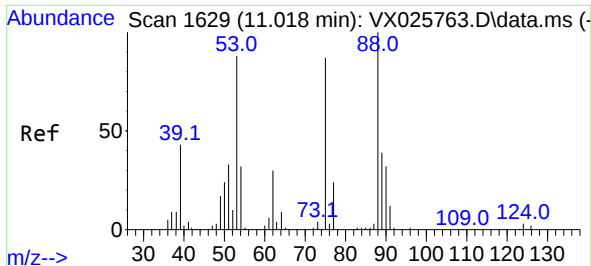
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.461 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion:105 Resp: 312395
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





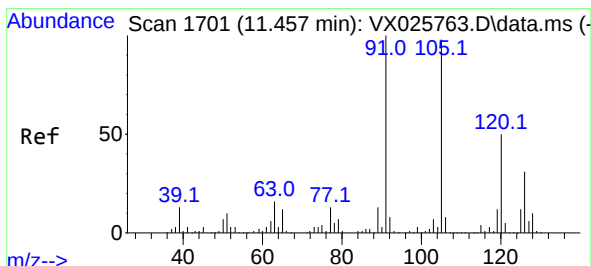
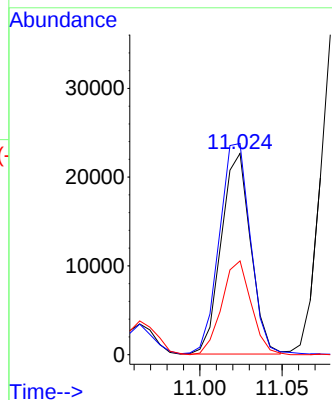
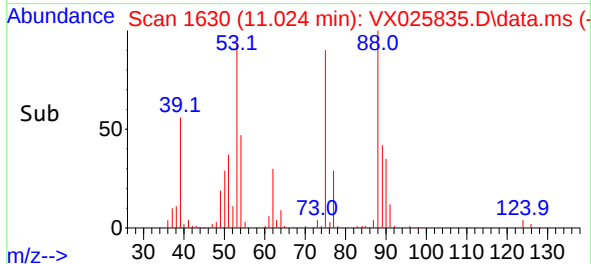
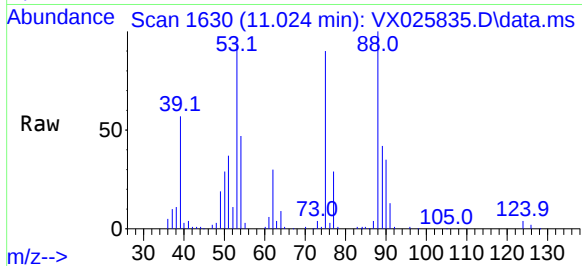
#81
trans-1,4-Dichloro-2-butene
Concen: 36.392 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 28220
Ion Ratio Lower Upper
75 100
53 112.0 79.5 119.3
89 46.5 38.3 57.5

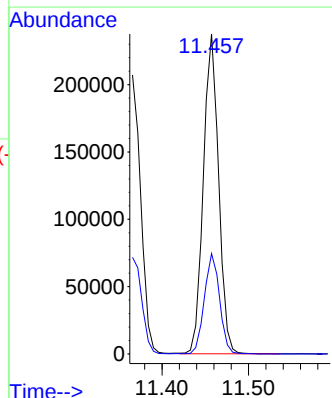
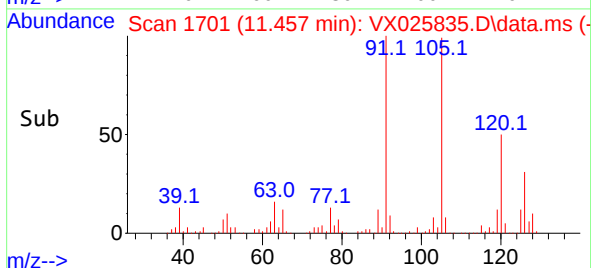
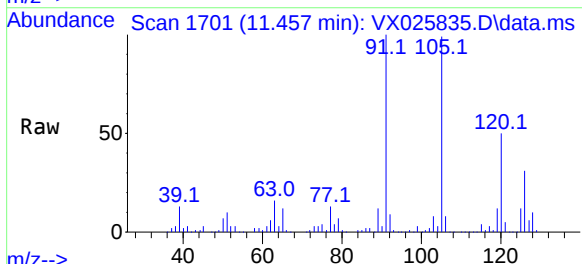
Manual Integrations
APPROVED

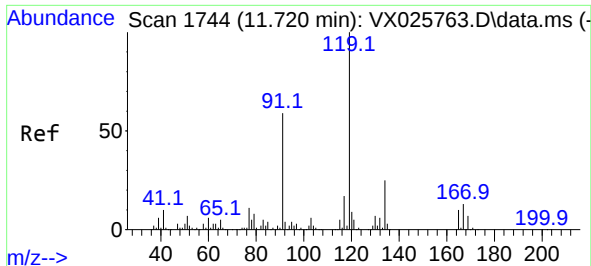
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 47.269 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion: 91 Resp: 289938
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





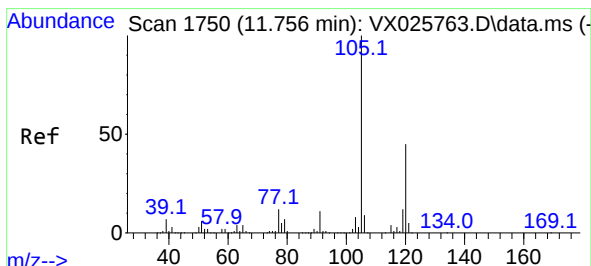
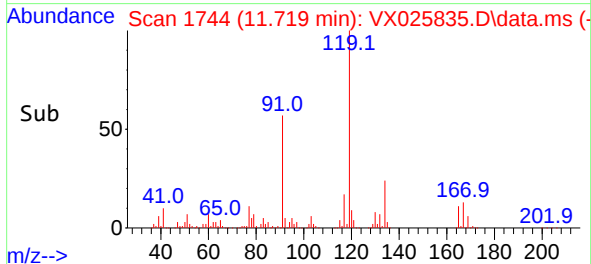
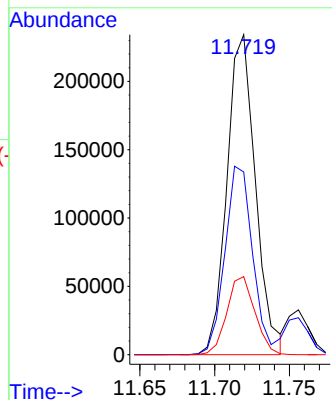
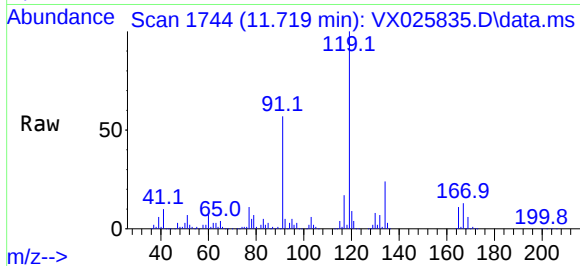
#83
tert-Butylbenzene
Concen: 50.325 ug/l
RT: 11.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 31155
Ion Ratio Lower Upper
119 100
91 56.9 28.7 86.1
134 23.9 11.9 35.9

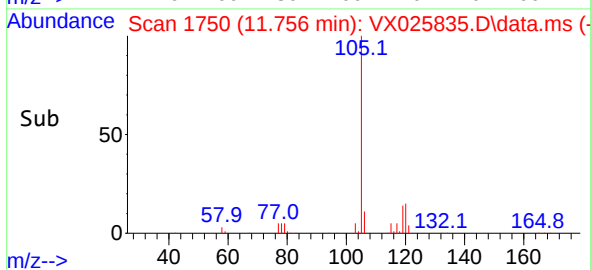
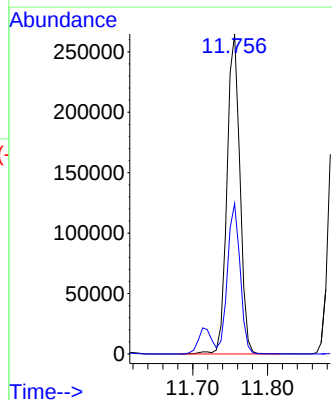
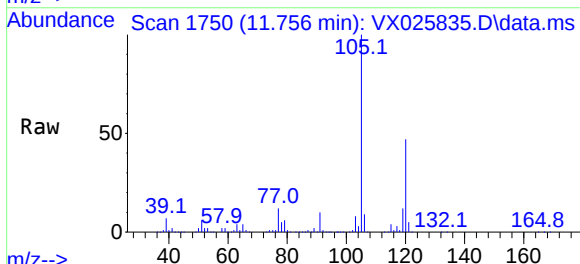
Manual Integrations
APPROVED

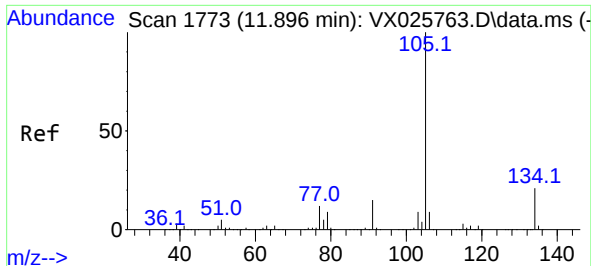
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#84
1,2,4-Trimethylbenzene
Concen: 50.333 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion:105 Resp: 317573
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 51.670 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VX025835.D
 Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

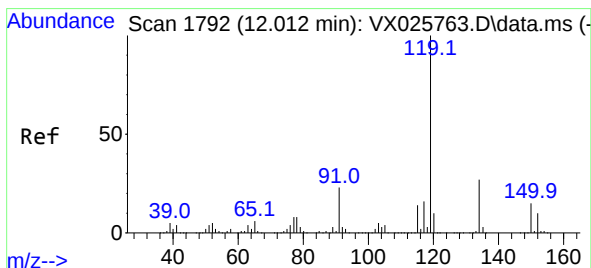
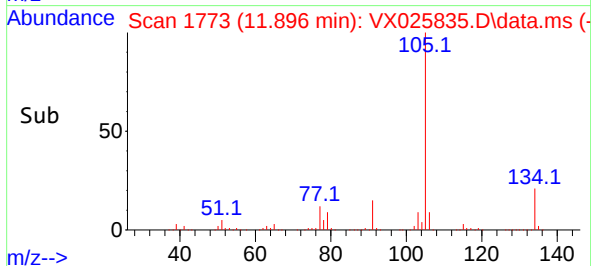
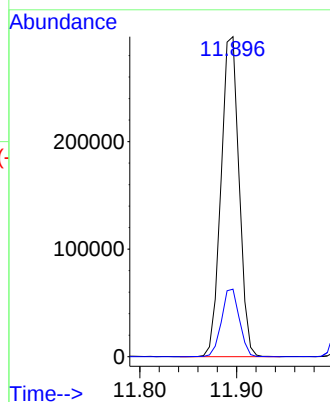
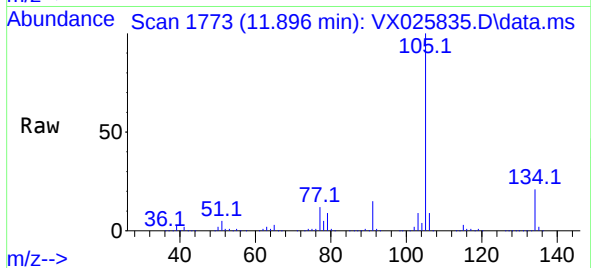
VSTDCCC050

Tgt Ion:105 Resp: 384484
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations

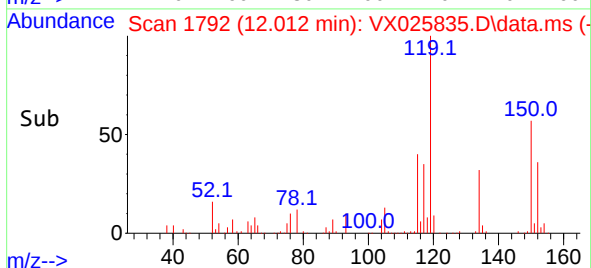
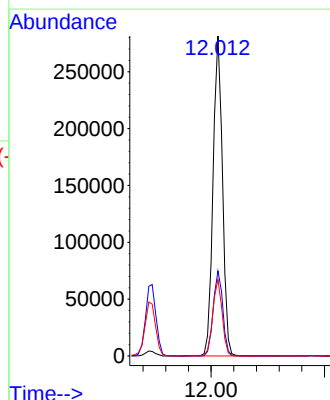
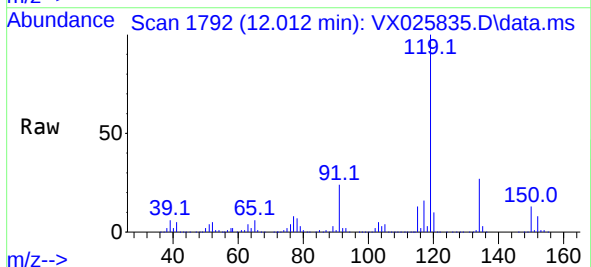
APPROVED

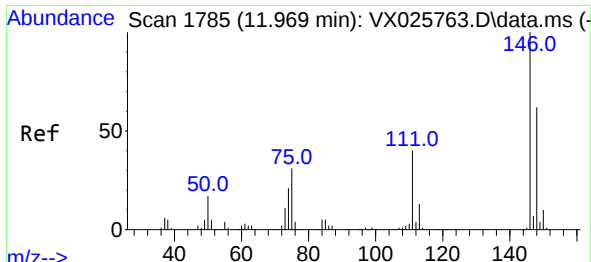
Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 51.812 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025835.D
 Acq: 16 Dec 2021 00:05

Tgt Ion:119 Resp: 323784
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.822 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 17405

Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.6

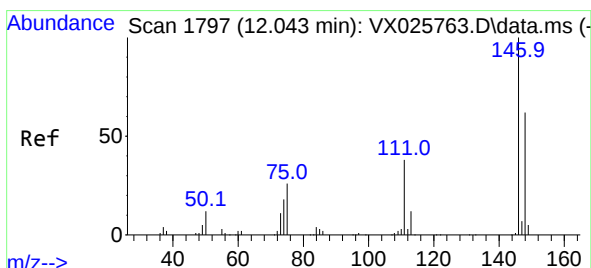
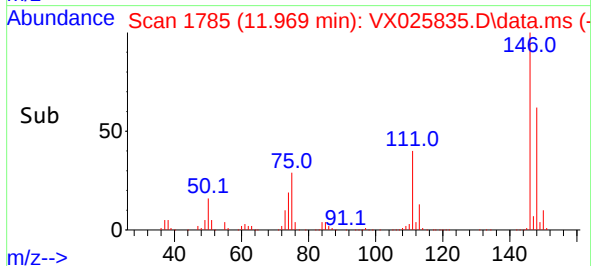
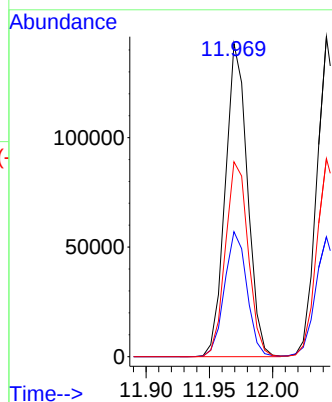
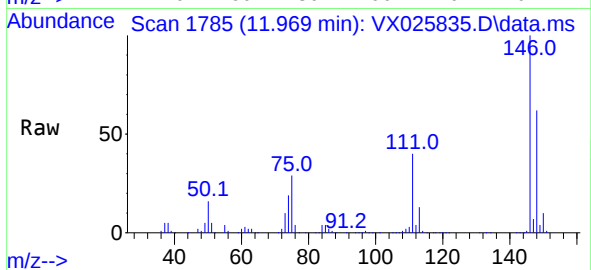
148 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#88

1,4-Dichlorobenzene

Concen: 47.188 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

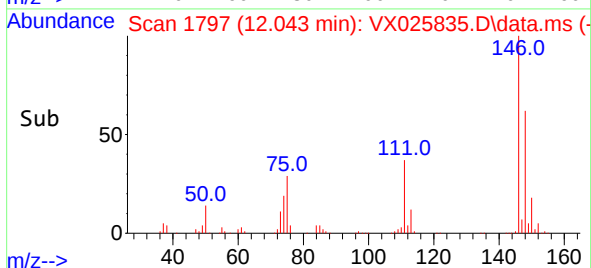
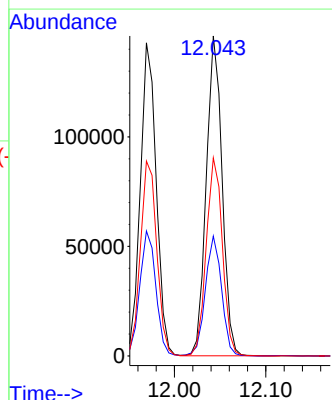
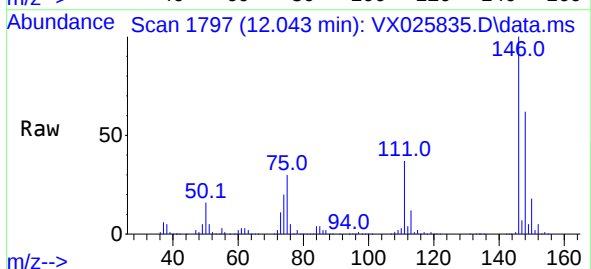
Tgt Ion:146 Resp: 175346

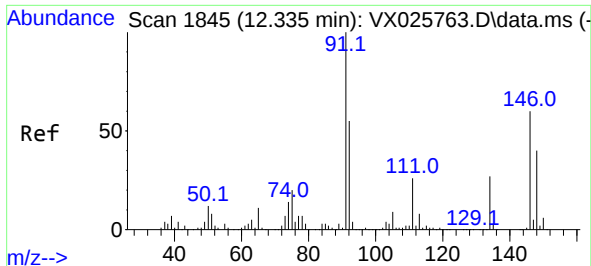
Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 63.4 31.9 95.7





#89
n-Butylbenzene
Concen: 51.185 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

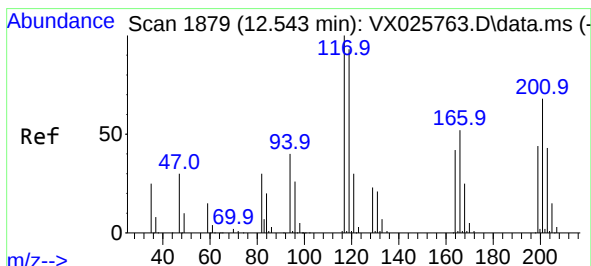
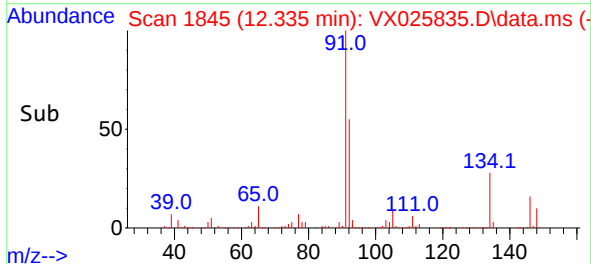
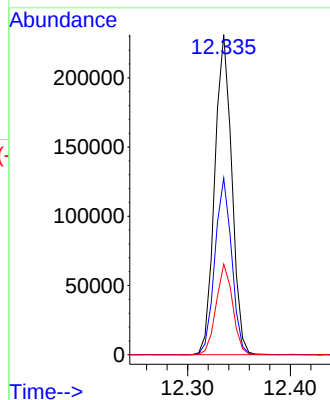
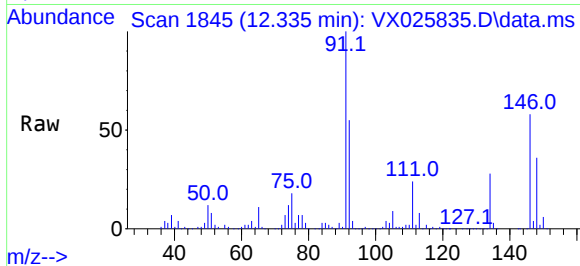
VSTDCCC050

Tgt Ion: 91 Resp: 26681
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.8
134 27.4 13.5 40.4

Manual Integrations

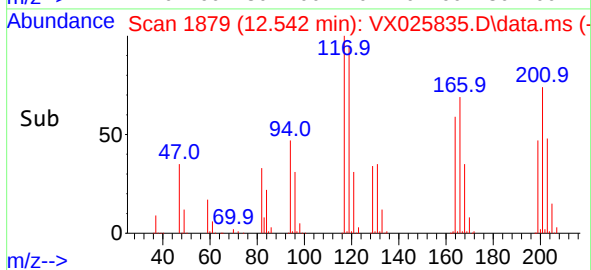
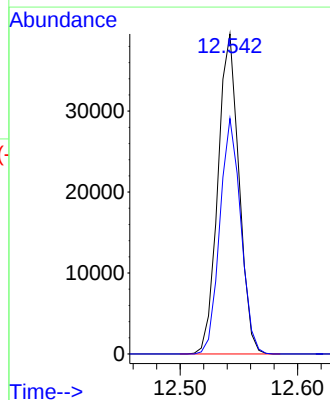
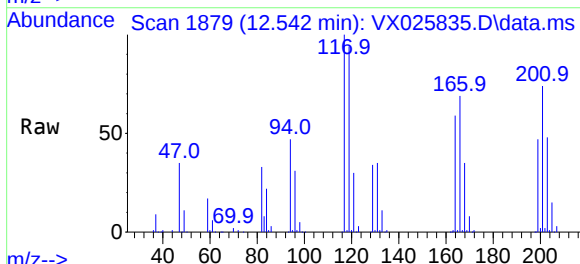
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 40.172 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

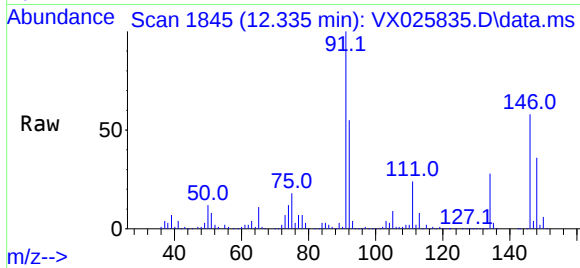
Tgt Ion:117 Resp: 49338
Ion Ratio Lower Upper
117 100
201 73.2 35.4 106.3





#91
1,2-Dichlorobenzene
Concen: 48.991 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

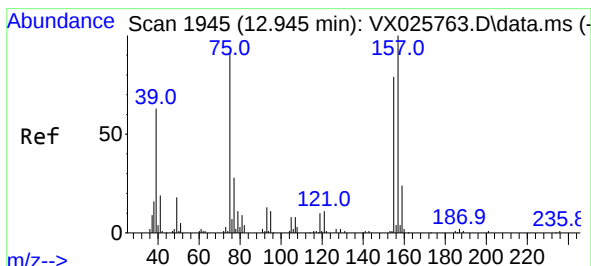
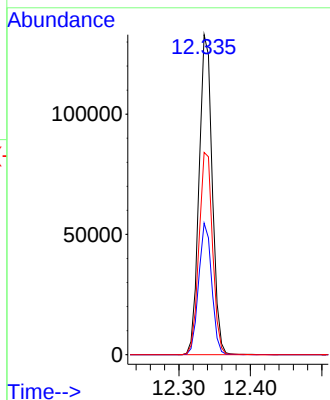
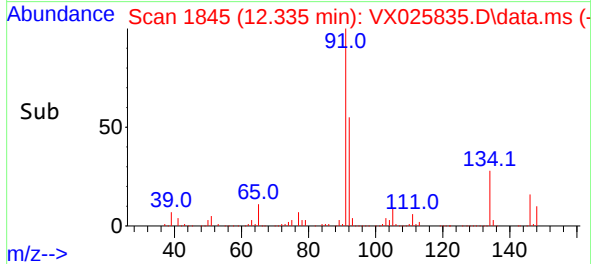
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



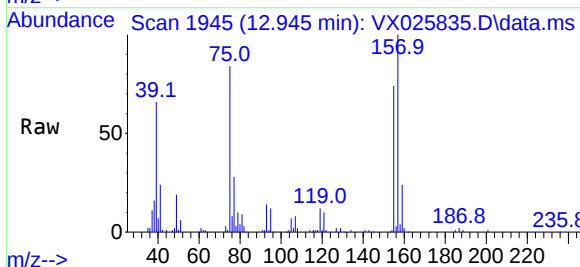
Tgt Ion:146 Resp: 170280
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.9
148 64.9 31.9 95.7

Manual Integrations
APPROVED

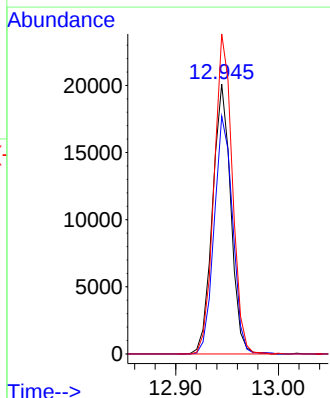
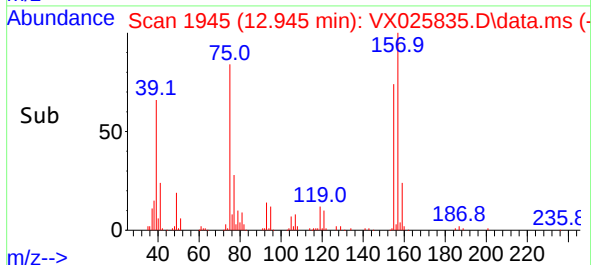
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

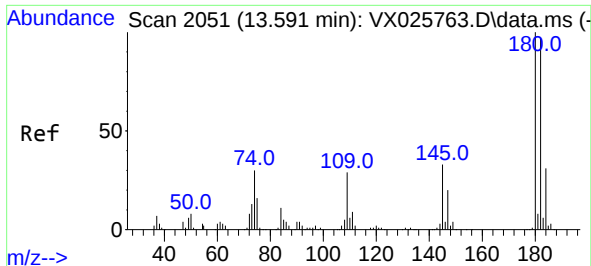


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.518 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion: 75 Resp: 24763
Ion Ratio Lower Upper
75 100
155 88.8 44.0 131.8
157 118.3 55.5 166.5





#93
1,2,4-Trichlorobenzene
Concen: 47.881 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

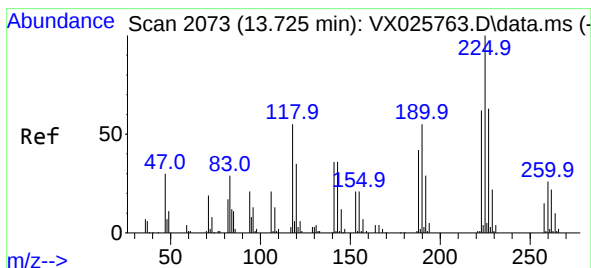
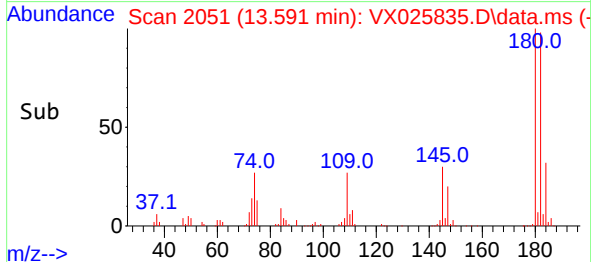
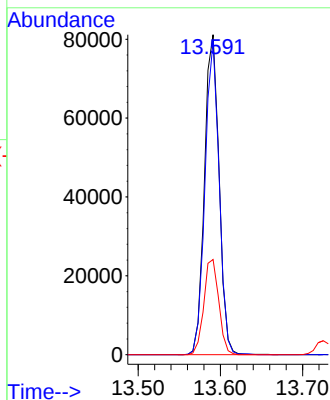
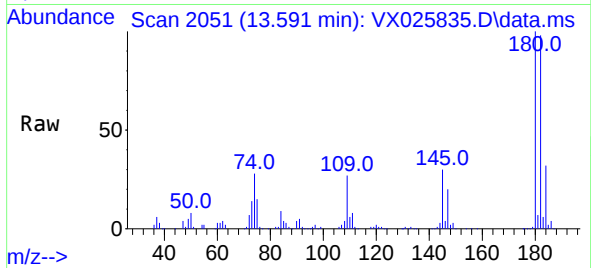
VSTDCCC050

Tgt Ion:180 Resp: 99962
Ion Ratio Lower Upper
180 100
182 95.1 47.2 141.6
145 30.5 16.3 48.9

Manual Integrations

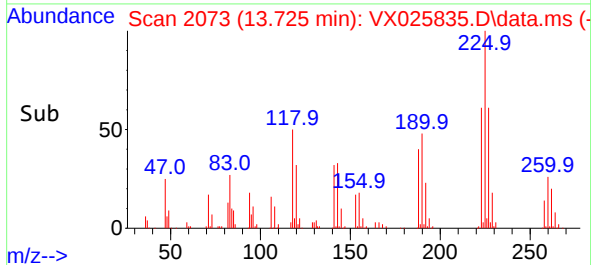
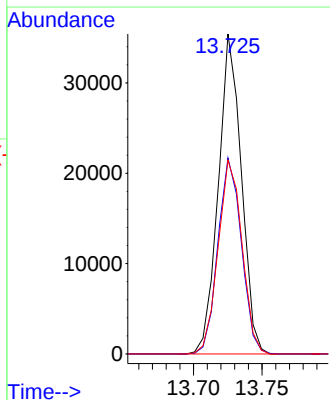
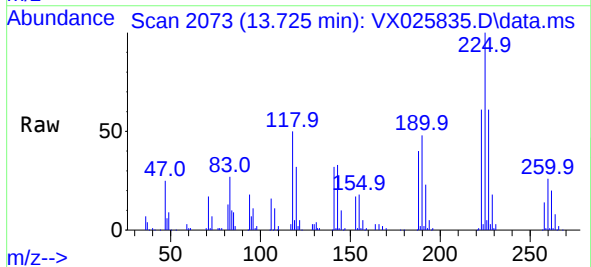
APPROVED

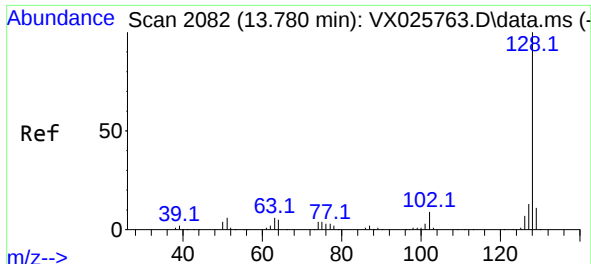
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#94
Hexachlorobutadiene
Concen: 55.839 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Tgt Ion:225 Resp: 41284
Ion Ratio Lower Upper
225 100
223 62.5 31.6 95.0
227 62.8 32.5 97.5





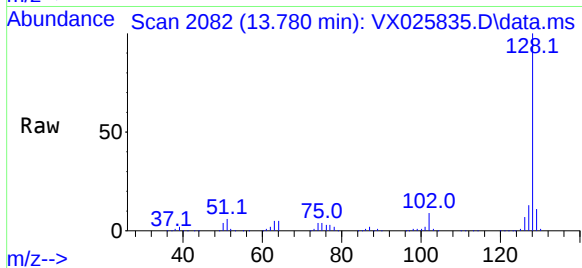
#95
Naphthalene
Concen: 47.970 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

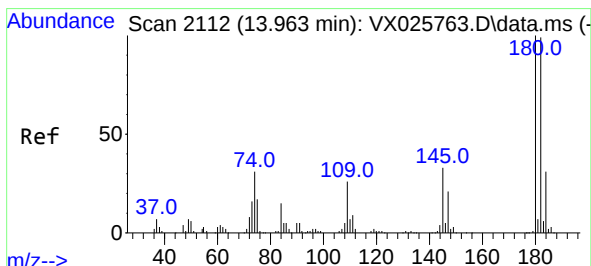
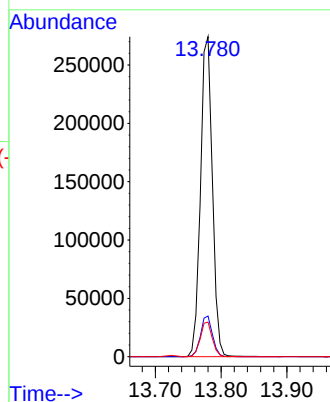
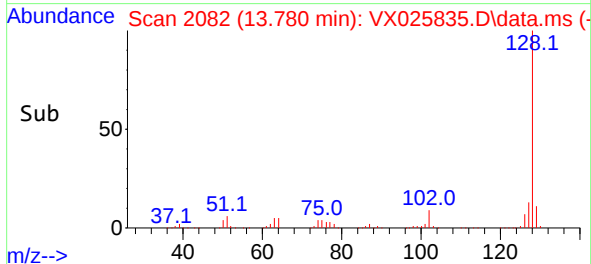


Tgt Ion:128 Resp: 343084
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

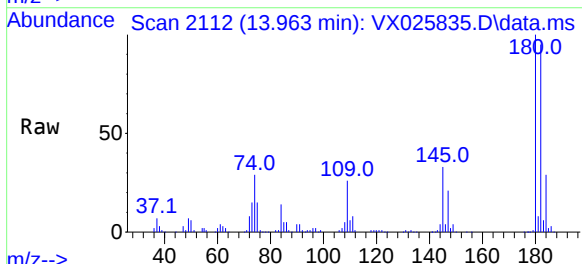
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.649 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025835.D
Acq: 16 Dec 2021 00:05



Tgt Ion:180 Resp: 100688
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 34.2 16.7 50.1

