

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025833.D
 Acq On : 15 Dec 2021 22:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 07:32:47 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71061	43.684	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.360%		
35) Dibromofluoromethane	5.391	113	60366	46.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.653	98	224407	47.515	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.020%		
62) 4-Bromofluorobenzene	11.085	95	85195	47.487	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57230	56.601	ug/l	98
3) Chloromethane	1.295	50	62247	47.278	ug/l	94
4) Vinyl Chloride	1.374	62	68565	48.959	ug/l	100
5) Bromomethane	1.599	94	42246	42.247	ug/l	97
6) Chloroethane	1.679	64	46264	45.610	ug/l	98
7) Trichlorofluoromethane	1.886	101	111977	48.406	ug/l	96
8) Diethyl Ether	2.136	74	41251	45.206	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	58535	48.626	ug/l	99
10) Methyl Iodide	2.453	142	74458	48.545	ug/l	99
11) Tert butyl alcohol	2.971	59	65969	202.167	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55261	46.171	ug/l	98
13) Acrolein	2.239	56	59373	266.197	ug/l	99
14) Allyl chloride	2.666	41	95795	43.854	ug/l	99
15) Acrylonitrile	3.069	53	177528	233.049	ug/l	99
16) Acetone	2.386	43	156144	219.265	ug/l	98
17) Carbon Disulfide	2.514	76	137371	40.069	ug/l	100
18) Methyl Acetate	2.709	43	116140	46.844	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	198188	46.882	ug/l	100
20) Methylene Chloride	2.788	84	65962	47.276	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	64027	47.934	ug/l	97
22) Diisopropyl ether	3.770	45	202603	47.815	ug/l	89
23) Vinyl Acetate	3.727	43	786954	240.006	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113308	46.834	ug/l	98
25) 2-Butanone	4.562	43	253040	231.280	ug/l	100
26) 2,2-Dichloropropane	4.483	77	70587	38.466	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	73359	46.318	ug/l	99
28) Bromochloromethane	4.904	49	52466	48.122	ug/l	100
29) Tetrahydrofuran	5.013	42	165089	237.328	ug/l	100
30) Chloroform	5.099	83	122017	45.984	ug/l	96
31) Cyclohexane	5.477	56	102760	51.946	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	106631	46.173	ug/l	99
36) 1,1-Dichloropropene	5.696	75	88186	50.167	ug/l	99
37) Ethyl Acetate	4.721	43	96036	49.173	ug/l	99
38) Carbon Tetrachloride	5.678	117	93077	45.508	ug/l	97
39) Methylcyclohexane	7.385	83	103960	52.855	ug/l	98
40) Benzene	6.044	78	261700	49.908	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53887	49.857	ug/l	98
42) 1,2-Dichloroethane	6.092	62	96521	48.432	ug/l	100
43) Isopropyl Acetate	6.348	43	151188	48.049	ug/l	99
44) Trichloroethene	7.129	130	72867	49.914	ug/l	96
45) 1,2-Dichloropropane	7.434	63	65350	49.445	ug/l	96
46) Dibromomethane	7.586	93	48314	46.956	ug/l	98
47) Bromodichloromethane	7.824	83	91312	45.027	ug/l	98
48) Methyl methacrylate	7.696	41	73427	49.555	ug/l	100
49) 1,4-Dioxane	7.665	88	33025	1020.931	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	518599	251.775	ug/l	100
52) Toluene	8.720	92	173351	51.884	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	87278	45.151	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	99959	47.261	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	69856	48.754	ug/l	96
56) Ethyl methacrylate	9.122	69	105079	51.066	ug/l	99
57) 1,3-Dichloropropane	9.311	76	115807	49.275	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	262094	260.096	ug/l	100
59) 2-Hexanone	9.433	43	397481	254.690	ug/l	99
60) Dibromochloromethane	9.525	129	72211	44.405	ug/l	97
61) 1,2-Dibromoethane	9.610	107	75110	48.347	ug/l	99
64) Tetrachloroethene	9.275	164	65244	45.614	ug/l	98
65) Chlorobenzene	10.080	112	186580	49.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	67394	46.173	ug/l	98
67) Ethyl Benzene	10.195	91	329612	52.148	ug/l	99
68) m/p-Xylenes	10.305	106	260243	105.810	ug/l	100
69) o-Xylene	10.646	106	127697	52.777	ug/l	100
70) Styrene	10.659	104	214295	53.225	ug/l	99
71) Bromoform	10.805	173	51768	43.054	ug/l #	99
73) Isopropylbenzene	10.964	105	331742	49.693	ug/l	100
74) N-amyl acetate	10.848	43	136579	50.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	111124	47.760	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	94050m	44.626	ug/l	
77) Bromobenzene	11.201	156	82815	48.362	ug/l	98
78) n-propylbenzene	11.305	91	383480	50.784	ug/l	100
79) 2-Chlorotoluene	11.366	91	230460	47.994	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	280925	50.738	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	25074	36.885	ug/l	89
82) 4-Chlorotoluene	11.457	91	263328	48.972	ug/l	99
83) tert-Butylbenzene	11.719	119	278746	51.362	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	281833	50.955	ug/l	99
85) sec-Butylbenzene	11.890	105	345657	52.989	ug/l	100
86) p-Isopropyltoluene	12.012	119	291177	53.151	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	155536	48.749	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	158269	48.586	ug/l	99
89) n-Butylbenzene	12.335	91	239882	52.494	ug/l	99
90) Hexachloroethane	12.542	117	43627	40.521	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	152993	50.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21829	41.750	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	87561	47.846	ug/l	100
94) Hexachlorobutadiene	13.725	225	35697	55.077	ug/l	98
95) Naphthalene	13.780	128	302412	48.220	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	89473	49.274	ug/l	99

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VSTDCCC050EC

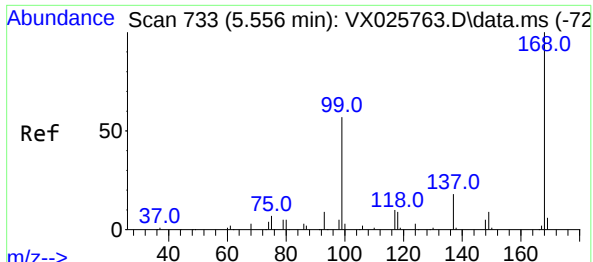
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025833.D
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Instrument :

MSVOA_X

ClientSampleId :

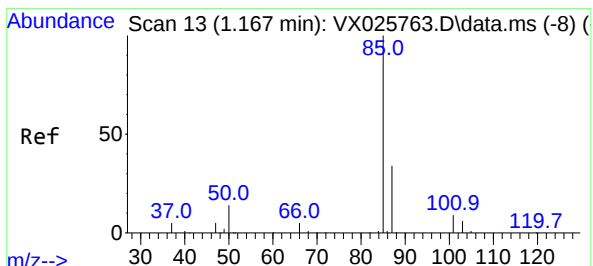
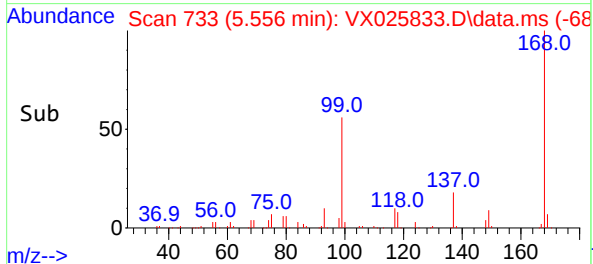
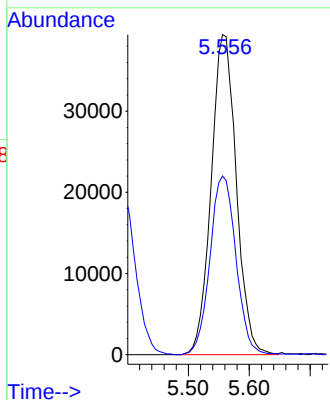
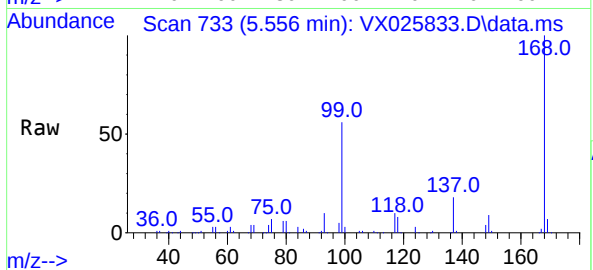
VSTDCCC050EC

Tgt Ion:168 Resp: 11305
Ion Ratio Lower Upper
168 100
99 55.8 45.8 68.8

Manual Integrations

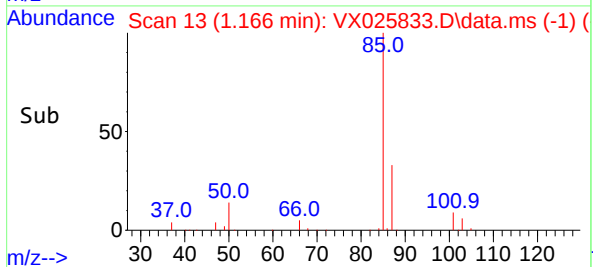
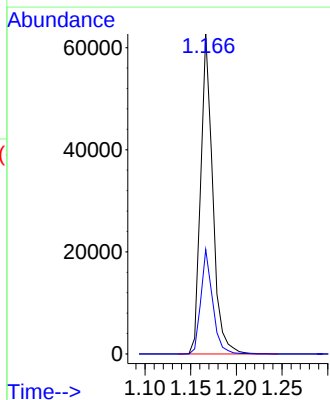
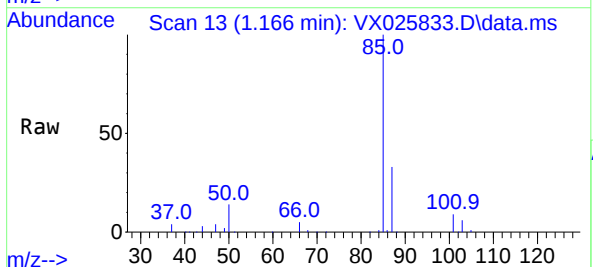
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#2
Dichlorodifluoromethane
Concen: 56.601 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

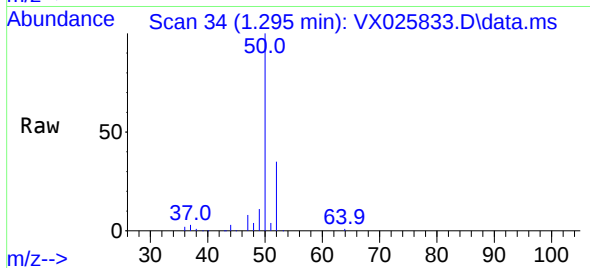
Tgt Ion: 85 Resp: 57230
Ion Ratio Lower Upper
85 100
87 32.6 17.0 50.9





#3
Chloromethane
Concen: 47.278 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

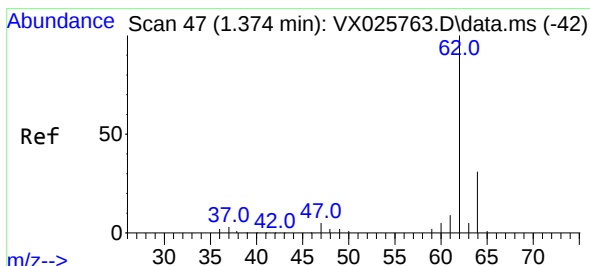
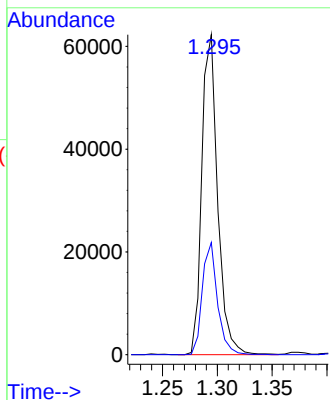
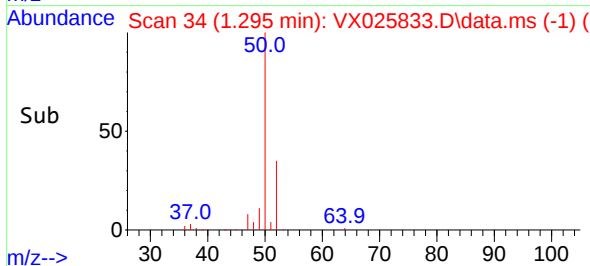
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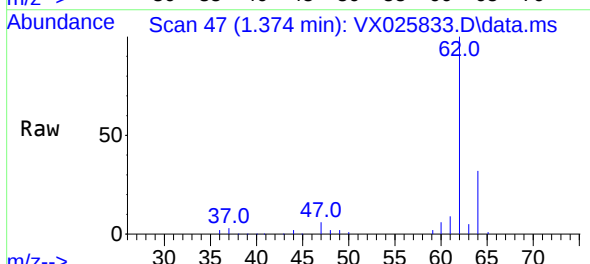
Tgt Ion: 50 Resp: 6224
Ion Ratio Lower Upper
50 100
52 35.0 25.4 38.0

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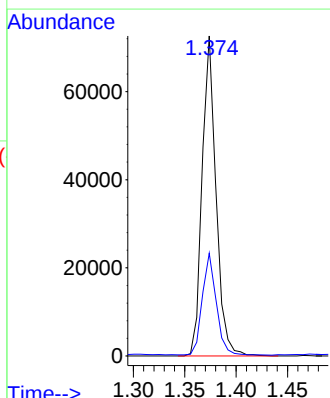
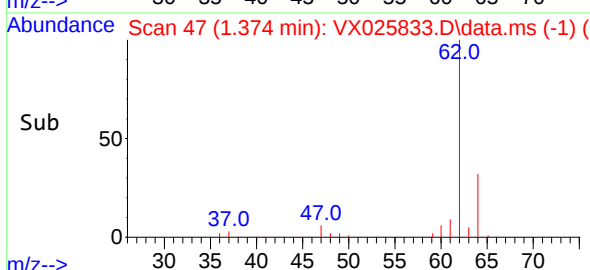
Reviewed By :John Carlone 12/16/2021
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#4
Vinyl Chloride
Concen: 48.959 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



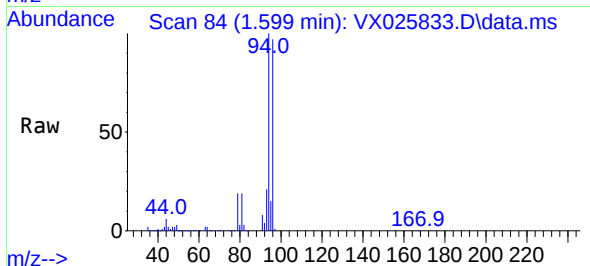
Tgt Ion: 62 Resp: 68565
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5
Bromomethane
Concen: 42.247 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

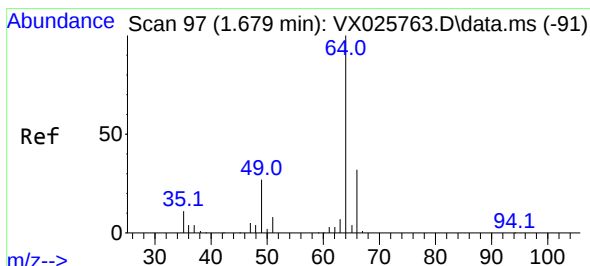
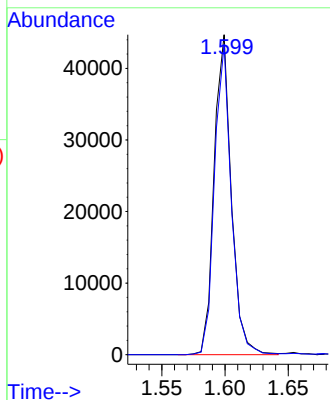
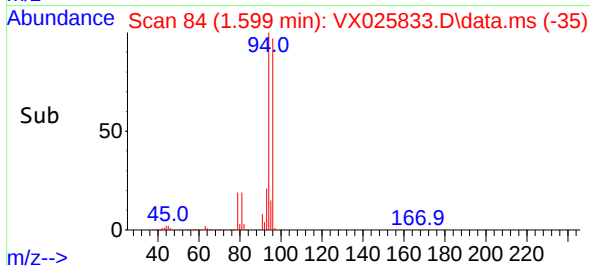
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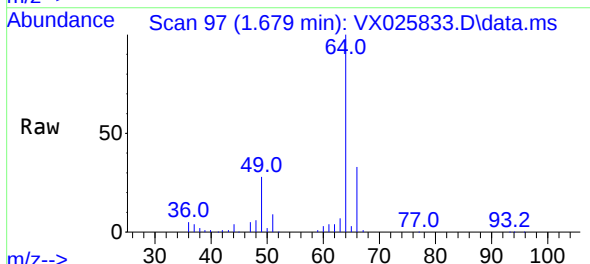
Tgt Ion: 94 Resp: 42240
Ion Ratio Lower Upper
94 100
96 96.9 75.0 112.4

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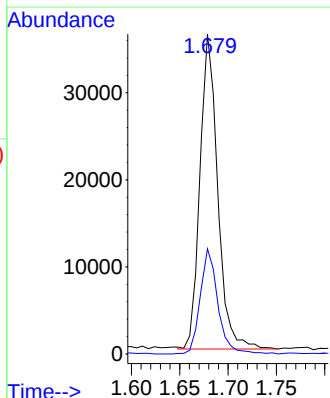
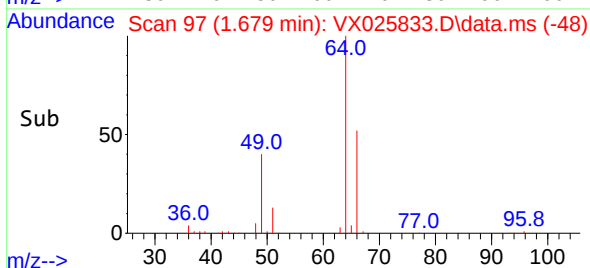
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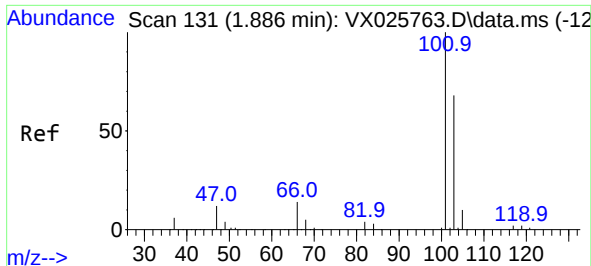


#6
Chloroethane
Concen: 45.610 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



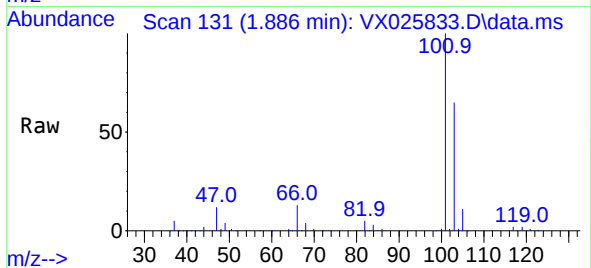
Tgt Ion: 64 Resp: 46264
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9





#7
Trichlorofluoromethane
Concen: 48.406 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025833.D
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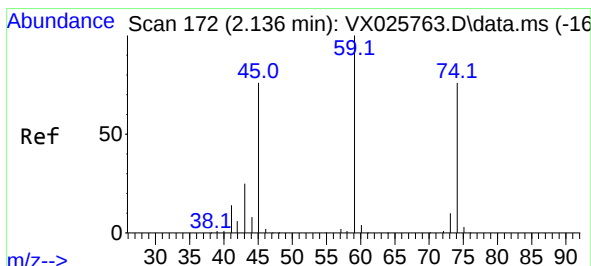
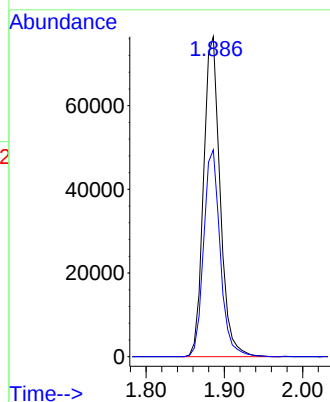
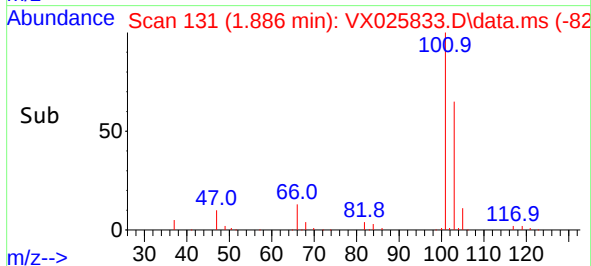
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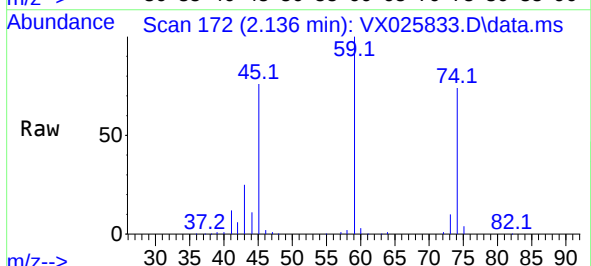
Tgt Ion:101 Resp: 11197
Ion Ratio Lower Upper
101 100
103 64.7 54.1 81.1

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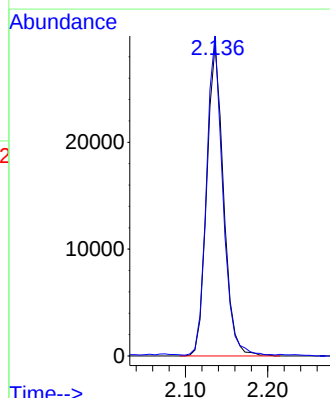
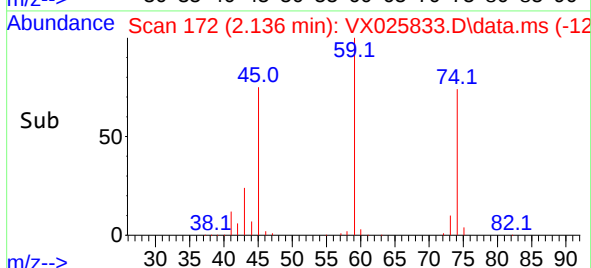
Reviewed By :John Carlone 12/16/2021
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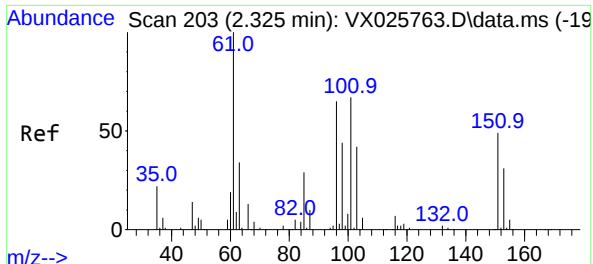


#8
Diethyl Ether
Concen: 45.206 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025833.D
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Tgt Ion: 74 Resp: 41251
Ion Ratio Lower Upper
74 100
45 99.6 50.4 151.2





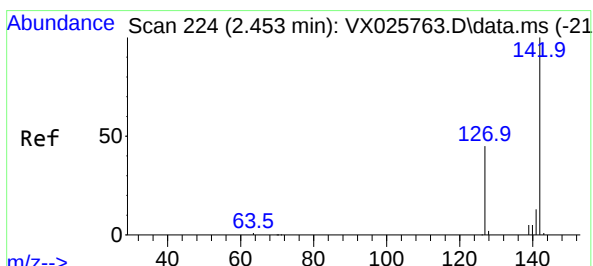
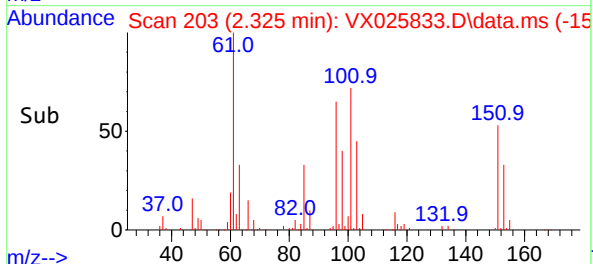
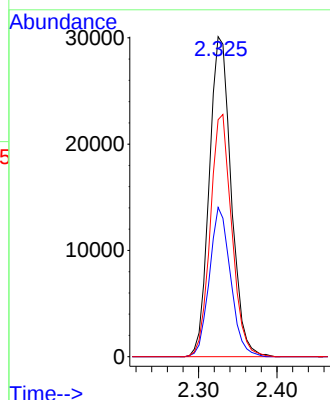
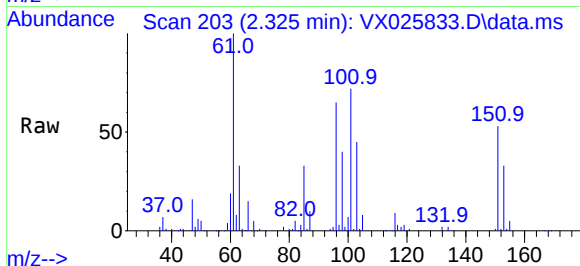
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.626 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025833.D
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Tgt Ion:101 Resp: 5853
Ion Ratio Lower Upper
101 100
85 45.0 36.5 54.7
151 74.4 60.6 90.8

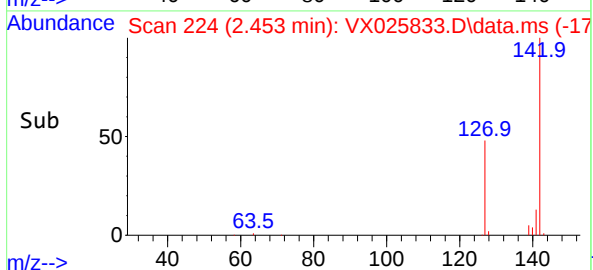
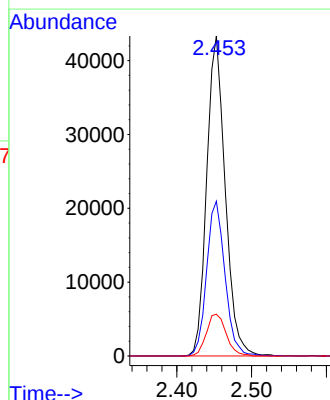
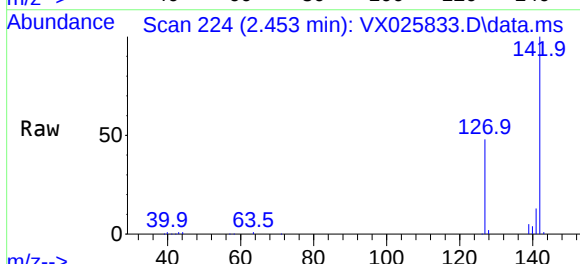
Manual Integrations
APPROVED

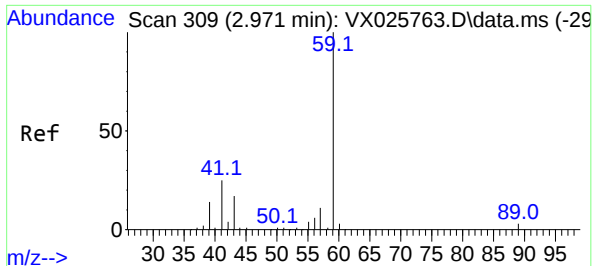
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 48.545 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion:142 Resp: 74458
Ion Ratio Lower Upper
142 100
127 48.0 37.5 56.3
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 202.167 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.000 min

Lab File: VX025833.D

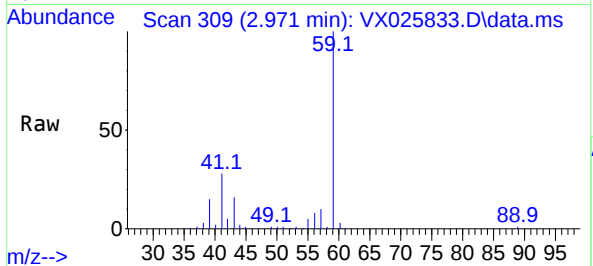
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 65969

Ion Ratio Lower Upper

59 100

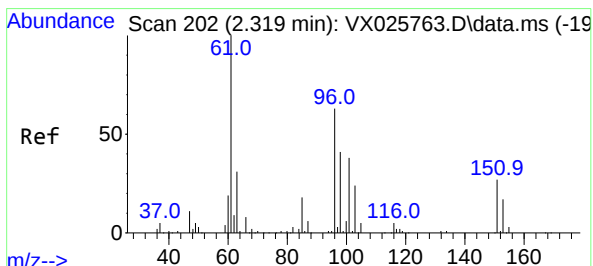
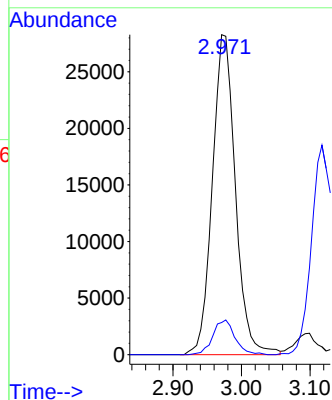
57 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#12

1,1-Dichloroethene

Concen: 46.171 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

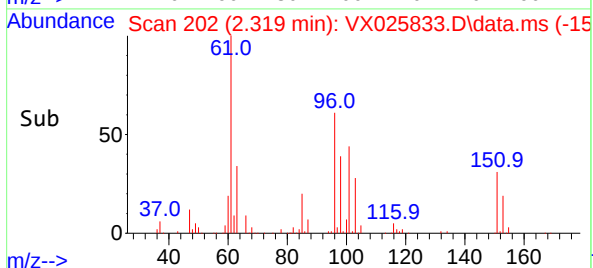
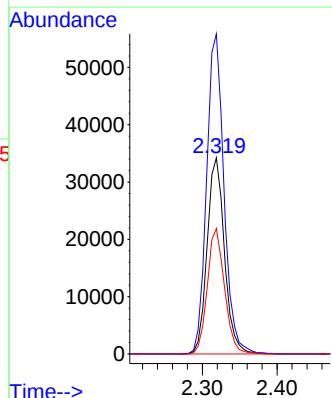
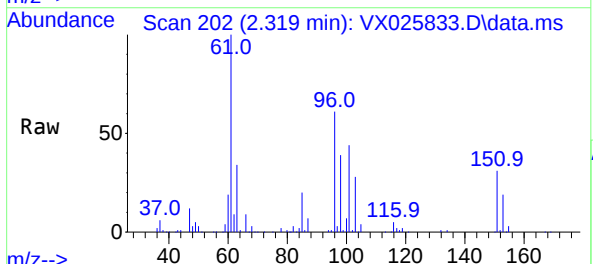
Tgt Ion: 96 Resp: 55261

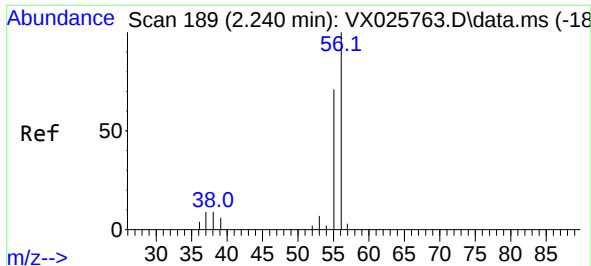
Ion Ratio Lower Upper

96 100

61 163.1 127.5 191.3

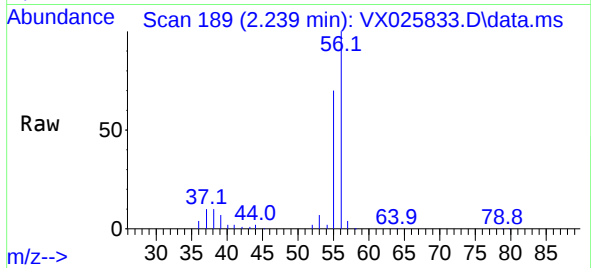
98 64.0 52.0 78.0





#13
Acrolein
Concen: 266.197 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

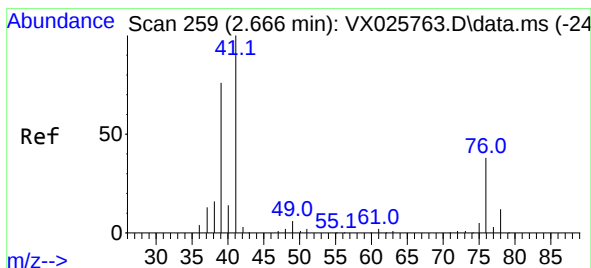
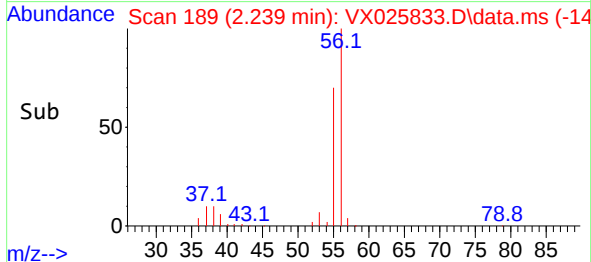
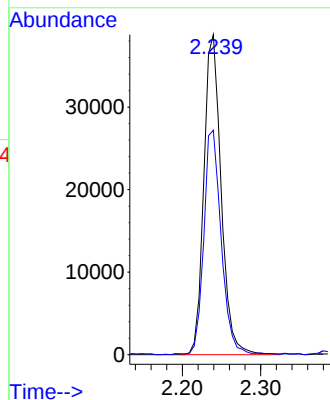
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5937
Ion Ratio Lower Upper
56 100
55 71.2 57.4 86.2

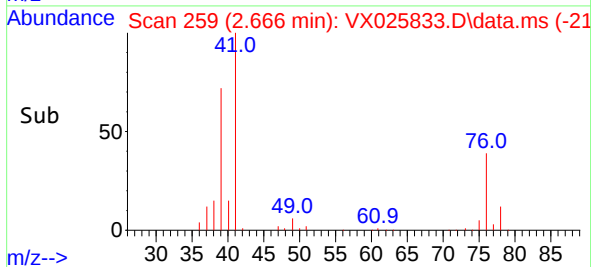
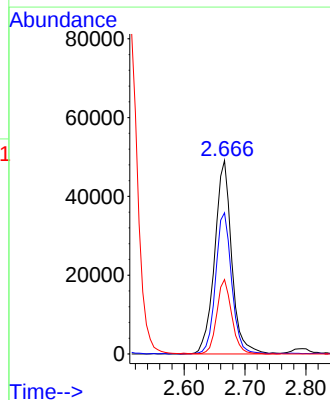
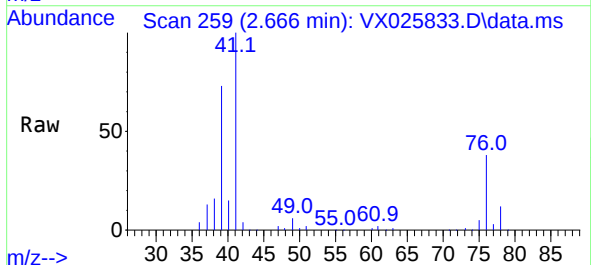
Manual Integrations
APPROVED

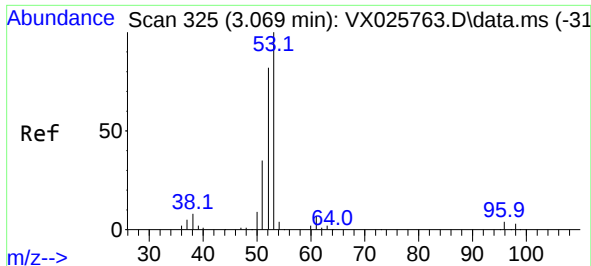
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#14
Allyl chloride
Concen: 43.854 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

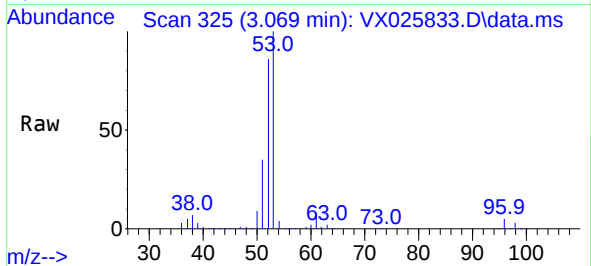
Tgt Ion: 41 Resp: 95795
Ion Ratio Lower Upper
41 100
39 68.7 55.4 83.0
76 33.6 27.6 41.4





#15
Acrylonitrile
Concen: 233.049 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

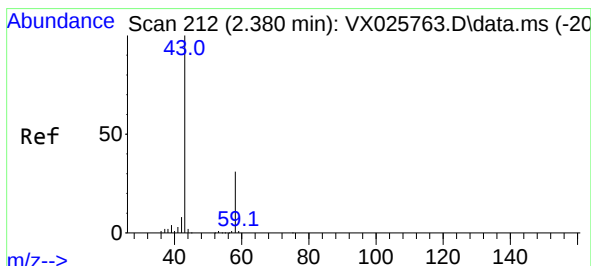
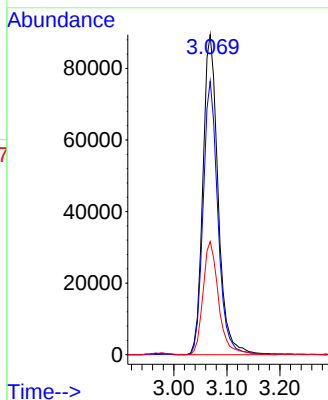
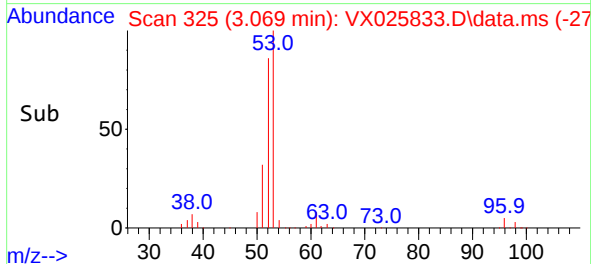
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 177528
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 36.4 29.4 44.0

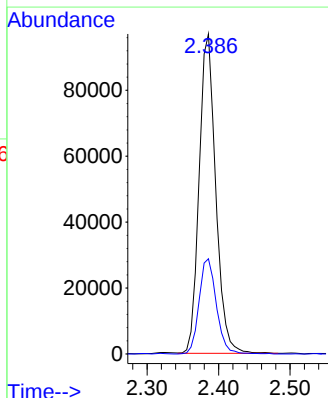
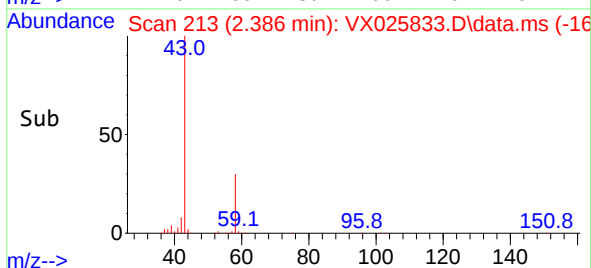
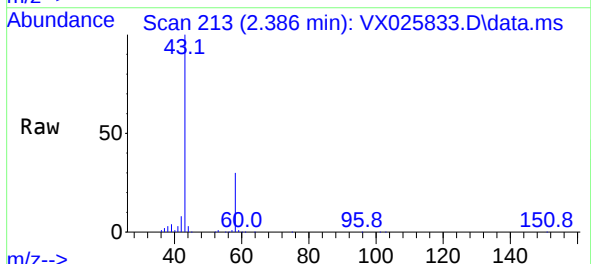
Manual Integrations
APPROVED

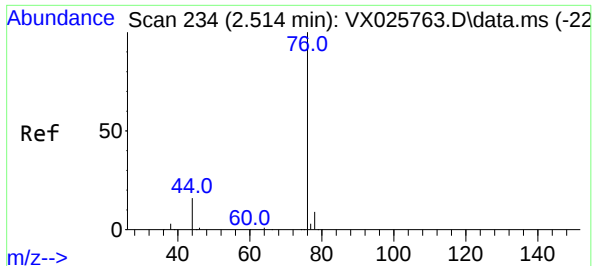
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 219.265 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

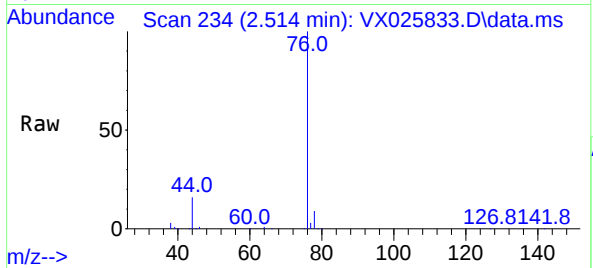
Tgt Ion: 43 Resp: 156144
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





#17
Carbon Disulfide
Concen: 40.069 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

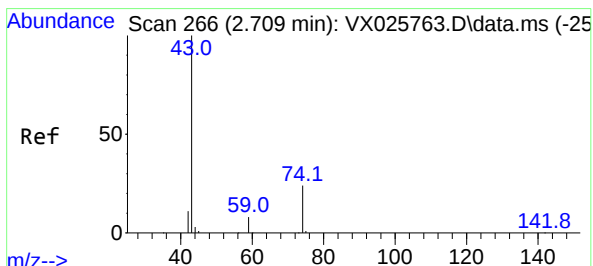
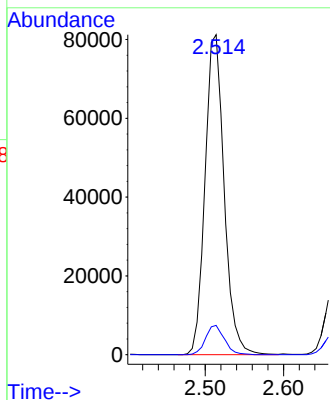
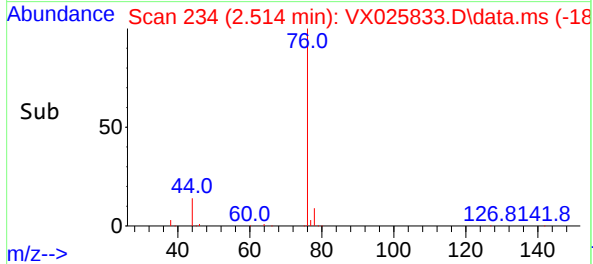
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



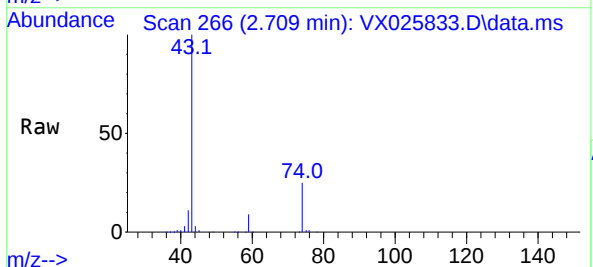
Tgt Ion: 76 Resp: 13737
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

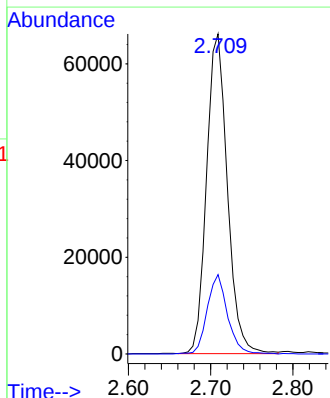
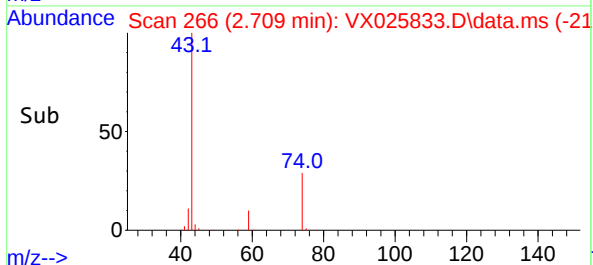
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#18
Methyl Acetate
Concen: 46.844 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



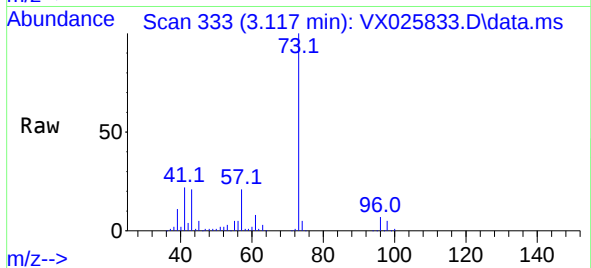
Tgt Ion: 43 Resp: 116140
Ion Ratio Lower Upper
43 100
74 24.3 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 46.882 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

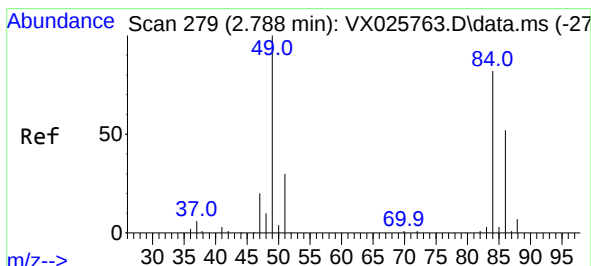
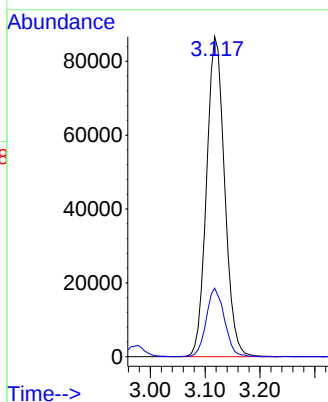
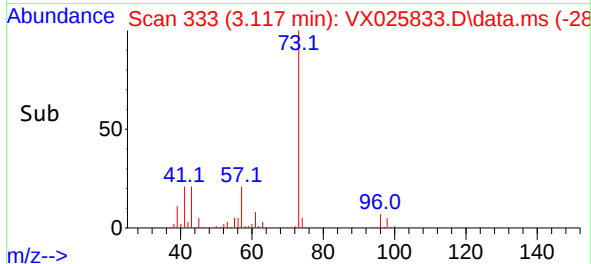
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



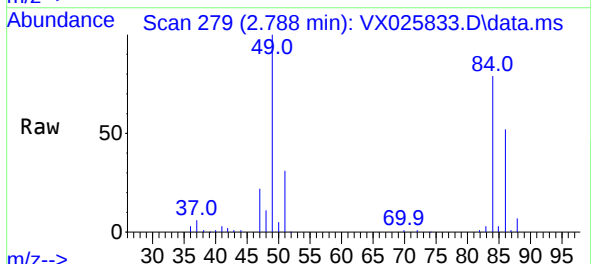
Tgt Ion: 73 Resp: 19818
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6

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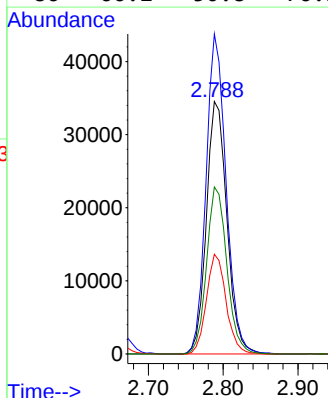
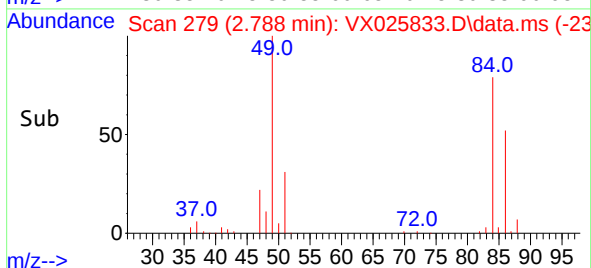
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

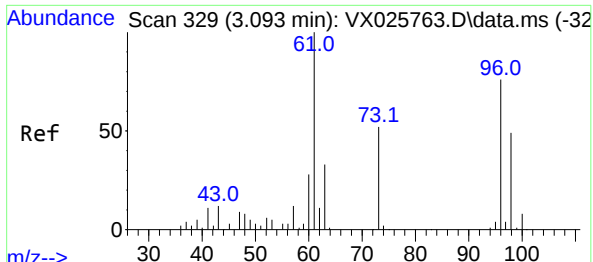


#20
Methylene Chloride
Concen: 47.276 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



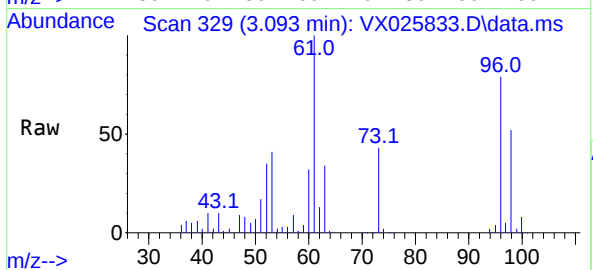
Tgt Ion: 84 Resp: 65962
Ion Ratio Lower Upper
84 100
49 126.7 97.1 145.7
51 39.5 29.3 43.9
86 66.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.934 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

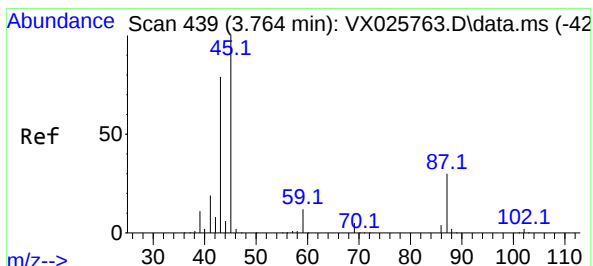
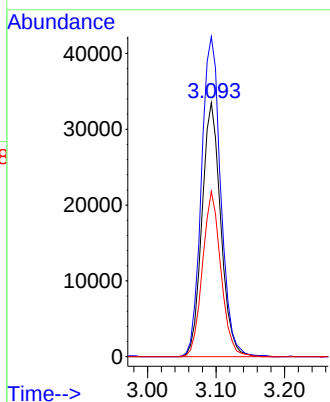
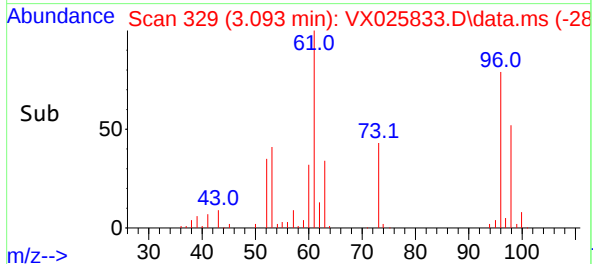
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



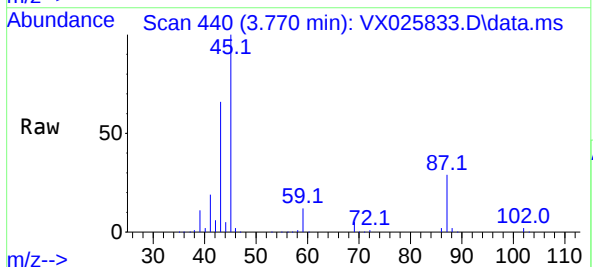
Tgt Ion: 96 Resp: 6402
Ion Ratio Lower Upper
96 100
61 126.0 105.7 158.5
98 65.1 52.1 78.1

Manual Integrations
APPROVED

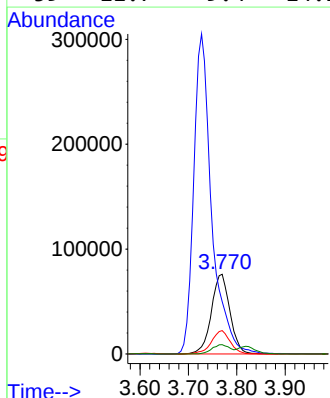
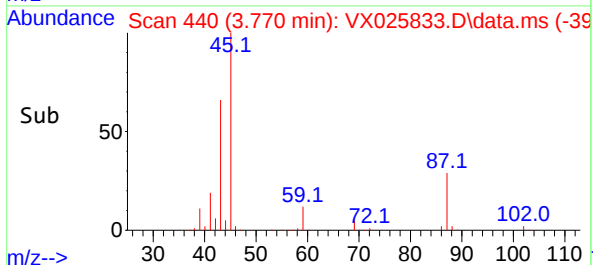
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

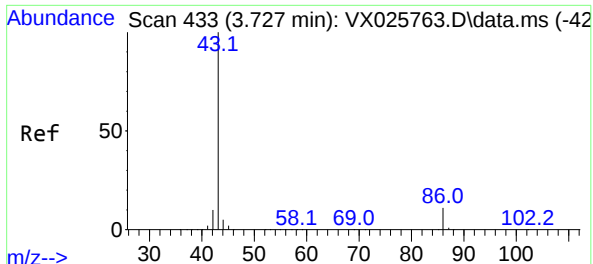


#22
Diisopropyl ether
Concen: 47.815 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



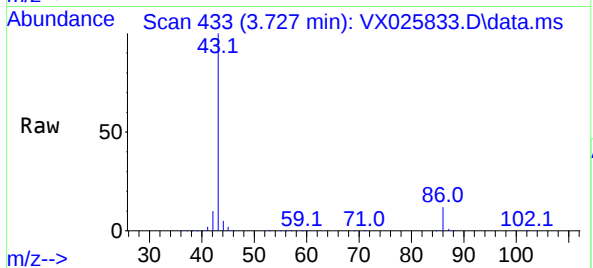
Tgt Ion: 45 Resp: 202603
Ion Ratio Lower Upper
45 100
43 65.1 63.8 95.6
87 29.4 24.2 36.4
59 11.7 9.4 14.2





#23
 Vinyl Acetate
 Concen: 240.006 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025833.D
 Acq: 15 Dec 2021 22:31

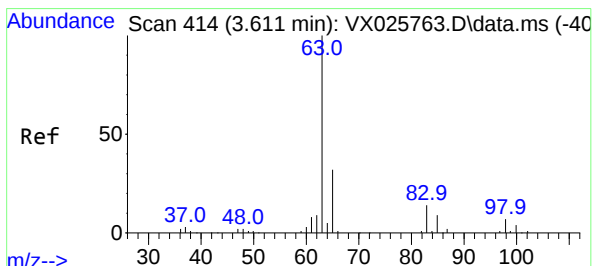
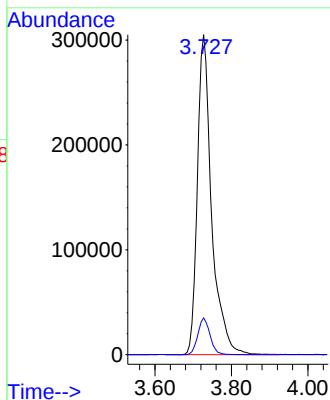
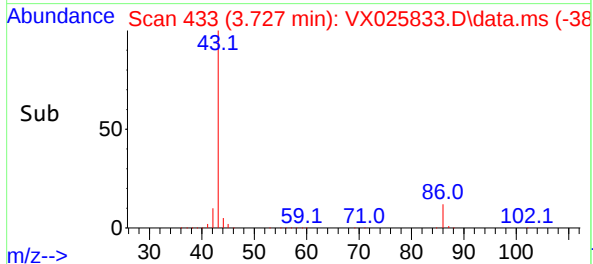
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



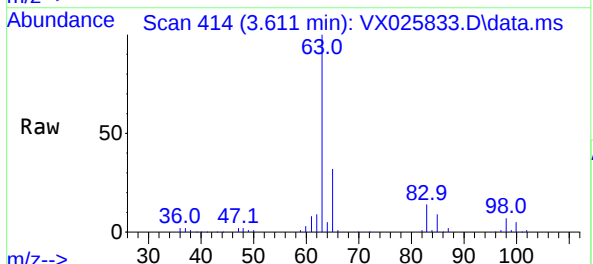
Tgt Ion: 43 Resp: 786954
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.6

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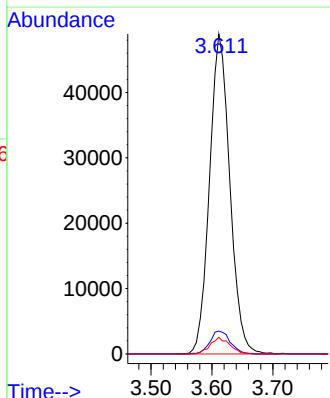
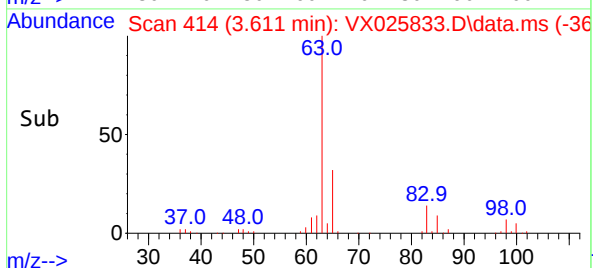
Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021

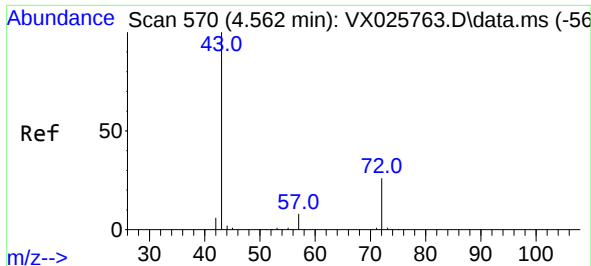


#24
 1,1-Dichloroethane
 Concen: 46.834 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025833.D
 Acq: 15 Dec 2021 22:31



Tgt Ion: 63 Resp: 113308
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 5.2 2.2 6.6





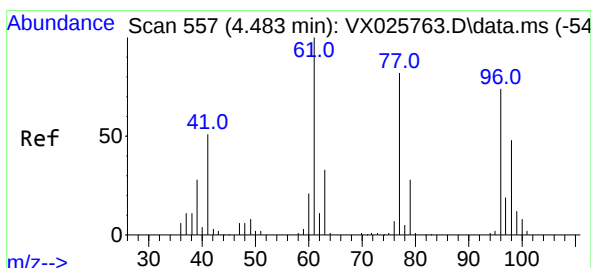
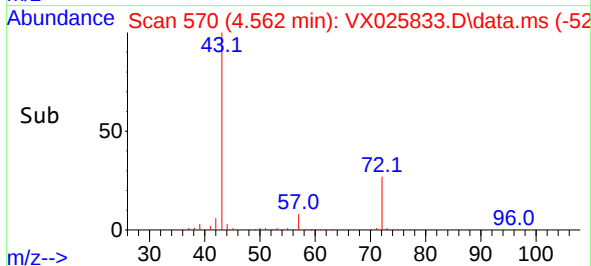
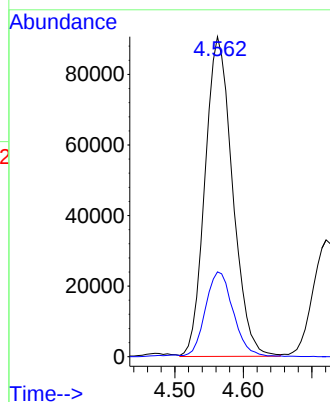
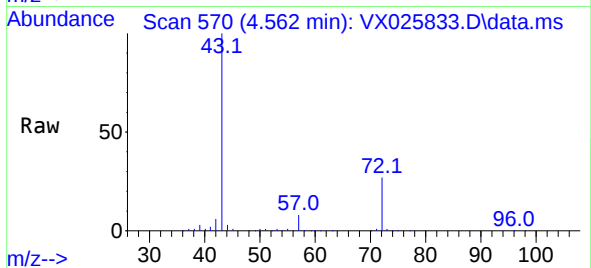
#25
2-Butanone
Concen: 231.280 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 253040
Ion Ratio Lower Upper
43 100
72 26.4 21.0 31.4

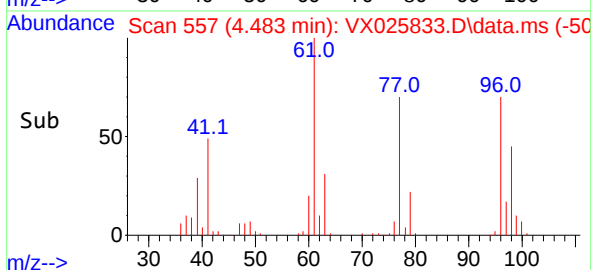
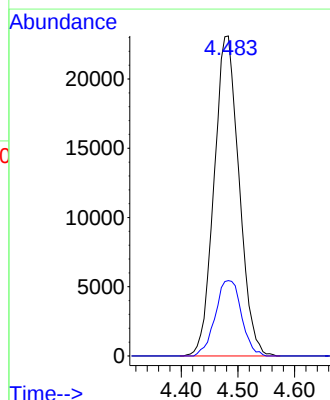
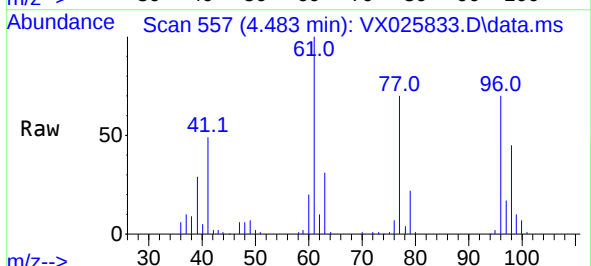
Manual Integrations
APPROVED

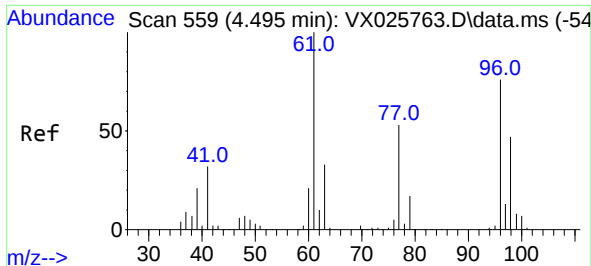
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#26
2,2-Dichloropropane
Concen: 38.466 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

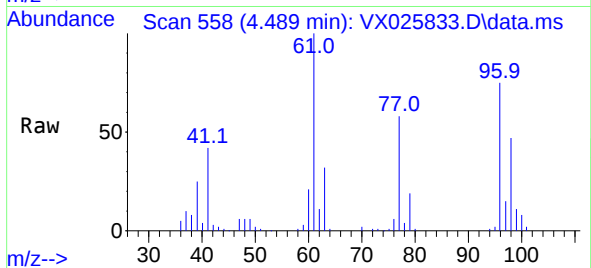
Tgt Ion: 77 Resp: 70587
Ion Ratio Lower Upper
77 100
97 24.7 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 46.318 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

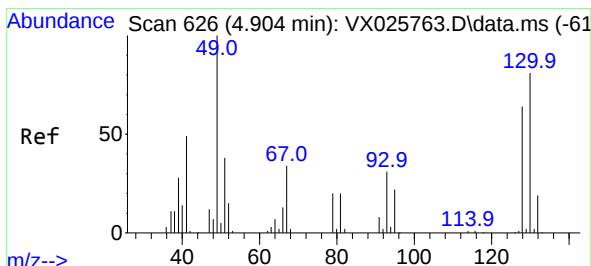
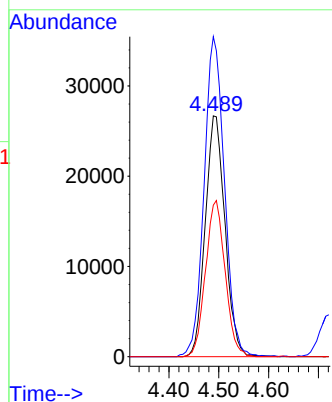
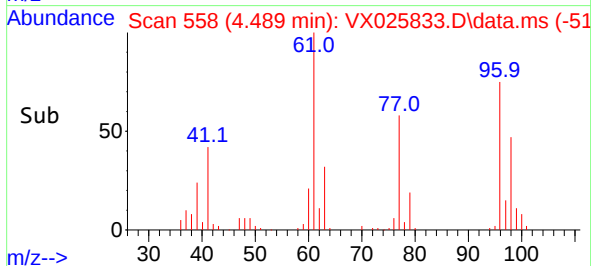
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



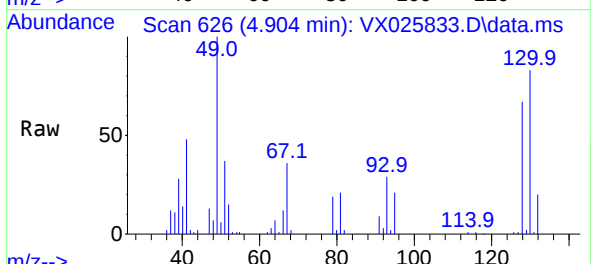
Tgt Ion: 96 Resp: 7335
Ion Ratio Lower Upper
96 100
61 137.0 0.0 276.8
98 64.5 0.0 130.6

Manual Integrations
APPROVED

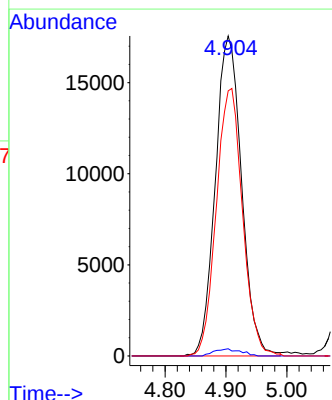
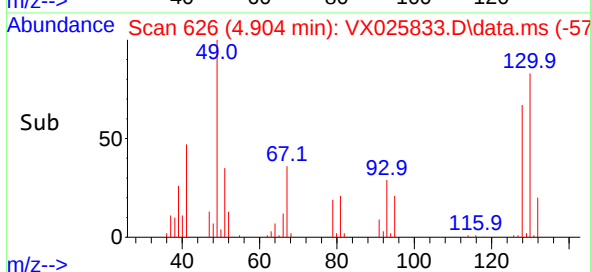
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

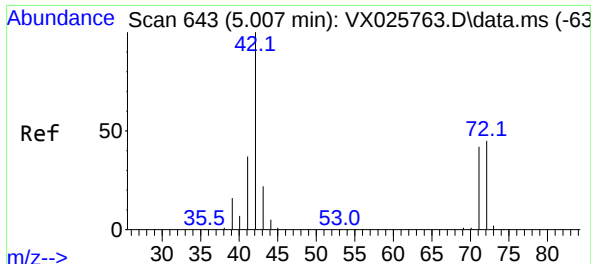


#28
Bromochloromethane
Concen: 48.122 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



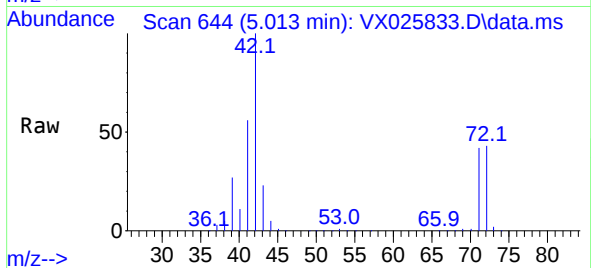
Tgt Ion: 49 Resp: 52466
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 83.6 67.1 100.7





#29
Tetrahydrofuran
Concen: 237.328 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

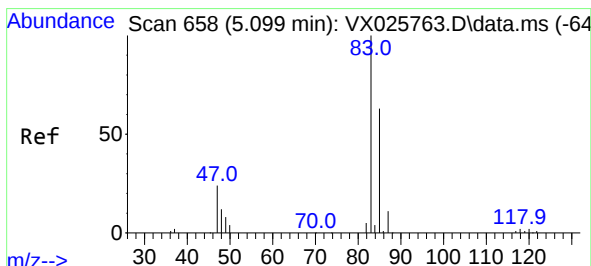
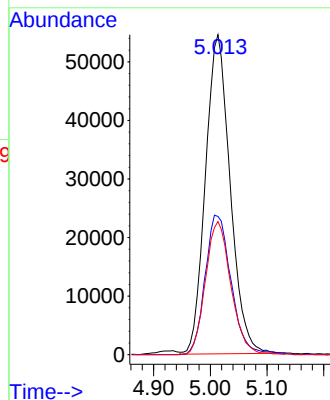
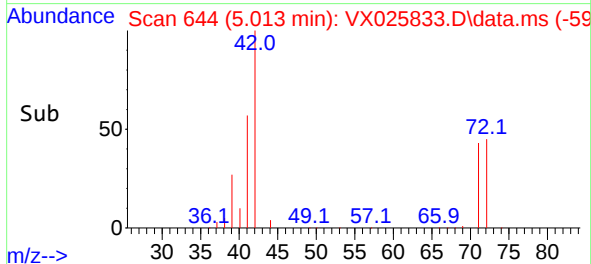
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 165089
Ion Ratio Lower Upper
42 100
72 46.1 37.0 55.6
71 42.8 34.1 51.1

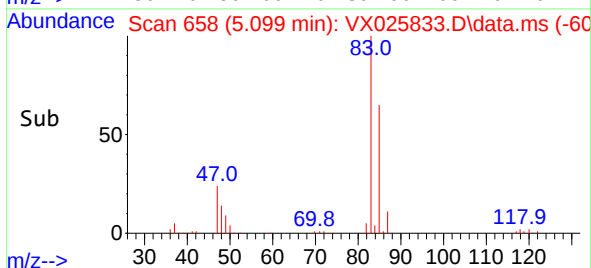
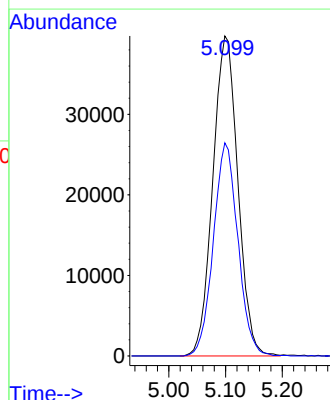
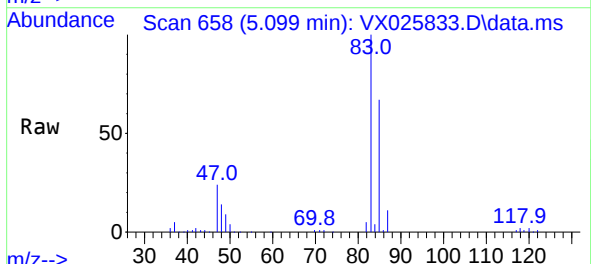
Manual Integrations
APPROVED

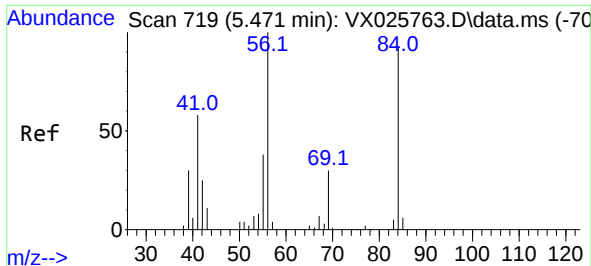
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#30
Chloroform
Concen: 45.984 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

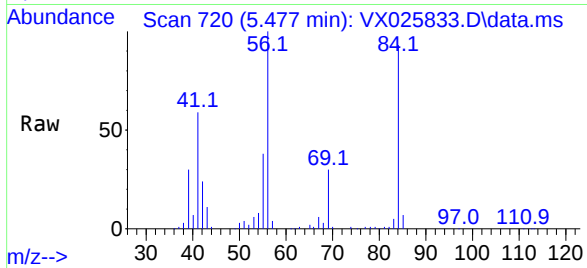
Tgt Ion: 83 Resp: 122017
Ion Ratio Lower Upper
83 100
85 66.6 50.6 75.8





#31
Cyclohexane
Concen: 51.946 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

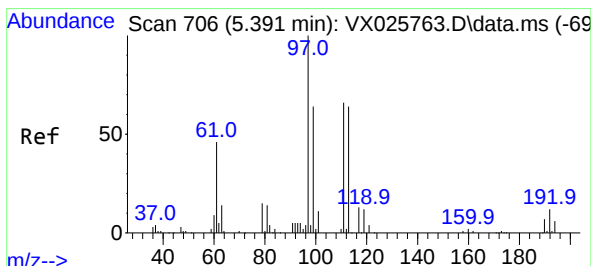
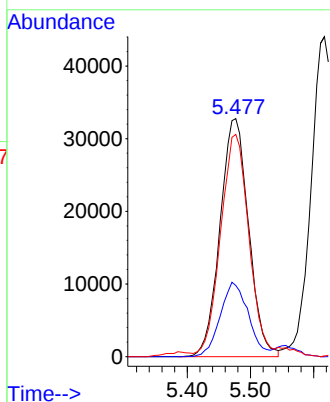
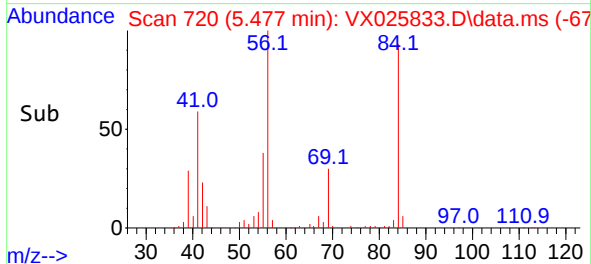
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



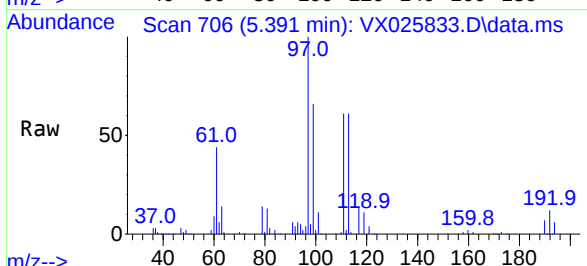
Tgt Ion: 56 Resp: 102760
Ion Ratio Lower Upper
56 100
69 29.9 23.9 35.9
84 91.2 73.2 109.8

Manual Integrations
APPROVED

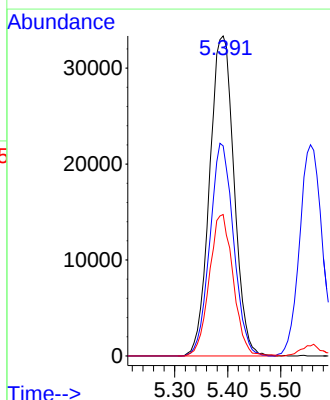
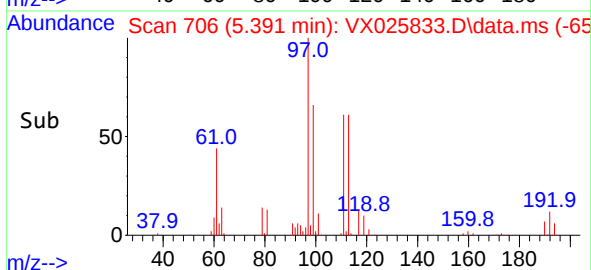
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

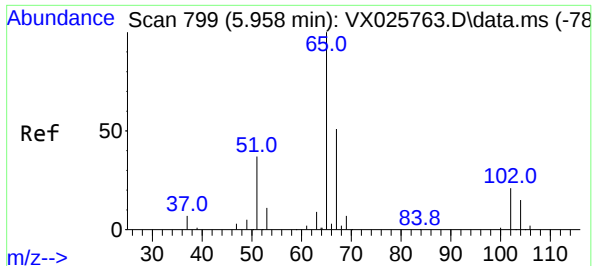


#32
1,1,1-Trichloroethane
Concen: 46.173 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



Tgt Ion: 97 Resp: 106631
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 43.3 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 43.684 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7106

Ion Ratio Lower Upper

65 100

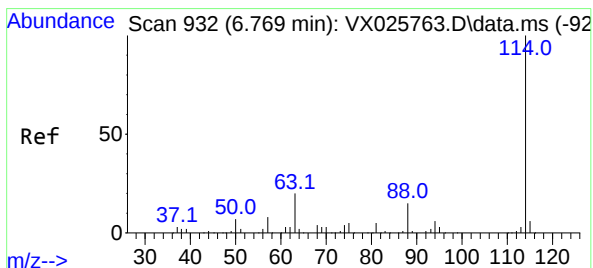
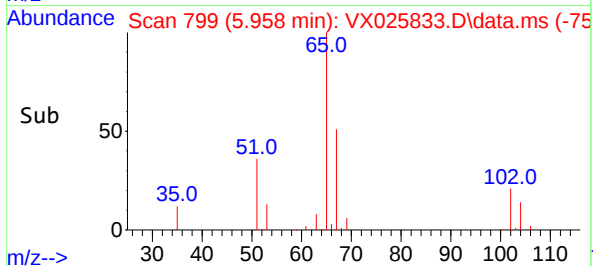
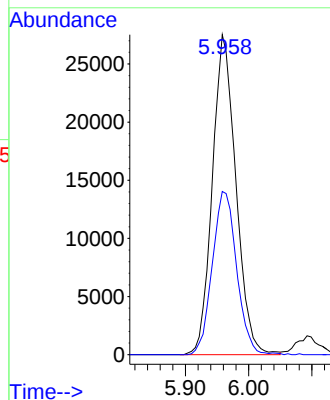
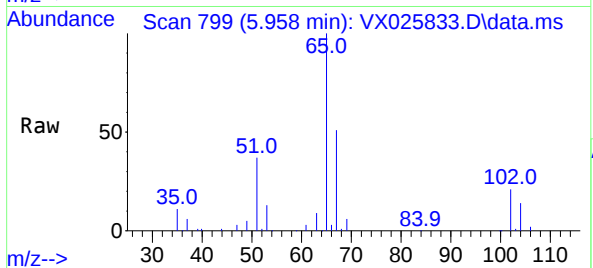
67 52.8 0.0 103.4

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: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

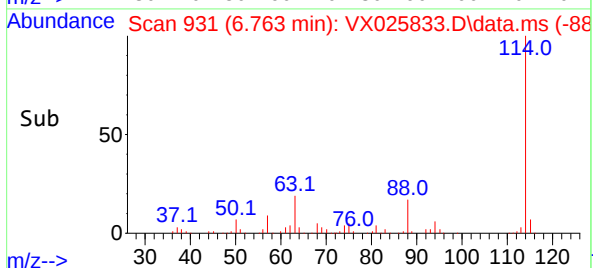
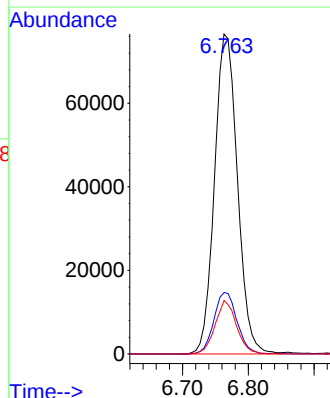
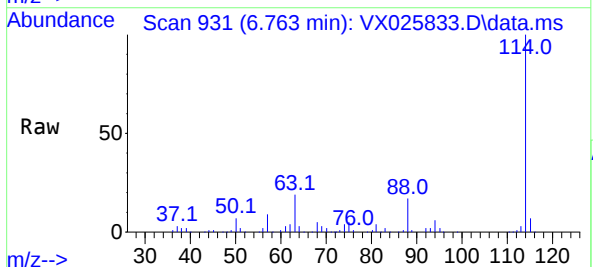
Tgt Ion:114 Resp: 185865

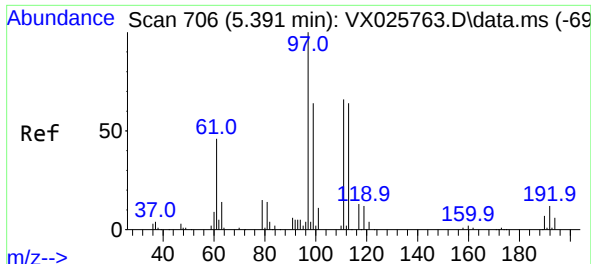
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

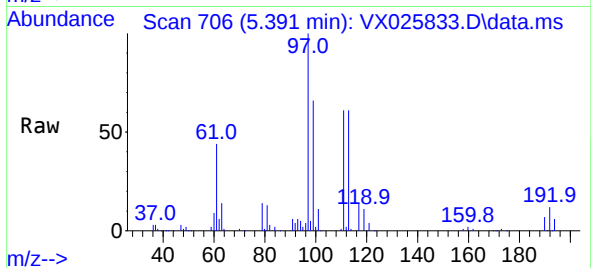
88 16.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 46.570 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

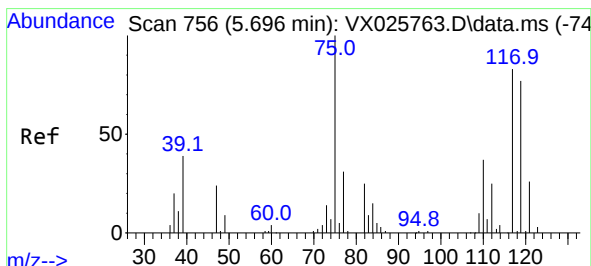
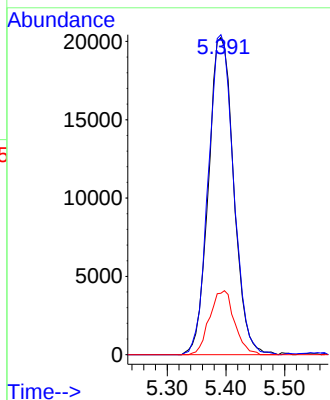
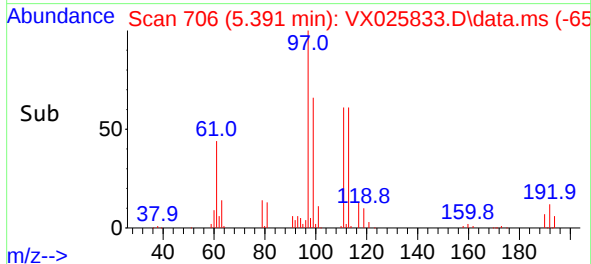
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



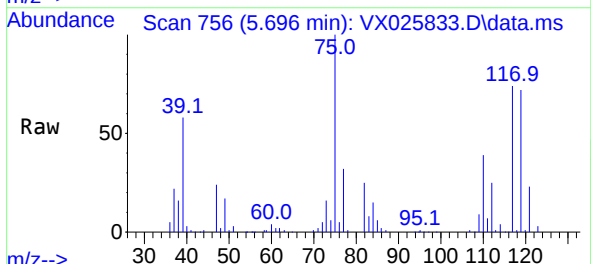
Tgt Ion:113 Resp: 60360
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.8
192 19.9 15.0 22.4

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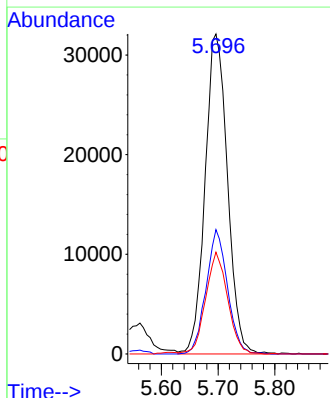
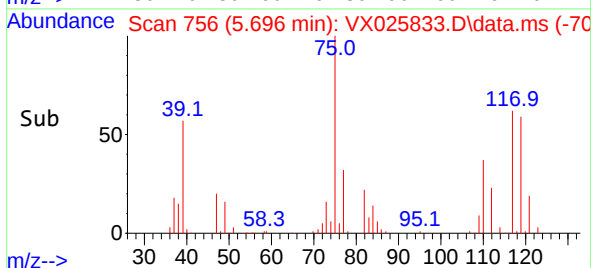
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

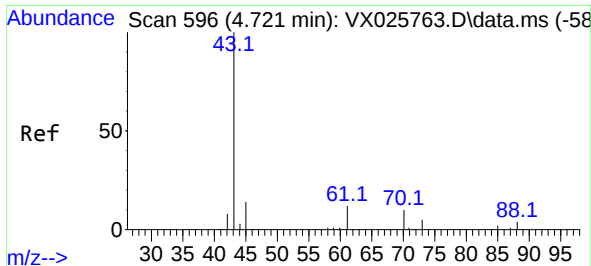


#36
1,1-Dichloropropene
Concen: 50.167 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



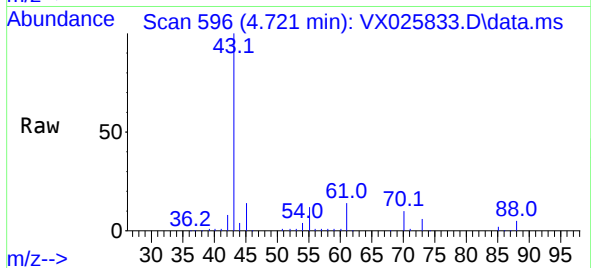
Tgt Ion: 75 Resp: 88186
Ion Ratio Lower Upper
75 100
110 37.2 18.2 54.6
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 49.173 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

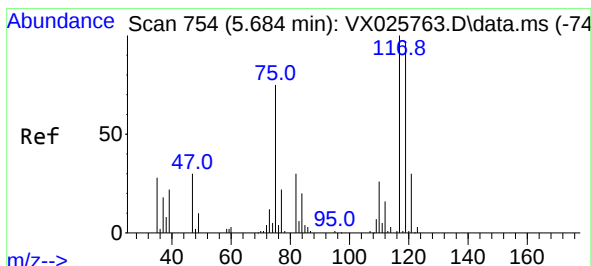
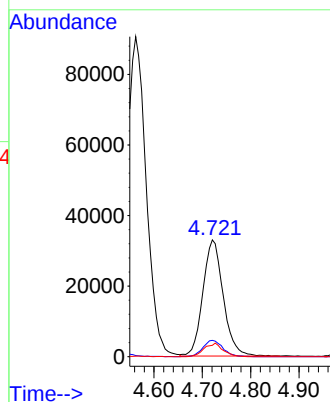
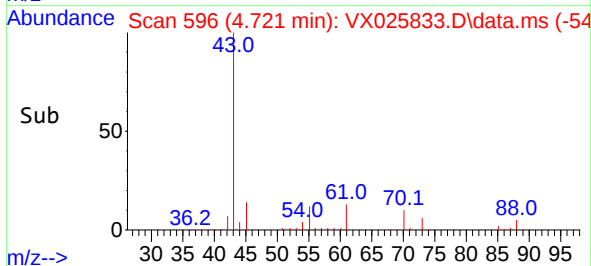
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 96036
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.8 8.5 12.7

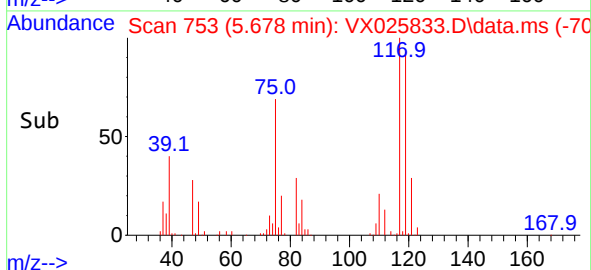
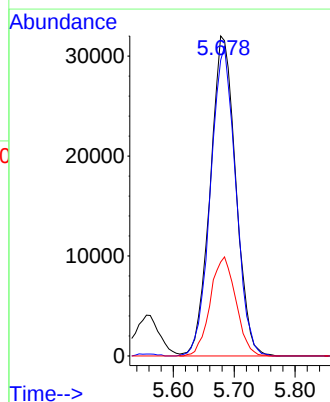
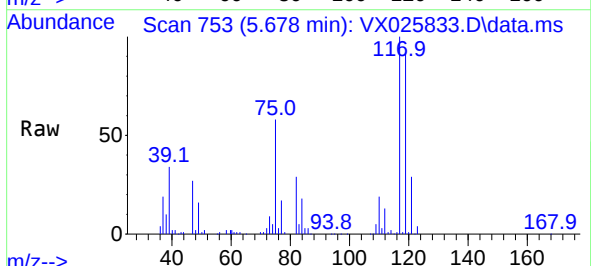
Manual Integrations
APPROVED

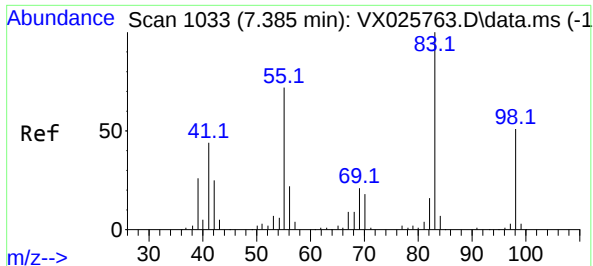
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#38
Carbon Tetrachloride
Concen: 45.508 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion:117 Resp: 93077
Ion Ratio Lower Upper
117 100
119 92.5 77.2 115.8
121 29.4 23.8 35.8





#39

Methylcyclohexane

Concen: 52.855 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 103960

Ion Ratio Lower Upper

83 100

55 73.4 57.8 86.8

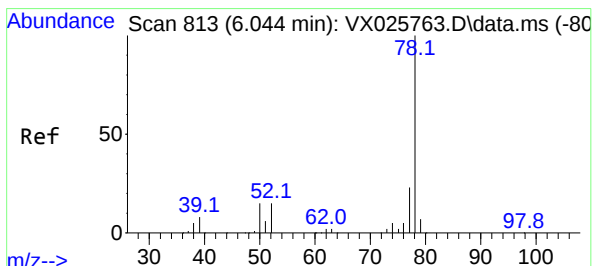
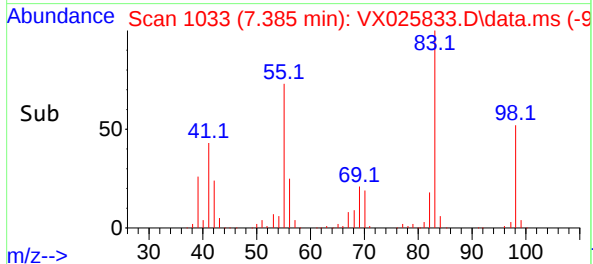
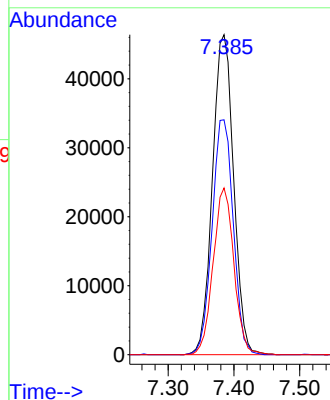
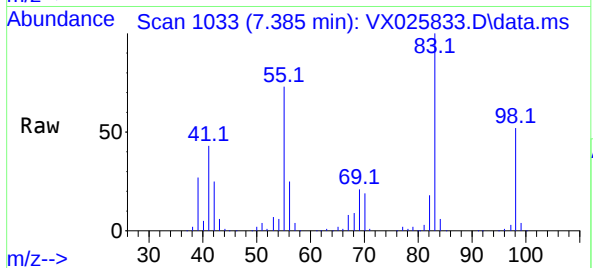
98 52.1 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#40

Benzene

Concen: 49.908 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025833.D

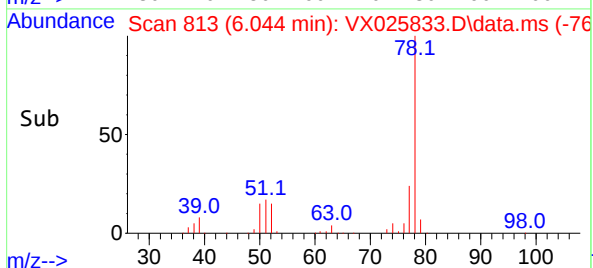
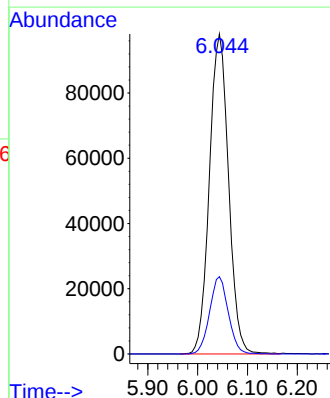
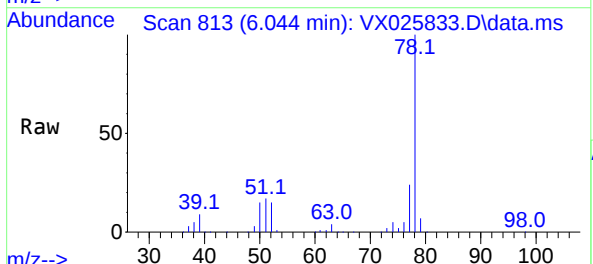
Acq: 15 Dec 2021 22:31

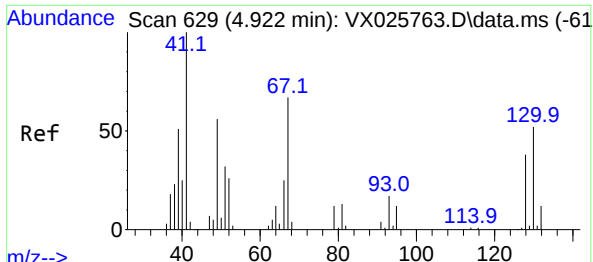
Tgt Ion: 78 Resp: 261700

Ion Ratio Lower Upper

78 100

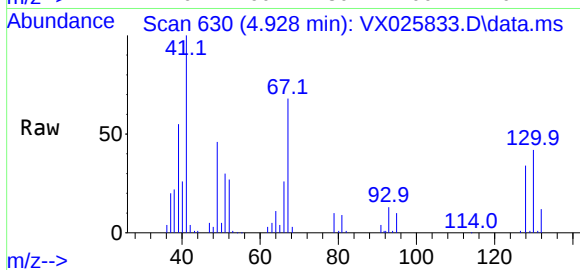
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 49.857 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

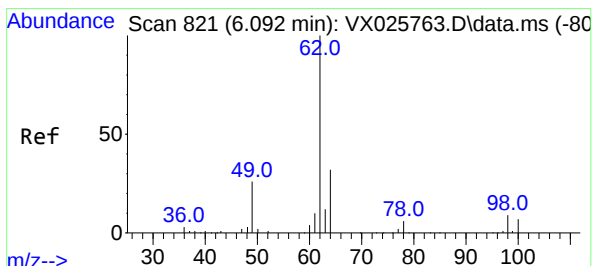
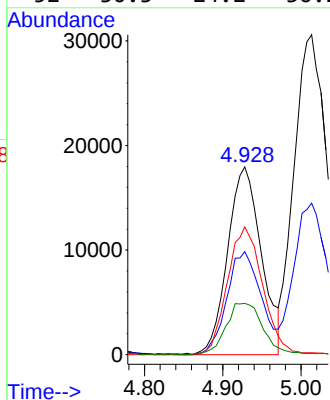
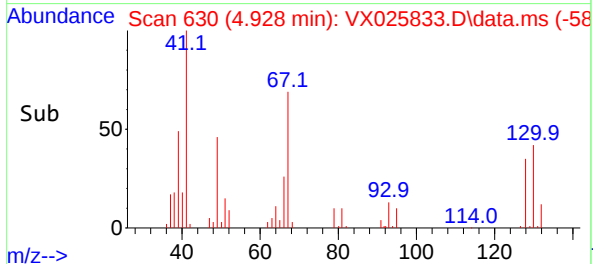
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5388
Ion Ratio Lower Upper
41 100
39 54.6 44.2 66.2
67 71.3 59.7 89.5
52 30.3 24.2 36.2

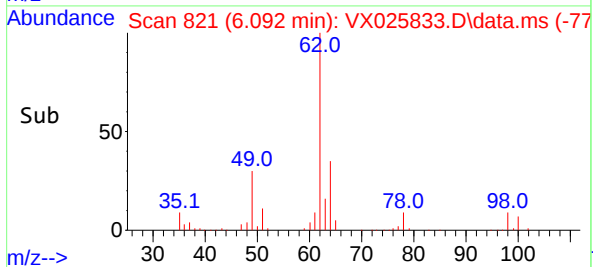
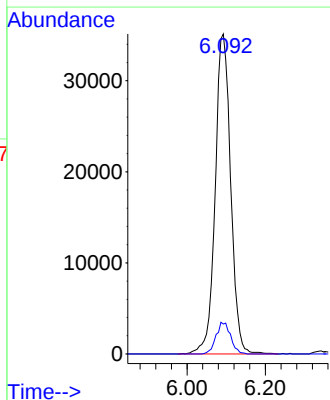
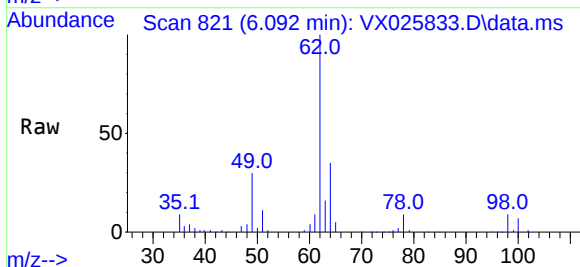
Manual Integrations
APPROVED

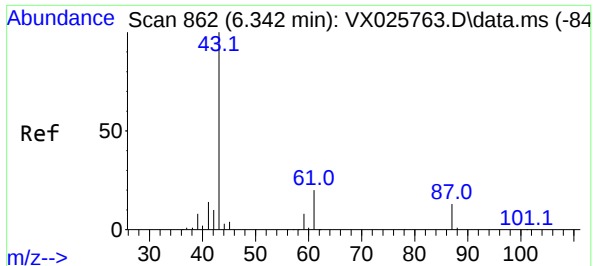
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 48.432 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

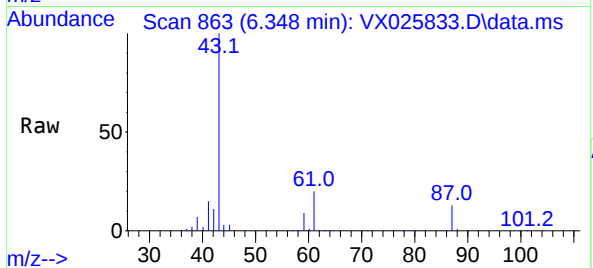
Tgt Ion: 62 Resp: 96521
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8





#43
Isopropyl Acetate
Concen: 48.049 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

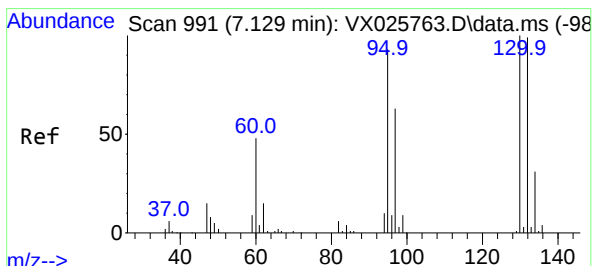
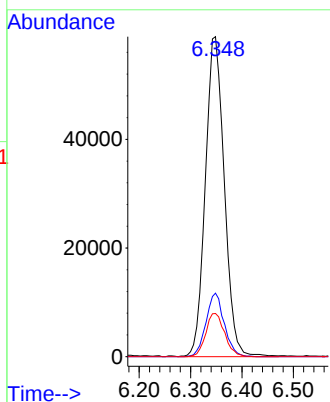
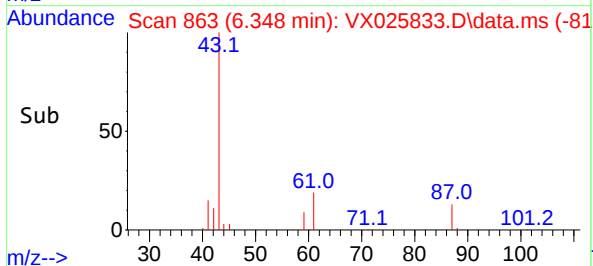
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15118
Ion Ratio Lower Upper
43 100
61 19.1 15.7 23.5
87 13.5 11.2 16.8

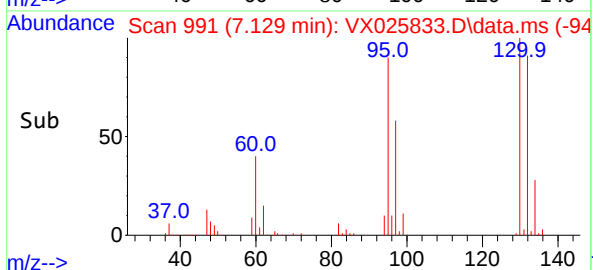
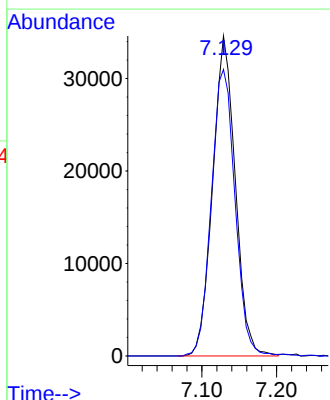
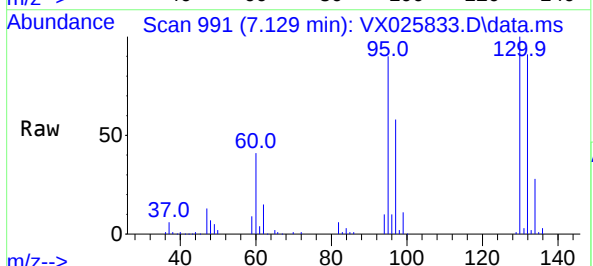
Manual Integrations
APPROVED

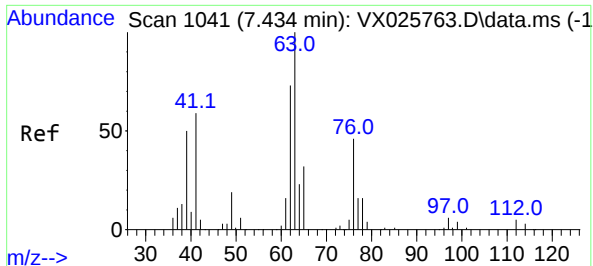
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 49.914 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion:130 Resp: 72867
Ion Ratio Lower Upper
130 100
95 89.6 0.0 186.4





#45

1,2-Dichloropropane

Concen: 49.445 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 65350

Ion Ratio Lower Upper

63 100

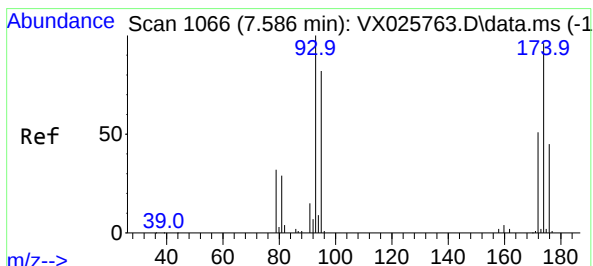
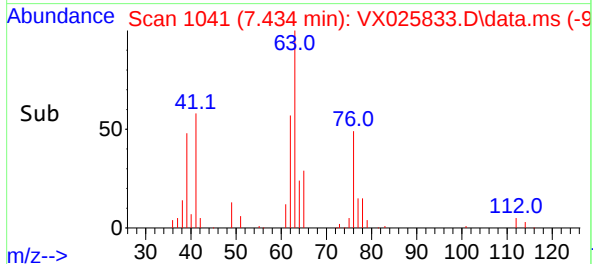
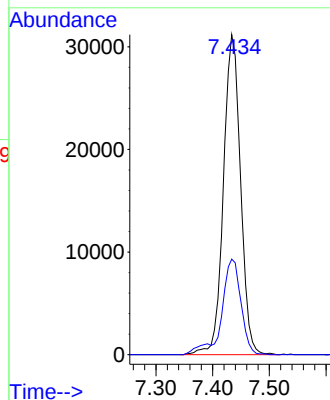
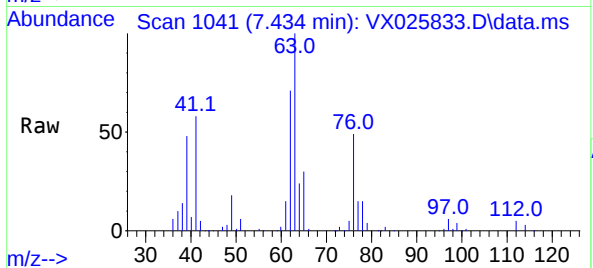
65 29.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 46.956 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

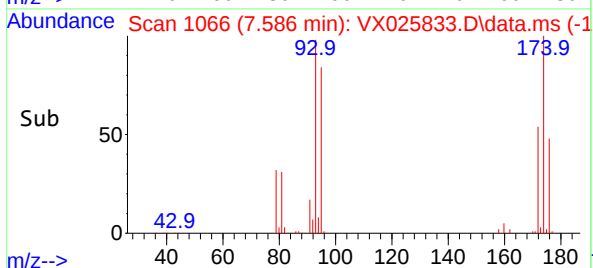
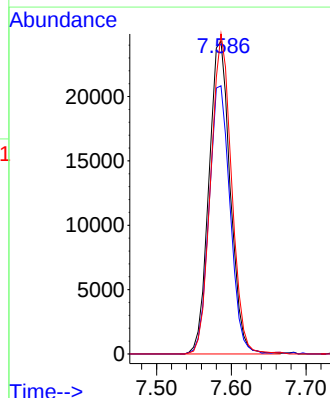
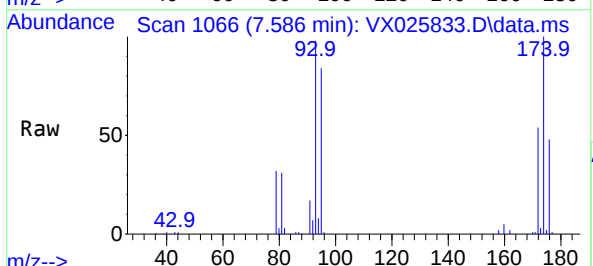
Tgt Ion: 93 Resp: 48314

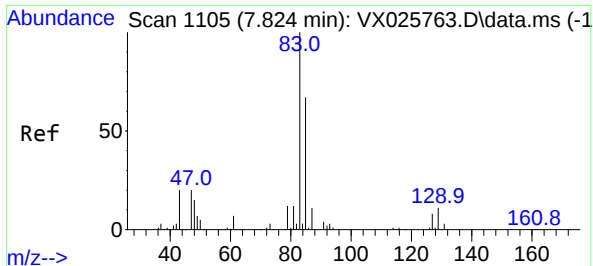
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 99.4 77.3 115.9





#47
Bromodichloromethane
Concen: 45.027 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

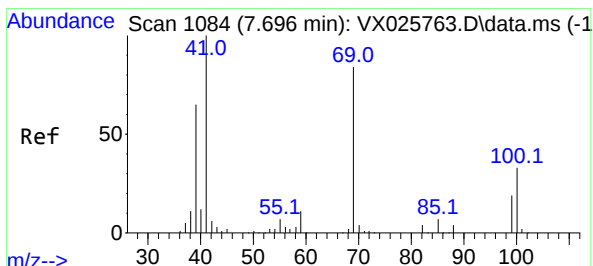
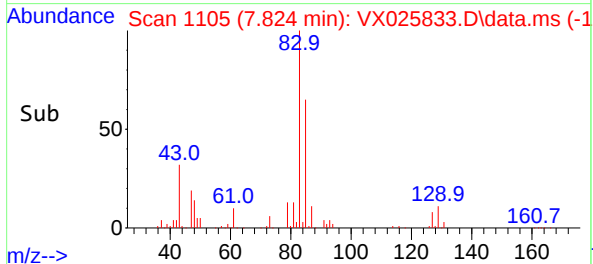
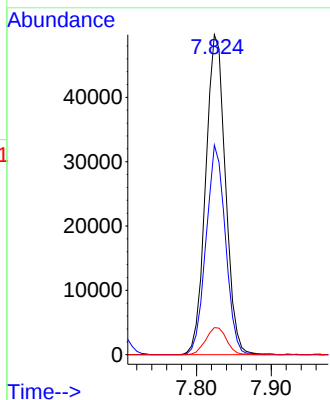
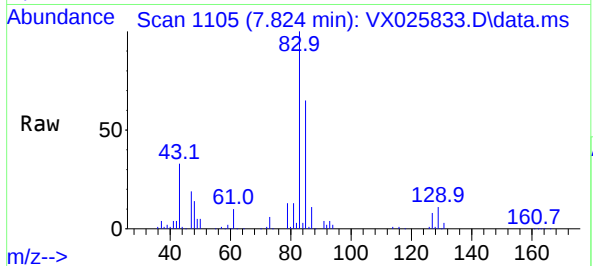
VSTDCCC050EC

Tgt Ion: 83 Resp: 91312
Ion Ratio Lower Upper
83 100
85 65.5 53.5 80.3
127 8.4 6.6 10.0

Manual Integrations

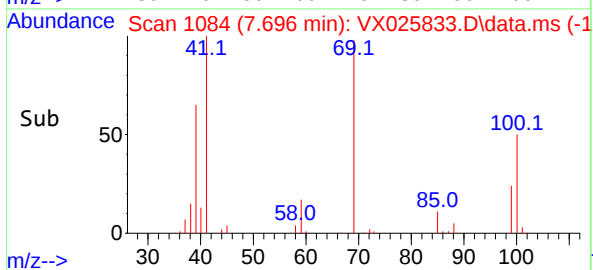
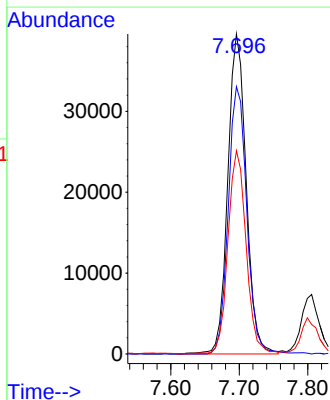
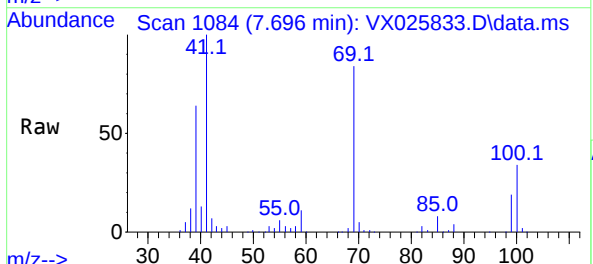
APPROVED

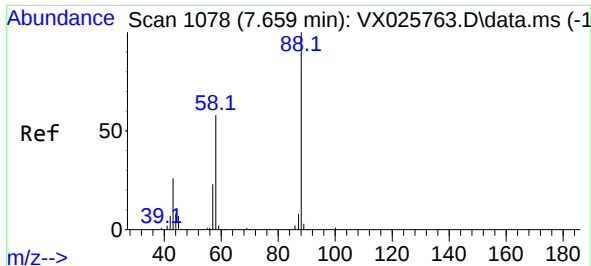
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 49.555 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion: 41 Resp: 73427
Ion Ratio Lower Upper
41 100
69 84.5 67.3 100.9
39 63.1 50.2 75.2





#49

1,4-Dioxane

Concen: 1020.931 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 33025

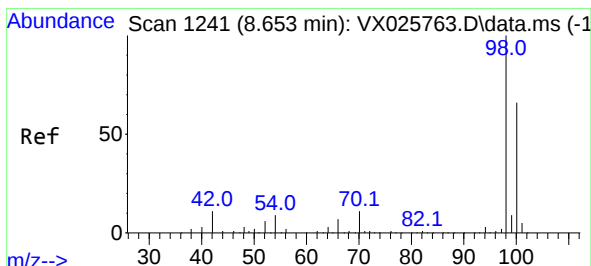
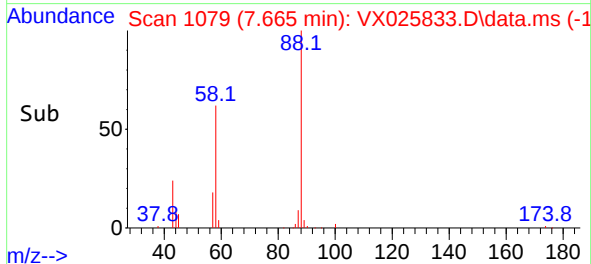
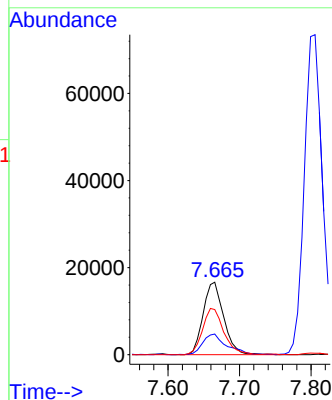
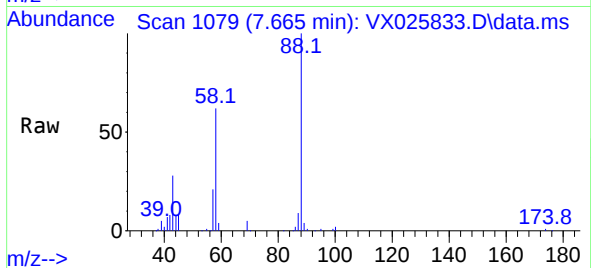
Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.3	37.9
58	66.2	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 47.515 ug/l

RT: 8.653 min Scan# 1241

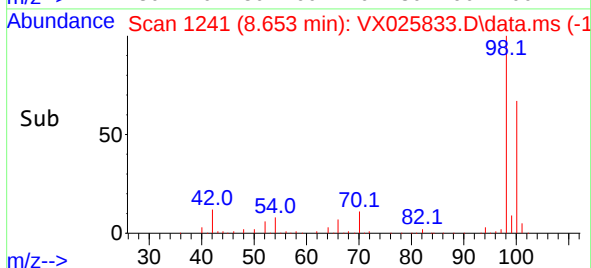
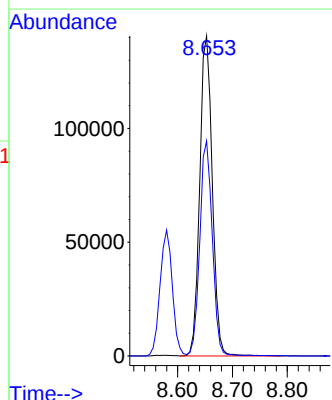
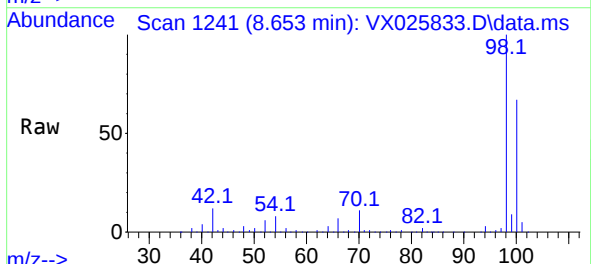
Delta R.T. -0.000 min

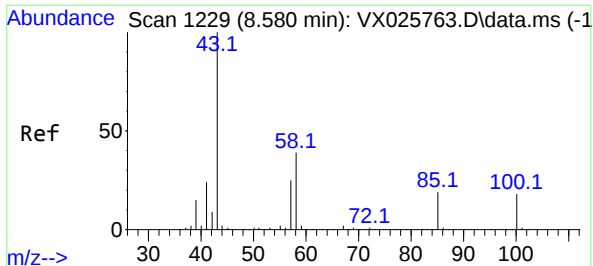
Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Tgt Ion: 98 Resp: 224407

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 251.775 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

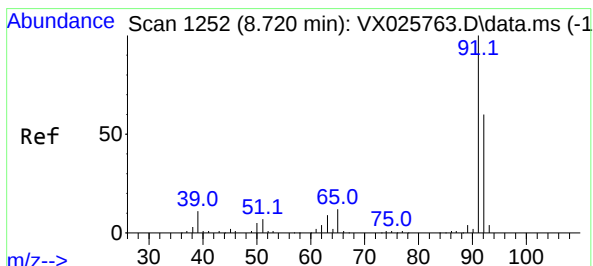
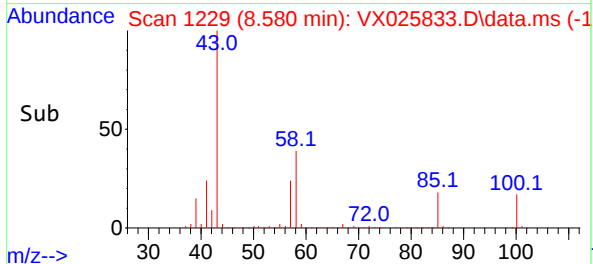
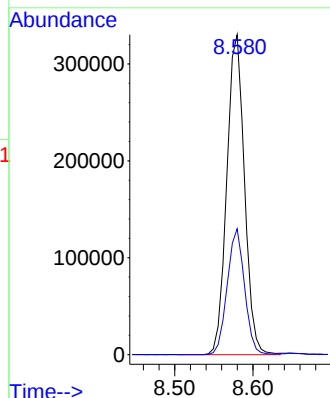
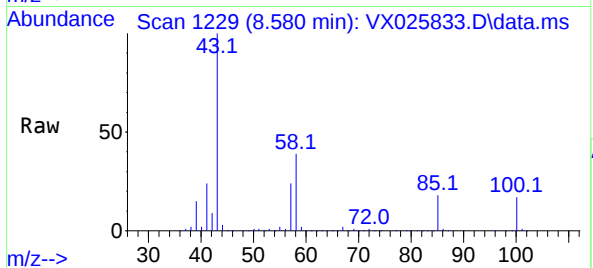
VSTDCCC050EC

Tgt Ion: 43 Resp: 518599
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2

Manual Integrations

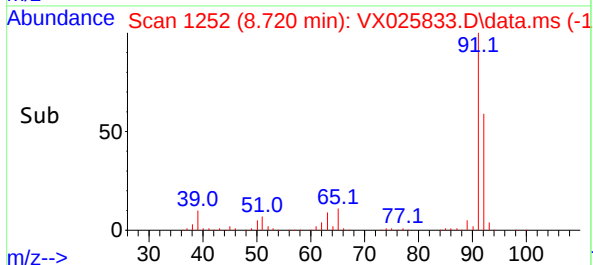
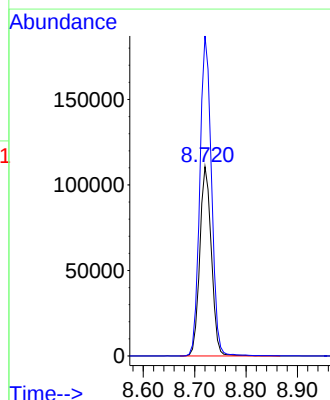
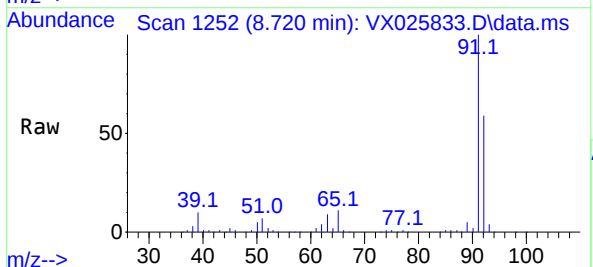
APPROVED

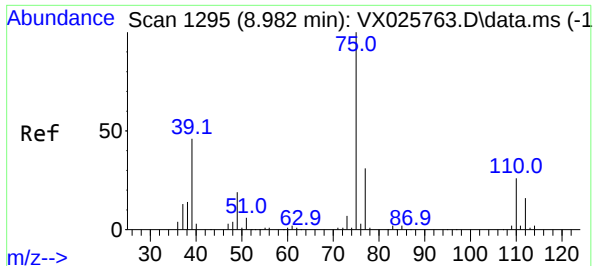
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 51.884 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion: 92 Resp: 173351
Ion Ratio Lower Upper
92 100
91 170.3 136.0 204.0





#53
t-1,3-Dichloropropene
Concen: 45.151 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

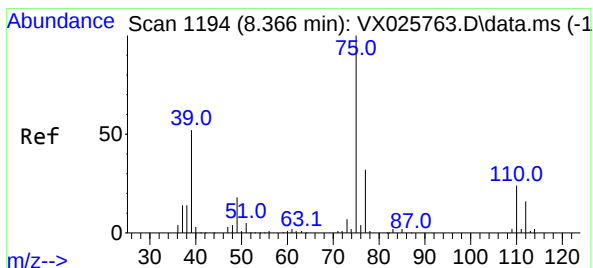
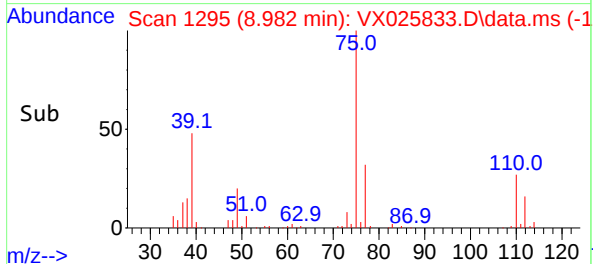
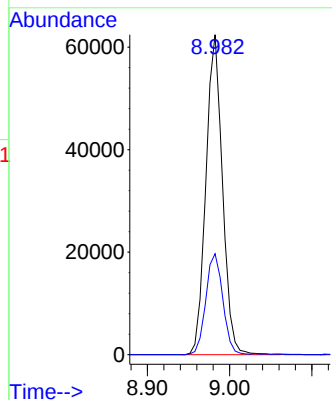
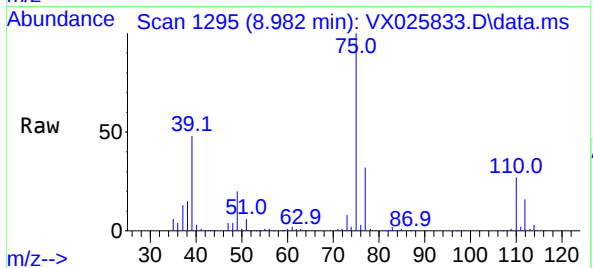
VSTDCCC050EC

Tgt Ion: 75 Resp: 87278
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

Manual Integrations

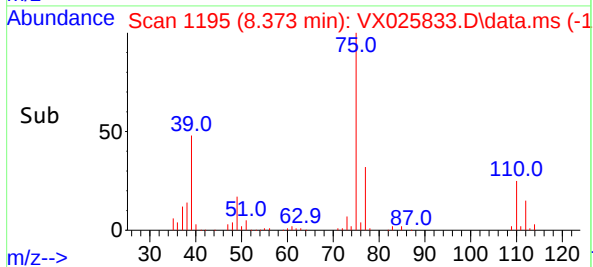
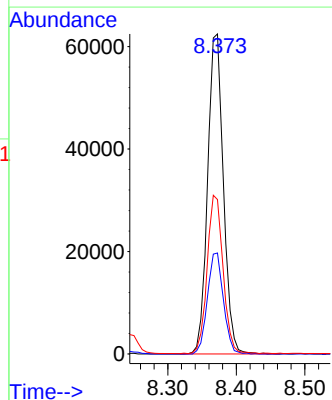
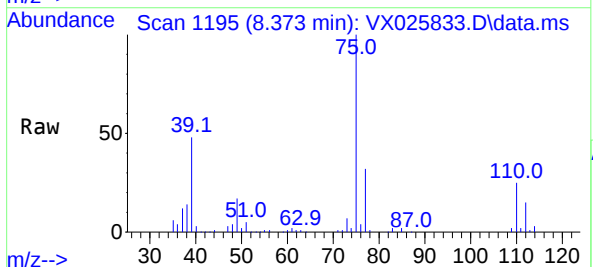
APPROVED

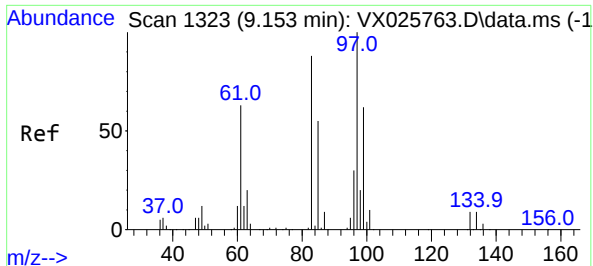
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#54
cis-1,3-Dichloropropene
Concen: 47.261 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

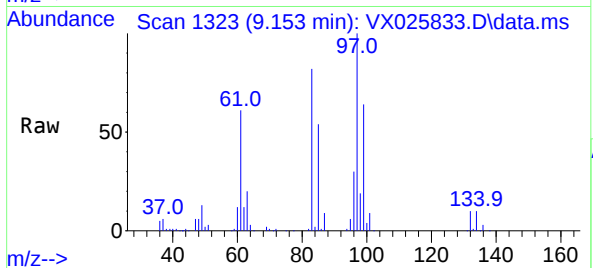
Tgt Ion: 75 Resp: 99959
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 48.1 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 48.754 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

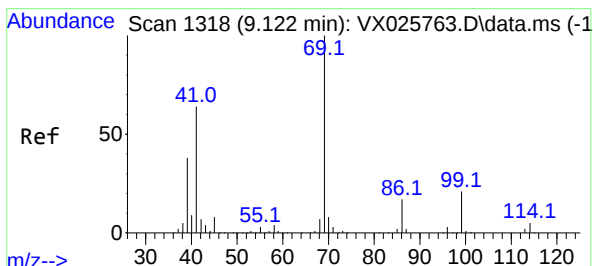
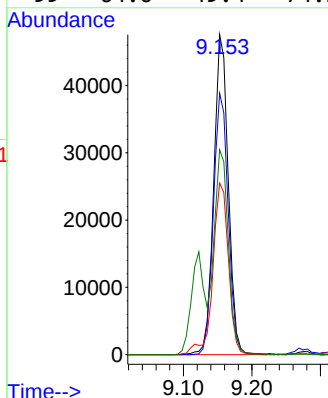
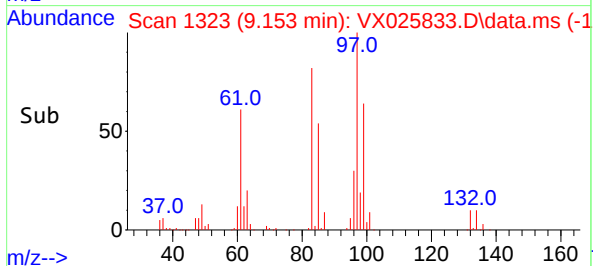


Tgt Ion: 97 Resp: 69850

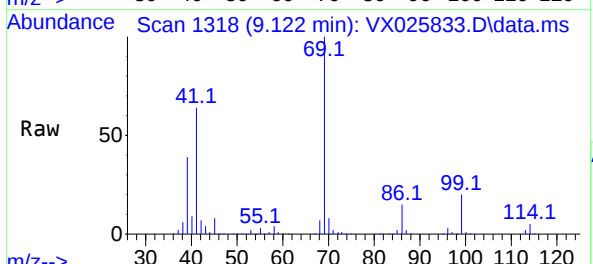
Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.5	105.7
85	53.7	43.8	65.6
99	64.0	49.4	74.2

Manual Integrations
APPROVED

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

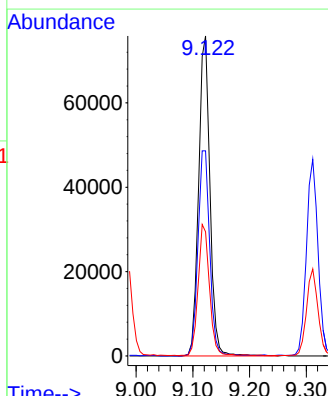
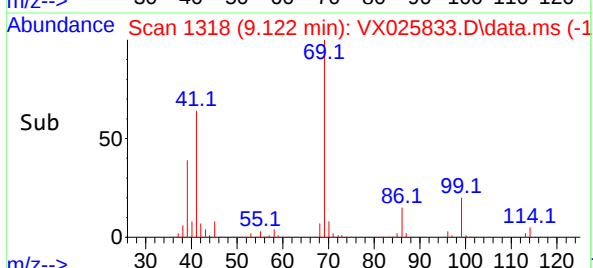


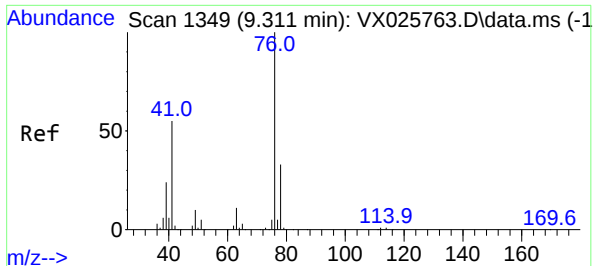
#56
Ethyl methacrylate
Concen: 51.066 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



Tgt Ion: 69 Resp: 105079

Ion	Ratio	Lower	Upper
69	100		
41	66.8	52.8	79.2
39	40.9	32.5	48.7





#57
1,3-Dichloropropane
Concen: 49.275 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

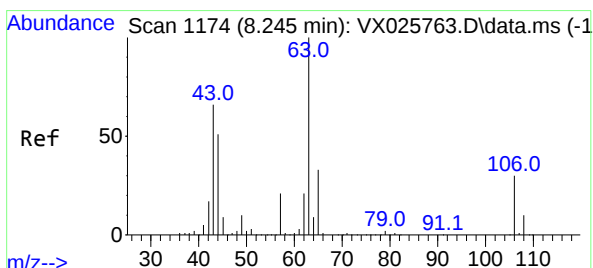
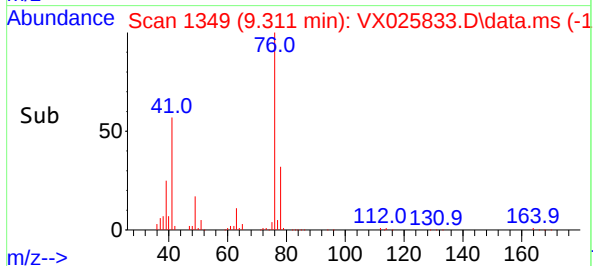
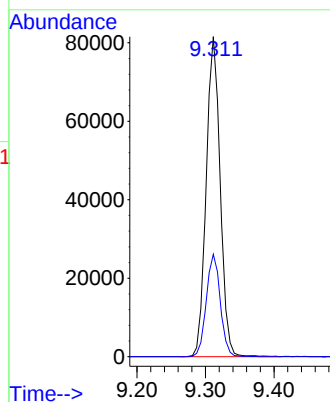
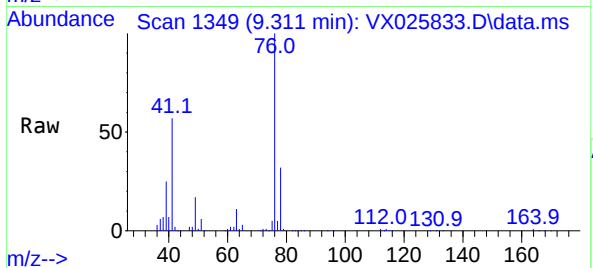
VSTDCCC050EC

Tgt Ion: 76 Resp: 11580
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

Manual Integrations

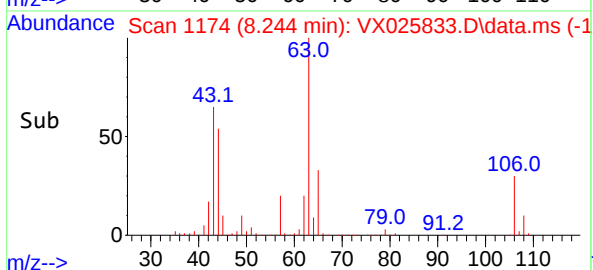
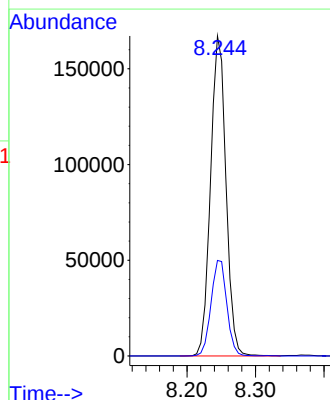
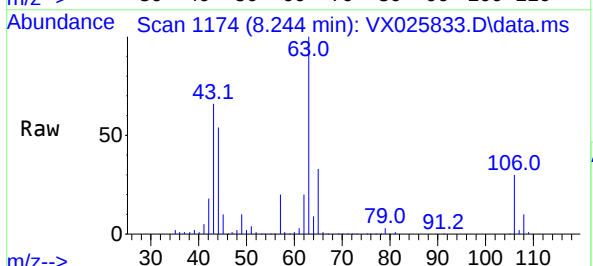
APPROVED

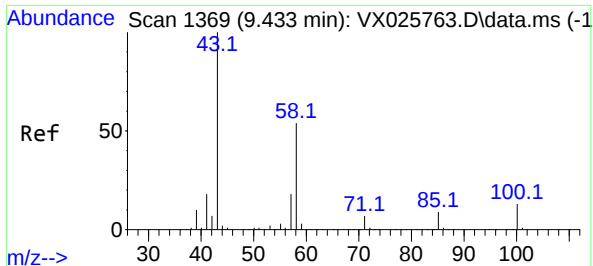
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#58
2-Chloroethyl Vinyl ether
Concen: 260.096 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion: 63 Resp: 262094
Ion Ratio Lower Upper
63 100
106 30.5 24.4 36.6





#59

2-Hexanone

Concen: 254.690 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 39748

Ion Ratio Lower Upper

43 100

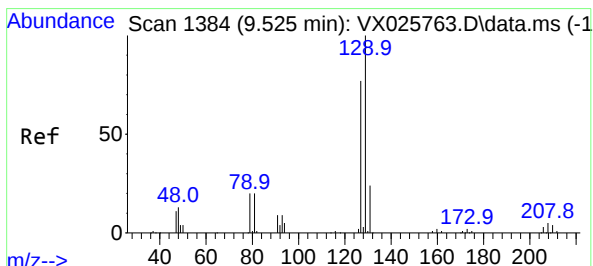
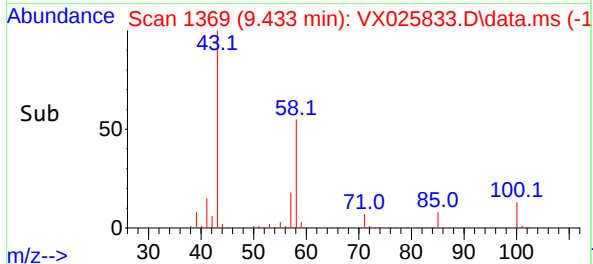
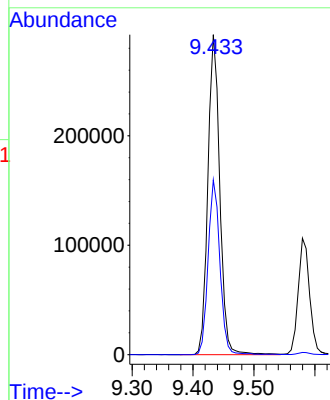
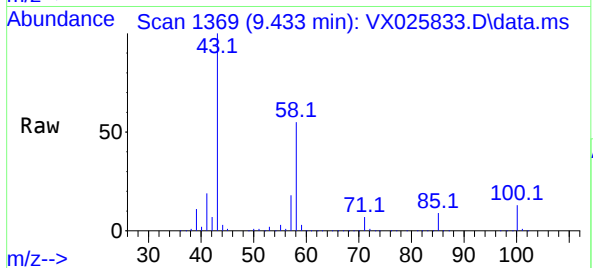
58 54.4 26.9 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#60

Dibromochloromethane

Concen: 44.405 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025833.D

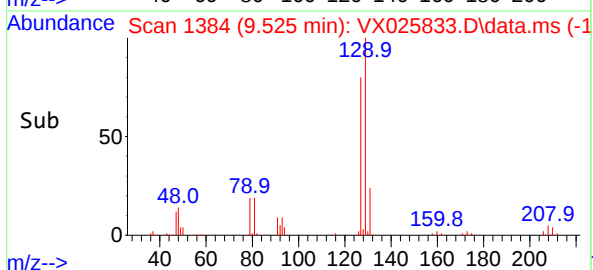
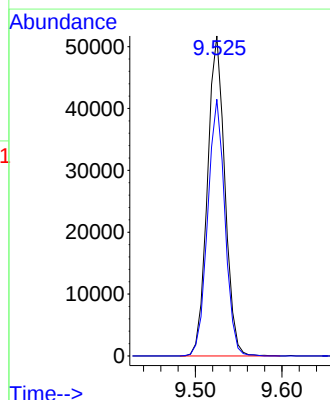
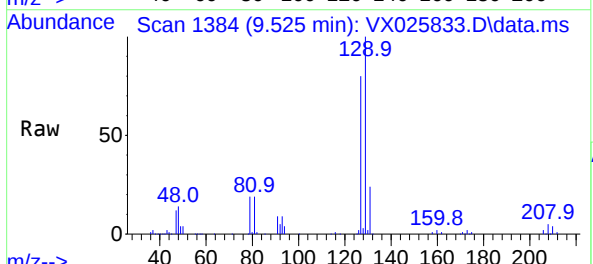
Acq: 15 Dec 2021 22:31

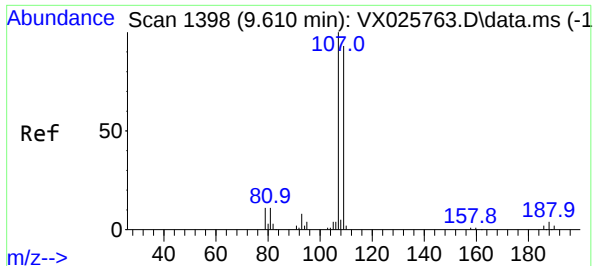
Tgt Ion:129 Resp: 72211

Ion Ratio Lower Upper

129 100

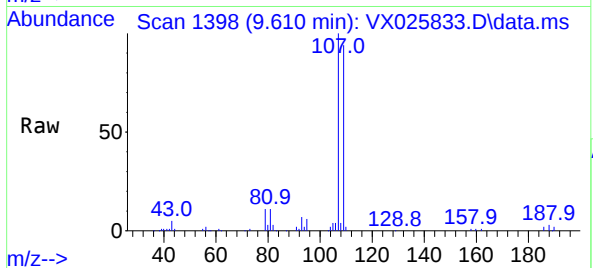
127 79.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 48.347 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

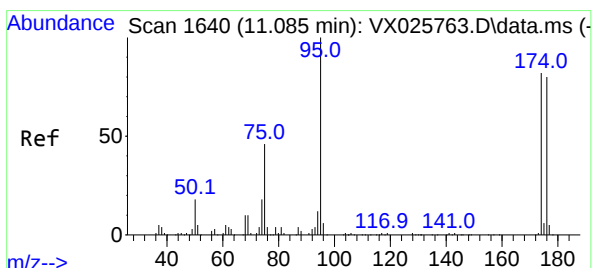
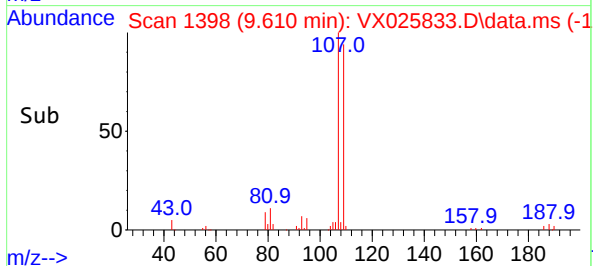
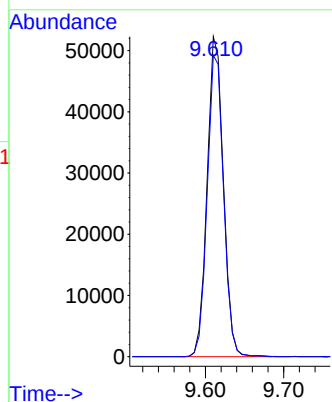
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 75110
Ion Ratio Lower Upper
107 100
109 94.9 75.1 112.7

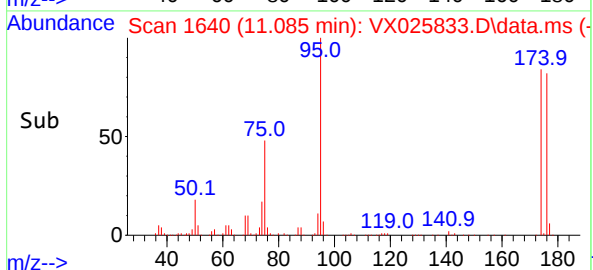
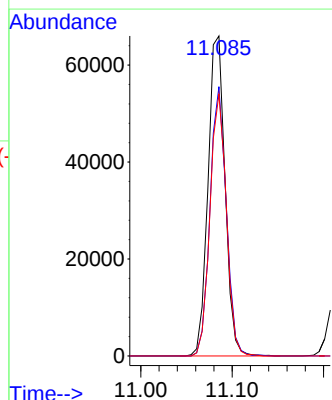
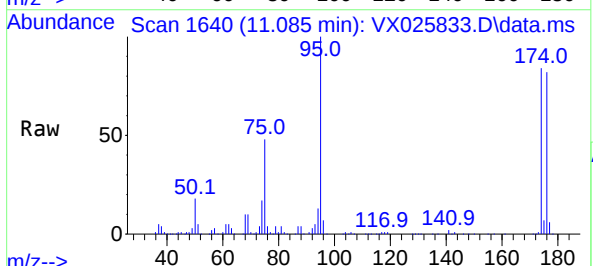
Manual Integrations
APPROVED

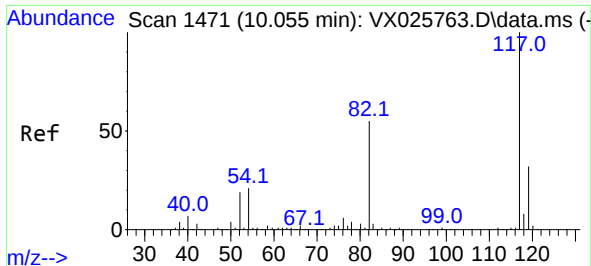
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 47.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion: 95 Resp: 85195
Ion Ratio Lower Upper
95 100
174 80.4 0.0 157.4
176 78.7 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: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

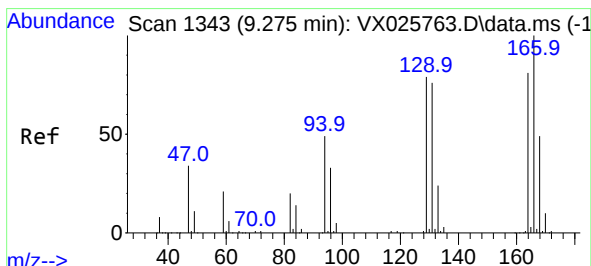
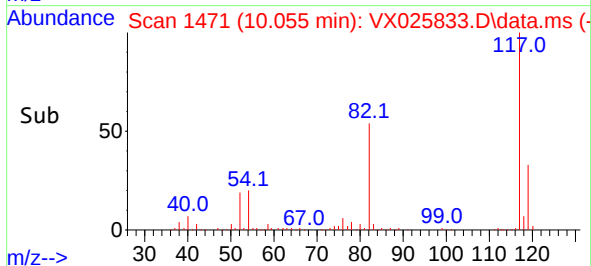
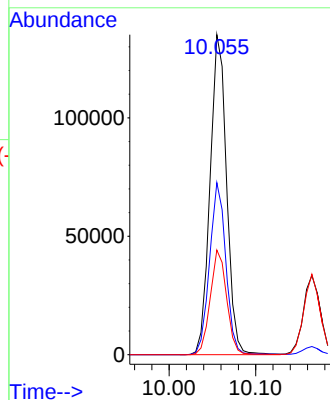
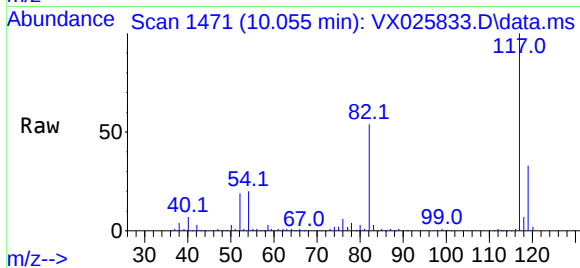
VSTDCCC050EC

Tgt Ion:117 Resp: 179310
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 32.7 25.2 37.8

Manual Integrations

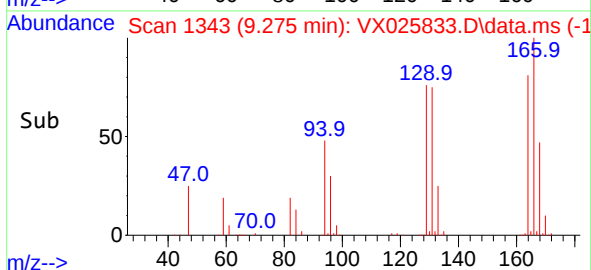
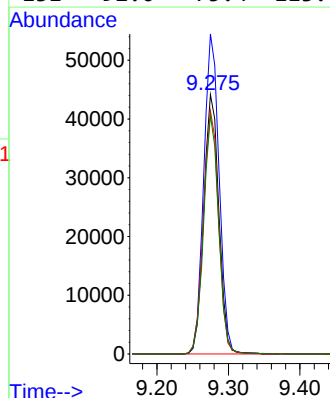
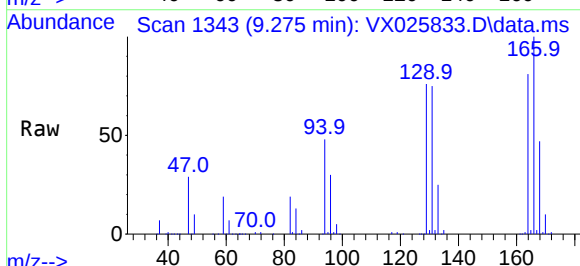
APPROVED

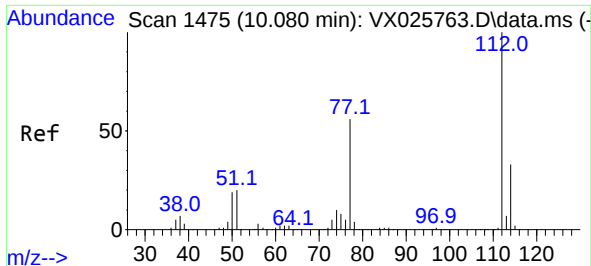
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 45.614 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion:164 Resp: 65244
Ion Ratio Lower Upper
164 100
166 123.4 99.4 149.0
129 93.8 78.6 118.0
131 92.0 75.4 113.0





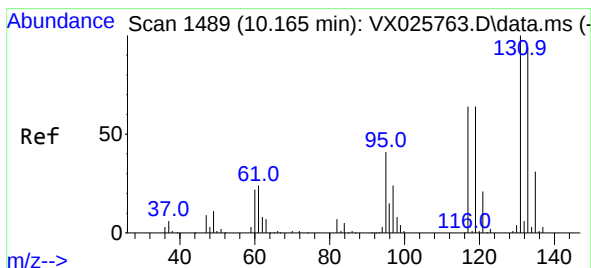
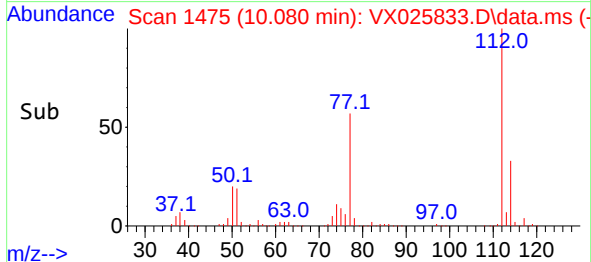
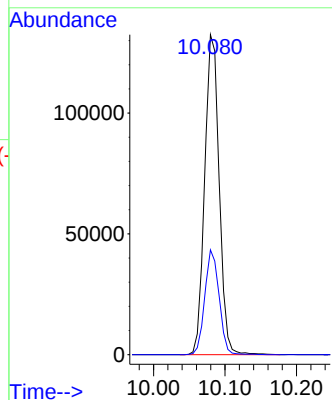
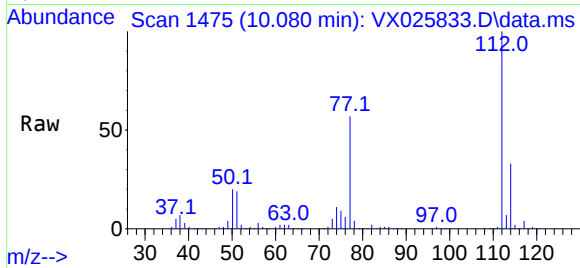
#65
Chlorobenzene
Concen: 49.917 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 186580
Ion Ratio Lower Upper
112 100
114 32.8 26.6 39.8

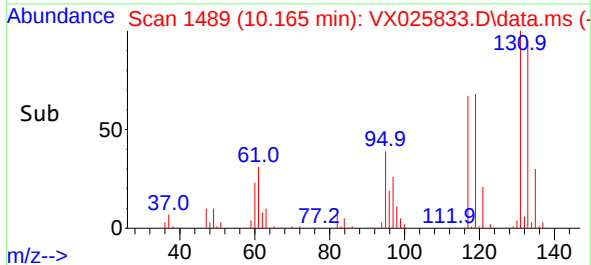
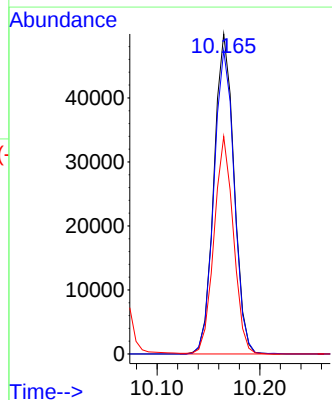
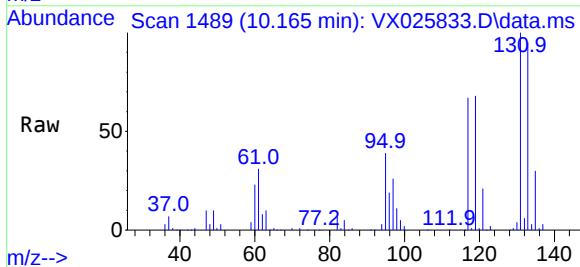
Manual Integrations
APPROVED

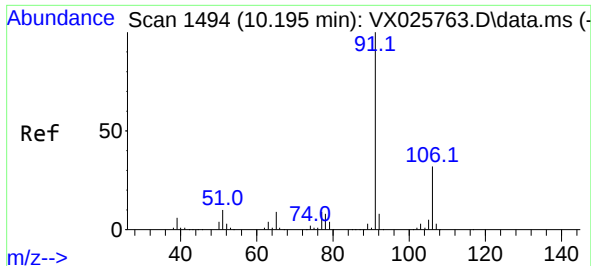
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 46.173 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

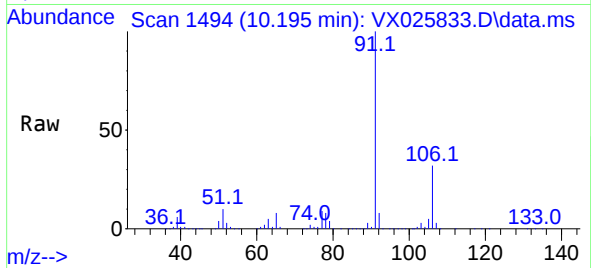
Tgt Ion:131 Resp: 67394
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 65.8 31.9 95.9





#67
Ethyl Benzene
Concen: 52.148 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

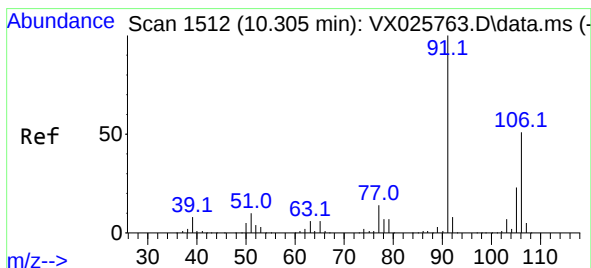
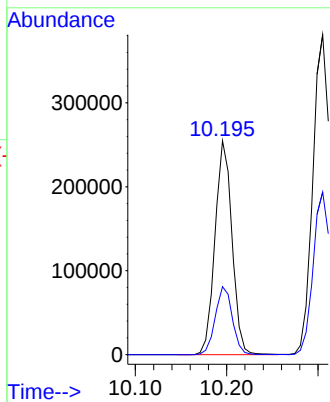
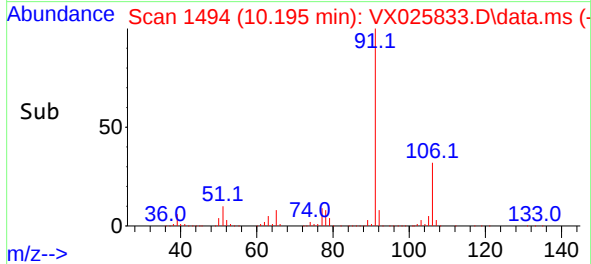
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



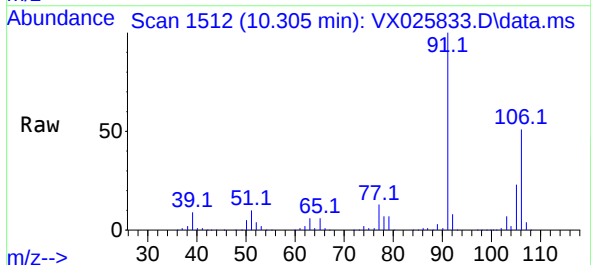
Tgt Ion: 91 Resp: 329612
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5

Manual Integrations
APPROVED

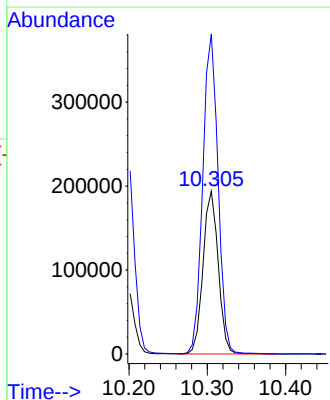
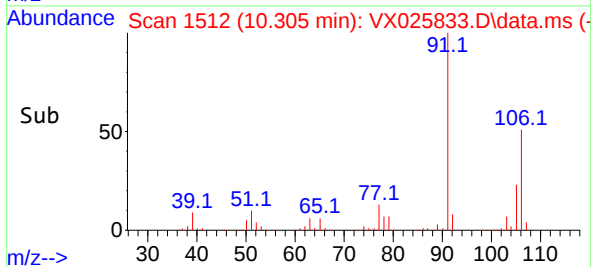
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

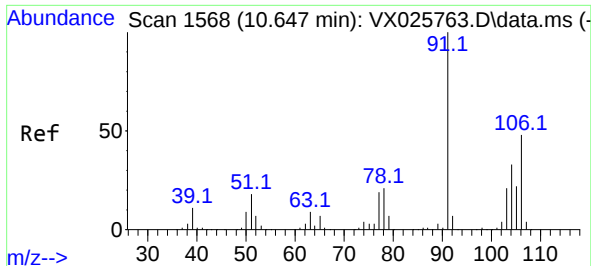


#68
m/p-Xylenes
Concen: 105.810 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



Tgt Ion:106 Resp: 260243
Ion Ratio Lower Upper
106 100
91 198.0 158.6 238.0





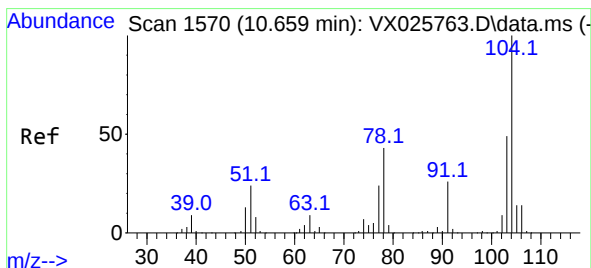
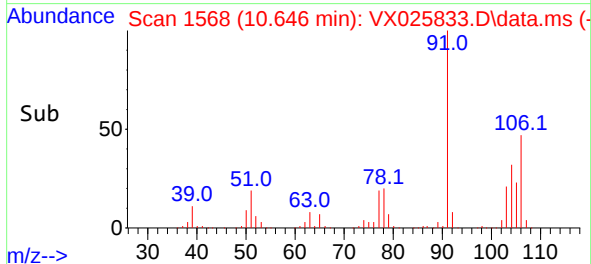
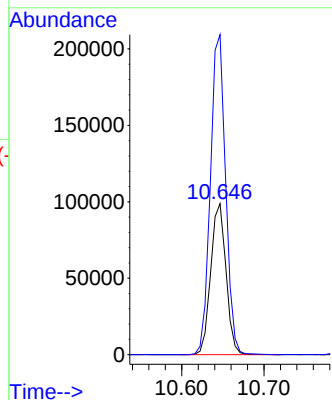
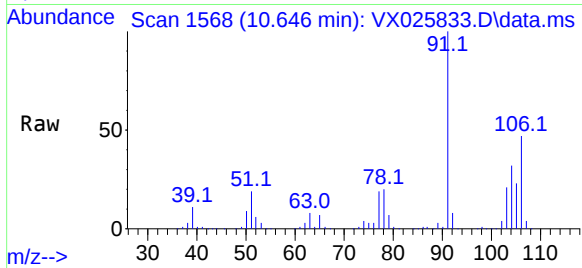
#69
o-Xylene
Concen: 52.777 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12769
Ion Ratio Lower Upper
106 100
91 211.0 105.5 316.4

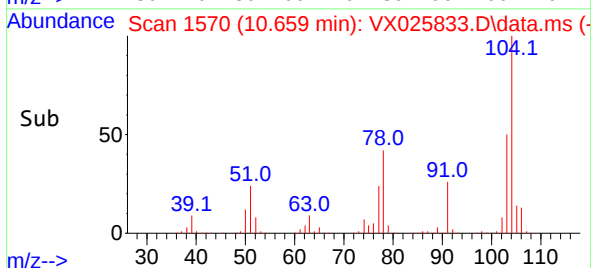
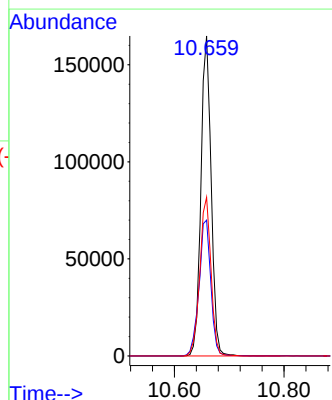
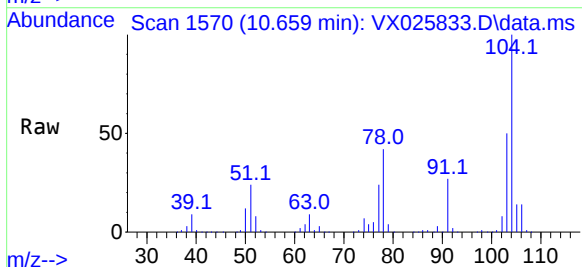
Manual Integrations
APPROVED

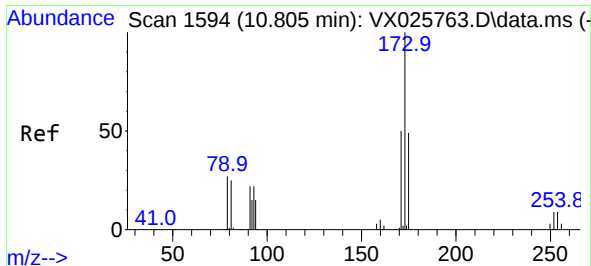
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 53.225 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

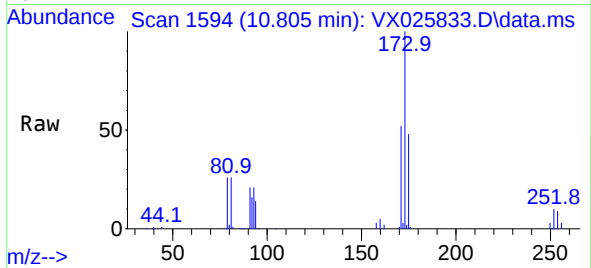
Tgt Ion:104 Resp: 214295
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 54.4 43.0 64.6





#71
Bromoform
Concen: 43.054 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

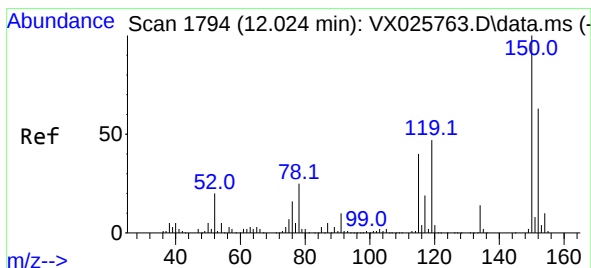
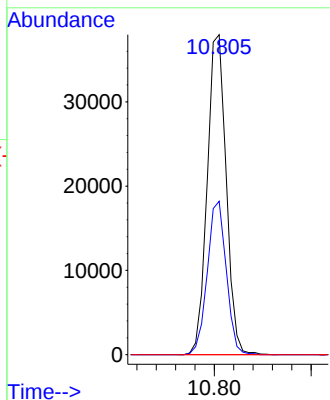
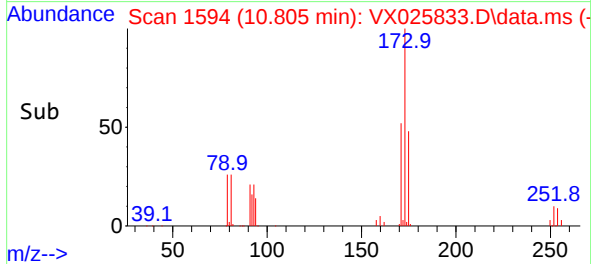
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 51768
Ion Ratio Lower Upper
173 100
175 48.0 24.4 73.4
254 0.0 0.1 0.1

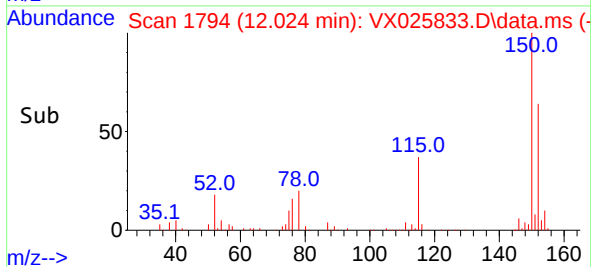
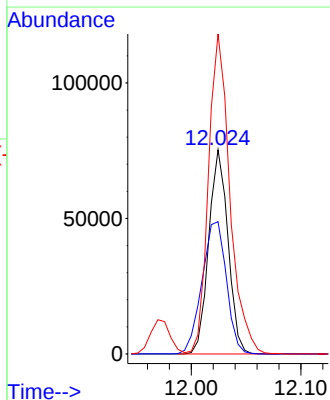
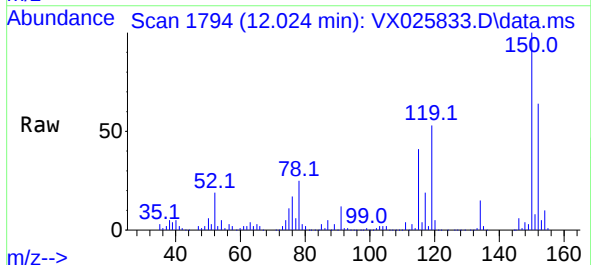
Manual Integrations
APPROVED

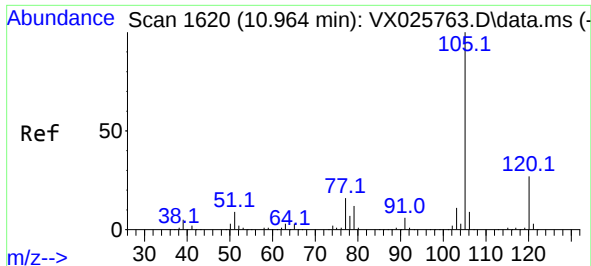
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

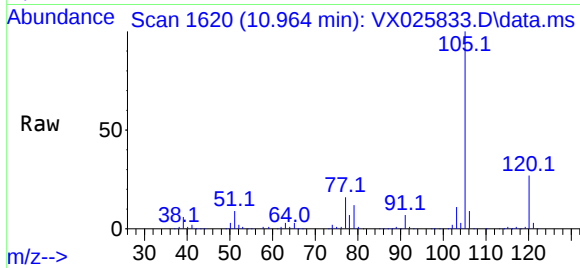
Tgt Ion:152 Resp: 91984
Ion Ratio Lower Upper
152 100
115 82.1 41.3 123.9
150 174.4 0.0 351.8





#73
Isopropylbenzene
Concen: 49.693 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

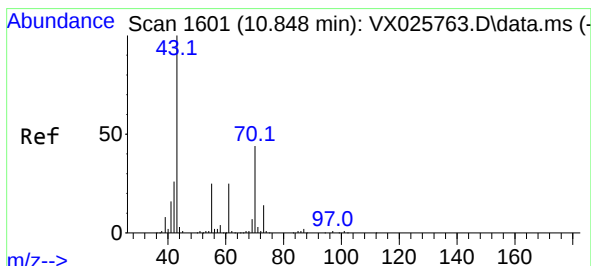
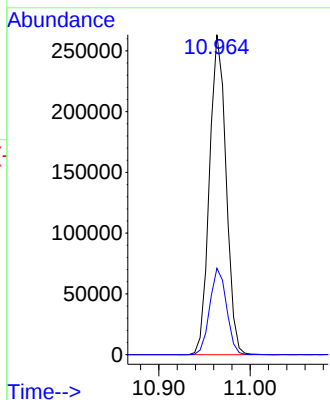
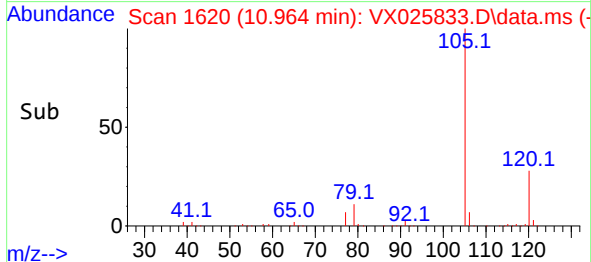
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



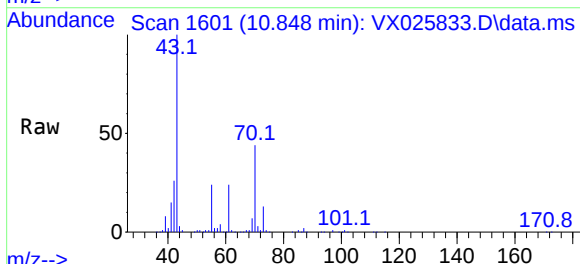
Tgt Ion:105 Resp: 33174
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7

Manual Integrations
APPROVED

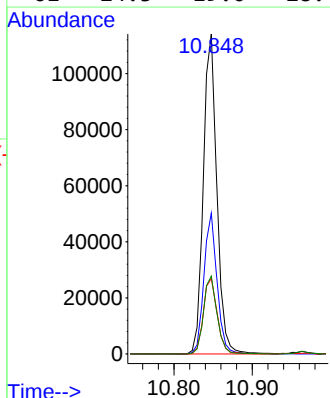
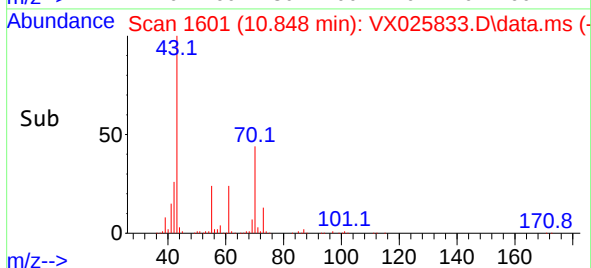
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

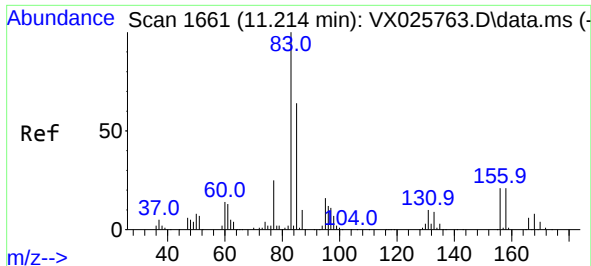


#74
N-ethyl acetate
Concen: 50.865 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



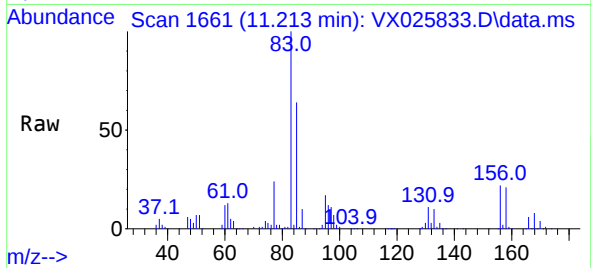
Tgt Ion: 43 Resp: 136579
Ion Ratio Lower Upper
43 100
70 42.7 34.1 51.1
55 24.3 19.2 28.8
61 24.3 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 47.760 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

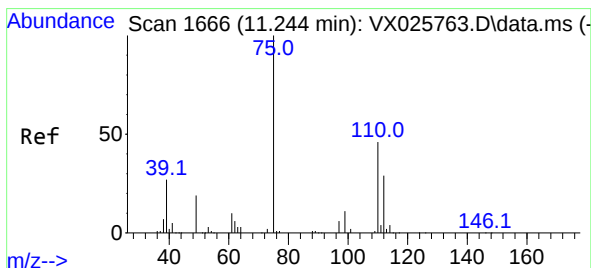
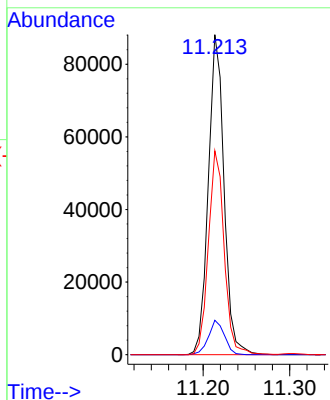
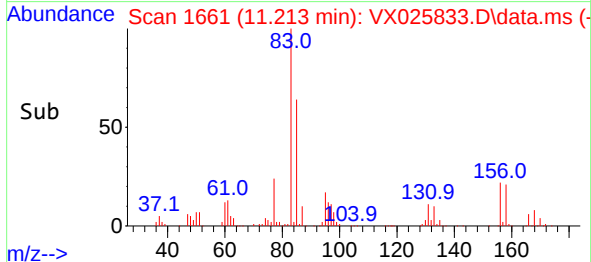
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



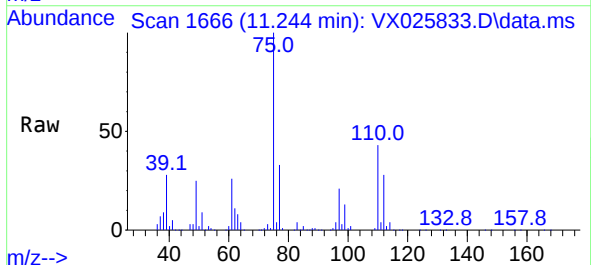
Tgt Ion: 83 Resp: 111124
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.0 31.6 95.0

Manual Integrations
APPROVED

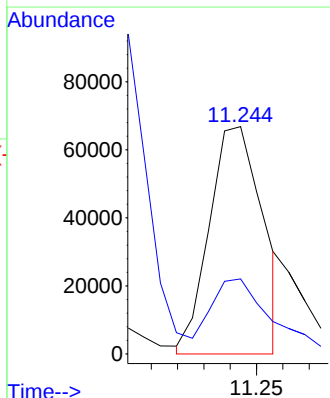
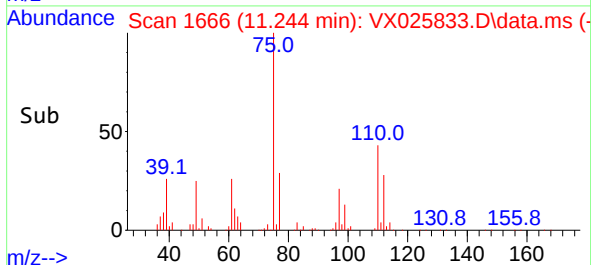
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

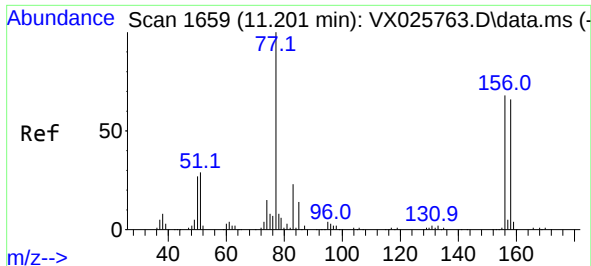


#76
1,2,3-Trichloropropane
Concen: 44.626 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



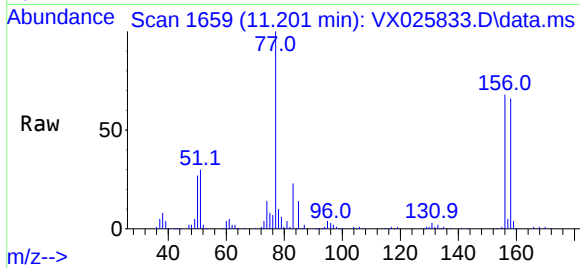
Tgt Ion: 75 Resp: 94050
Ion Ratio Lower Upper
75 100
77 37.8 19.0 57.0





#77
Bromobenzene
Concen: 48.362 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

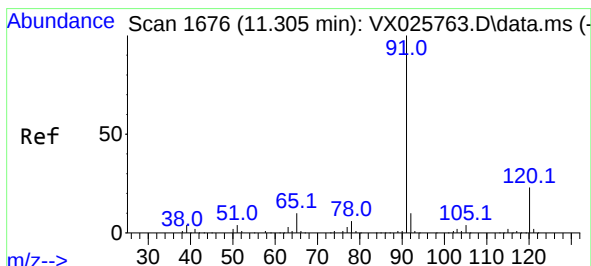
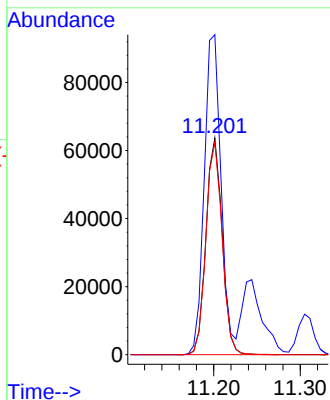
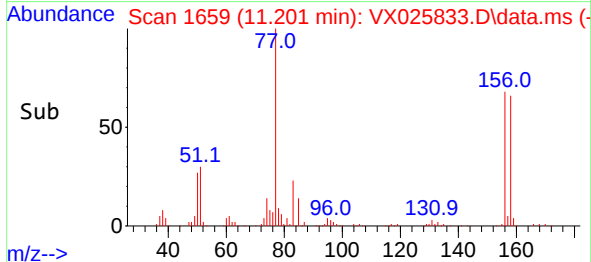
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



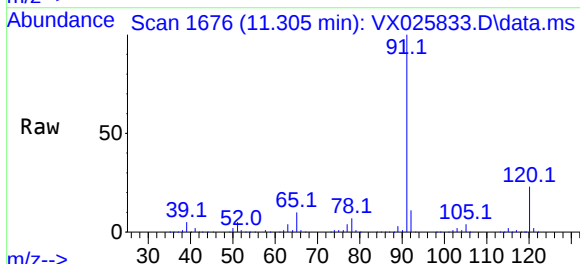
Tgt Ion:156 Resp: 82815
Ion Ratio Lower Upper
156 100
77 152.9 78.2 234.6
158 97.7 48.6 145.9

Manual Integrations
APPROVED

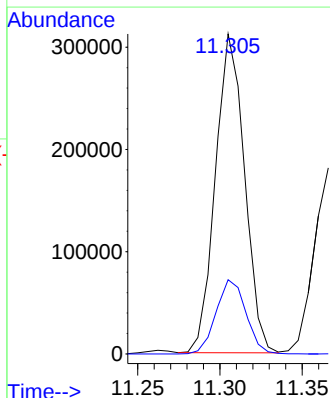
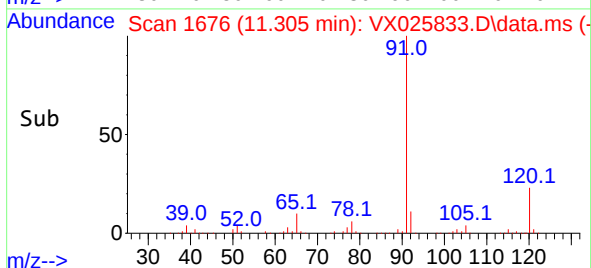
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

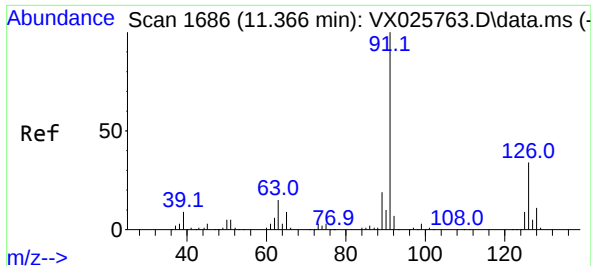


#78
n-propylbenzene
Concen: 50.784 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



Tgt Ion: 91 Resp: 383480
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





#79
2-Chlorotoluene
Concen: 47.994 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

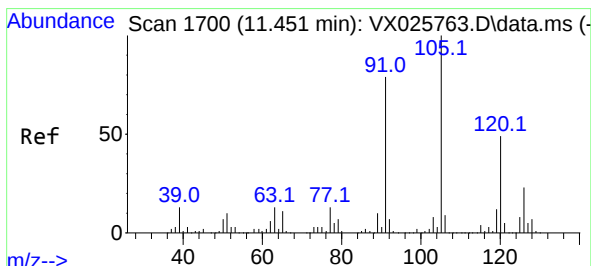
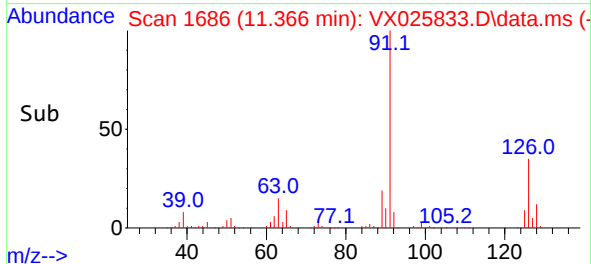
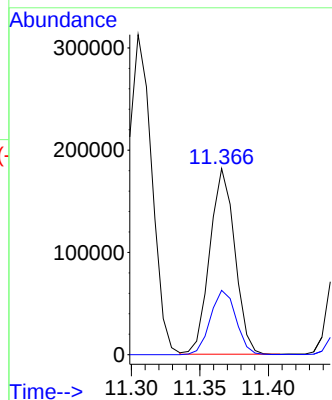
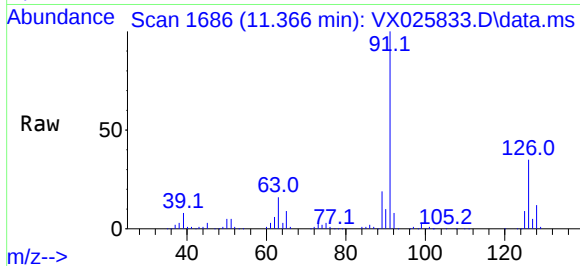
VSTDCCC050EC

Tgt Ion: 91 Resp: 230460
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

Manual Integrations

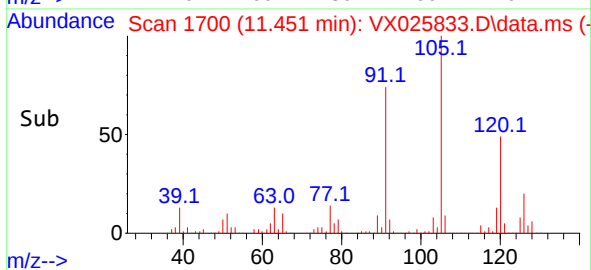
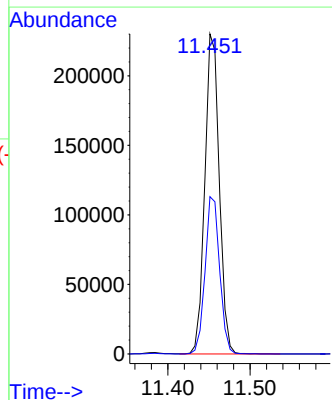
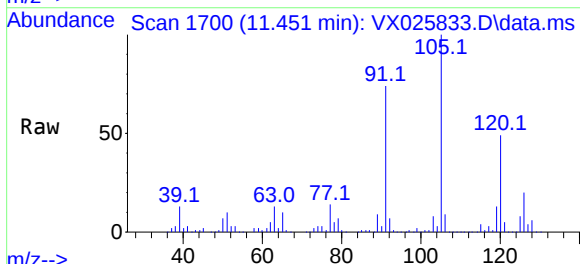
APPROVED

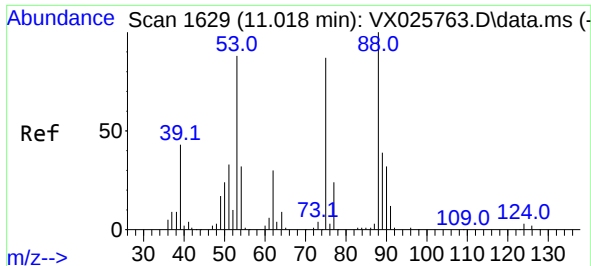
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.738 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

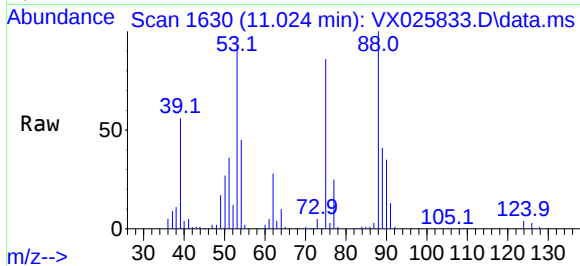
Tgt Ion:105 Resp: 280925
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 36.885 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

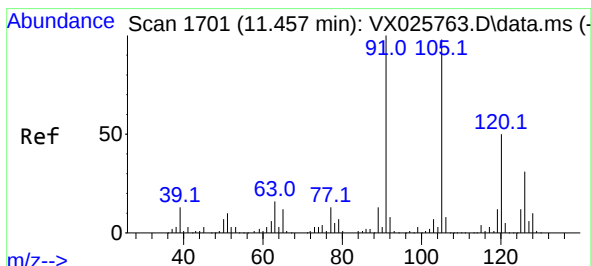
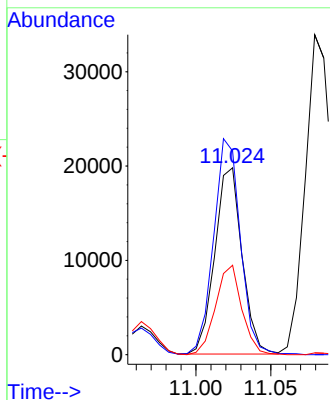
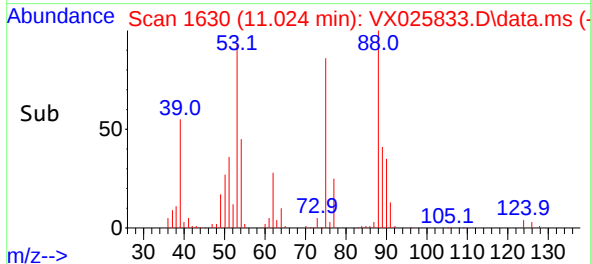
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



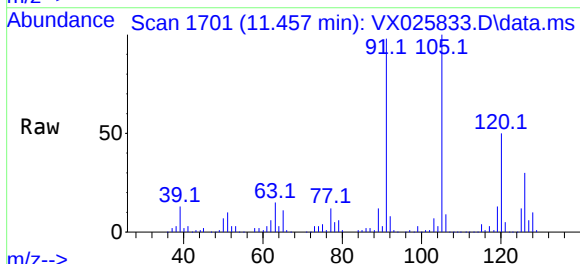
Tgt Ion: 75 Resp: 25074
Ion Ratio Lower Upper
75 100
53 114.1 79.5 119.3
89 46.3 38.3 57.5

Manual Integrations
APPROVED

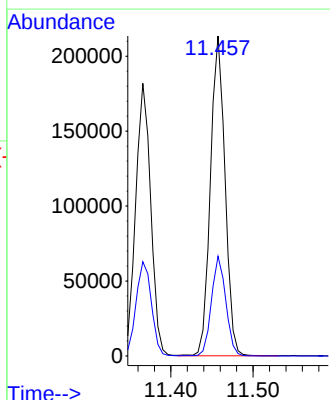
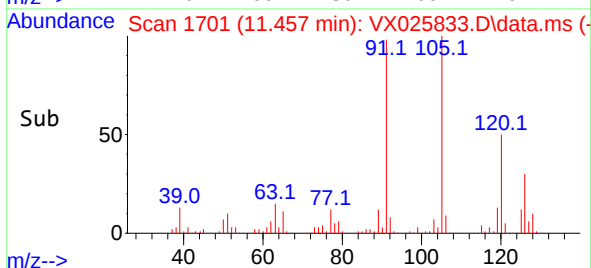
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

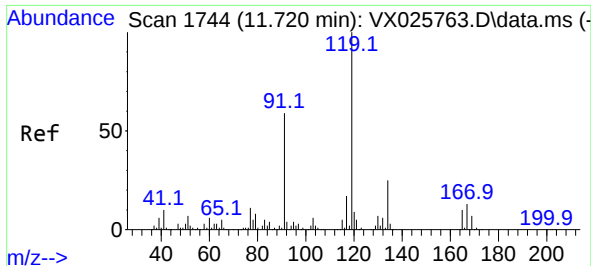


#82
4-Chlorotoluene
Concen: 48.972 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



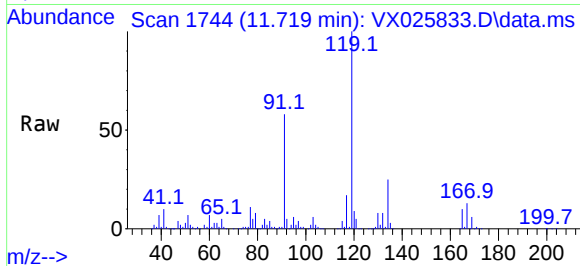
Tgt Ion: 91 Resp: 263328
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.7





#83
tert-Butylbenzene
Concen: 51.362 ug/l
RT: 11.719 min Scan# 11744
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

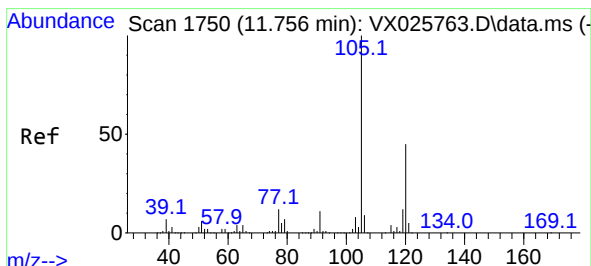
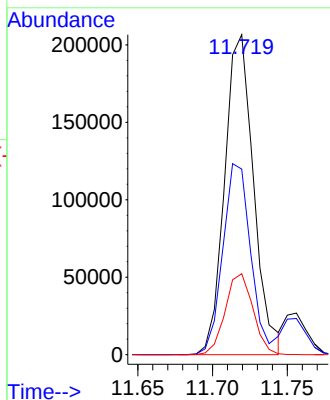
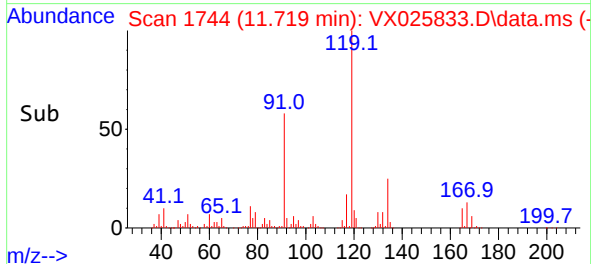
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



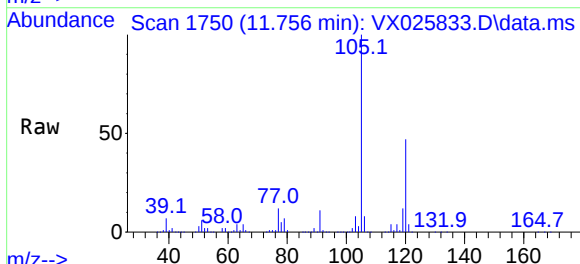
Tgt Ion:119 Resp: 278740
Ion Ratio Lower Upper
119 100
91 57.0 28.7 86.1
134 24.3 11.9 35.9

Manual Integrations
APPROVED

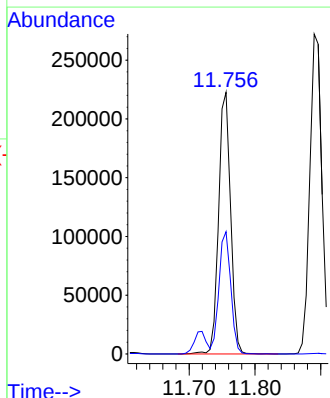
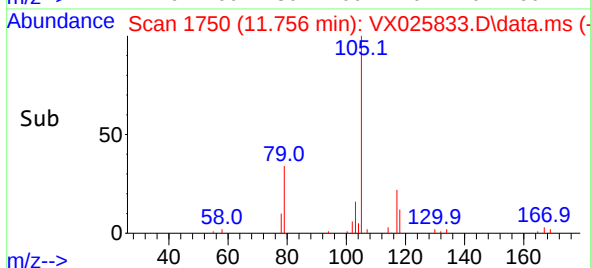
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

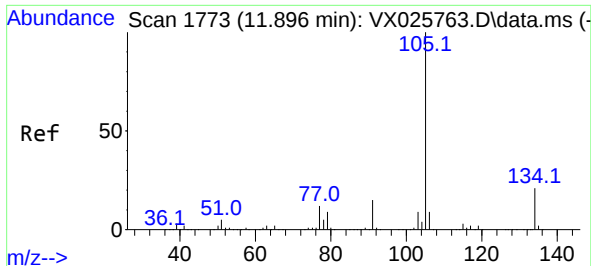


#84
1,2,4-Trimethylbenzene
Concen: 50.955 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



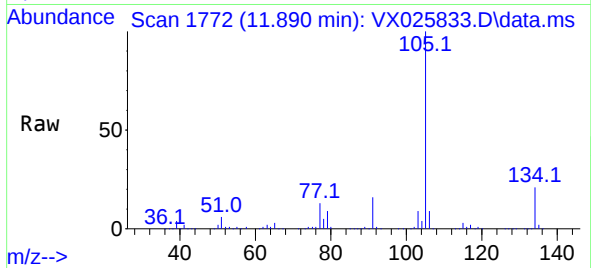
Tgt Ion:105 Resp: 281833
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 52.989 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. -0.006 min
 Lab File: VX025833.D
 Acq: 15 Dec 2021 22:31

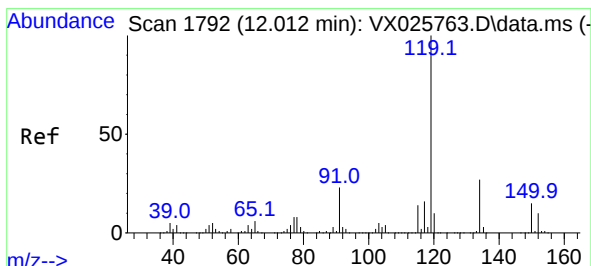
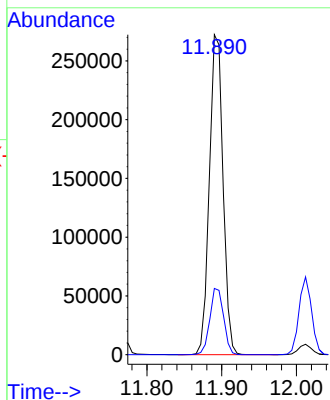
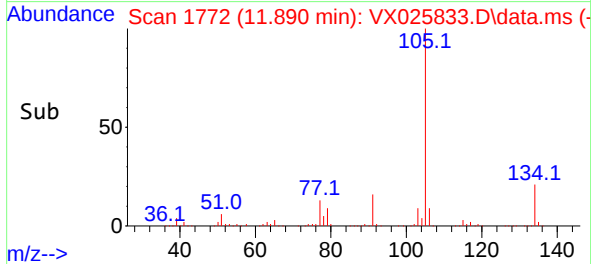
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



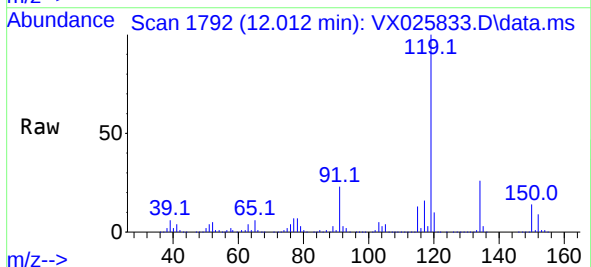
Tgt Ion:105 Resp: 34565
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
 APPROVED

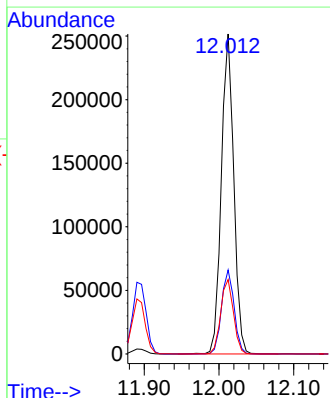
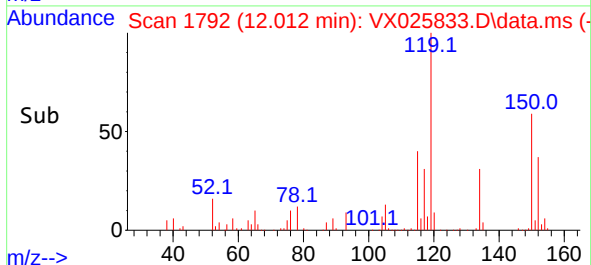
Reviewed By :John Carlone 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021

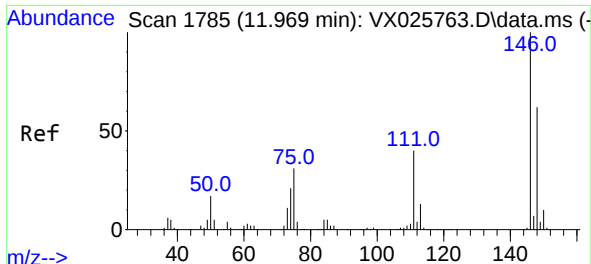


#86
 p-Isopropyltoluene
 Concen: 53.151 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025833.D
 Acq: 15 Dec 2021 22:31



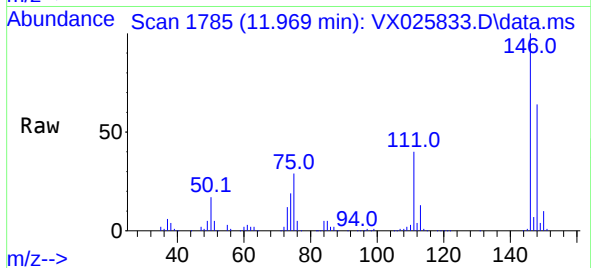
Tgt Ion:119 Resp: 291177
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 23.9 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 48.749 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

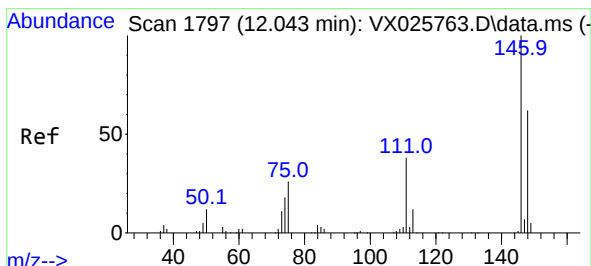
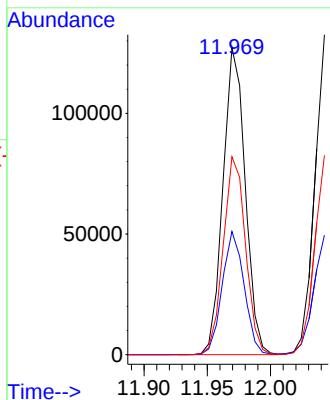
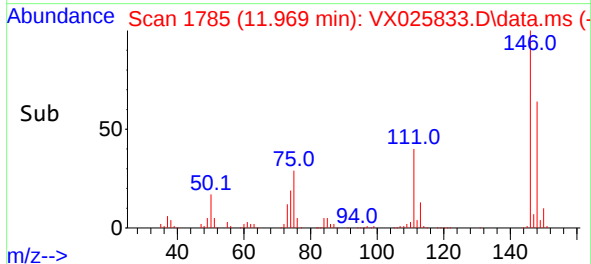
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



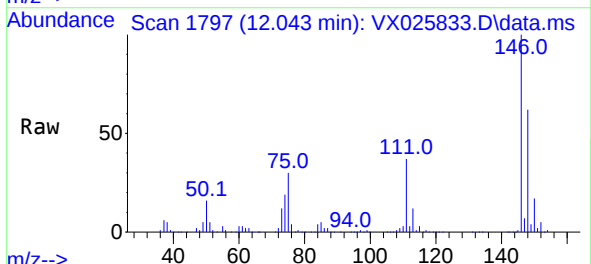
Tgt Ion:146 Resp: 155530
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.6
148 64.8 31.9 95.5

Manual Integrations
APPROVED

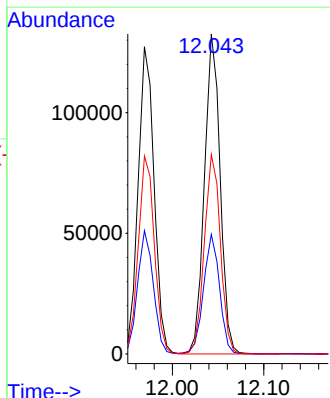
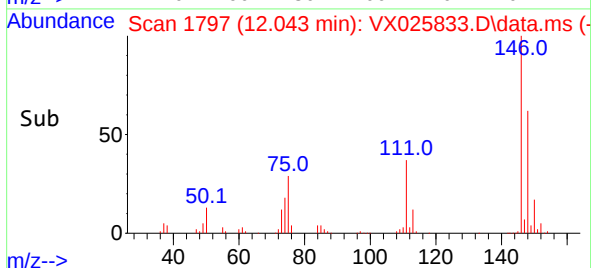
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021

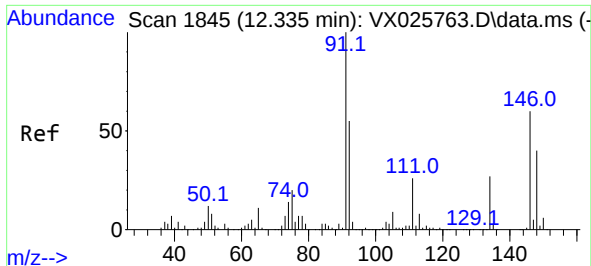


#88
1,4-Dichlorobenzene
Concen: 48.586 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



Tgt Ion:146 Resp: 158269
Ion Ratio Lower Upper
146 100
111 38.2 19.9 59.7
148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 52.494 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025833.D

Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 23988

Ion Ratio Lower Upper

91 100

92 54.0 27.3 81.8

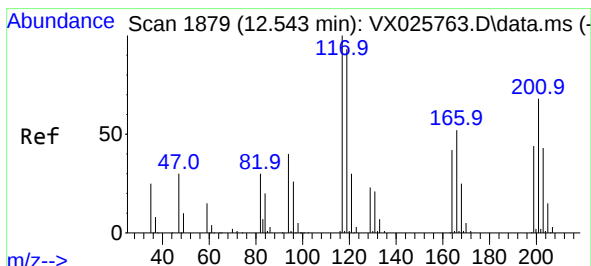
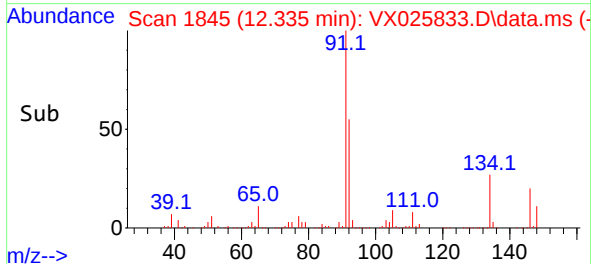
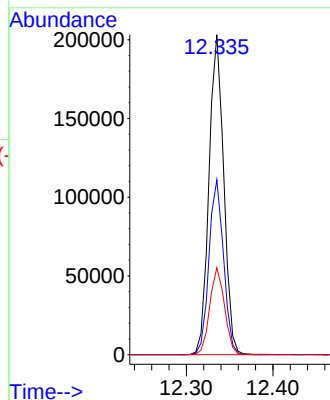
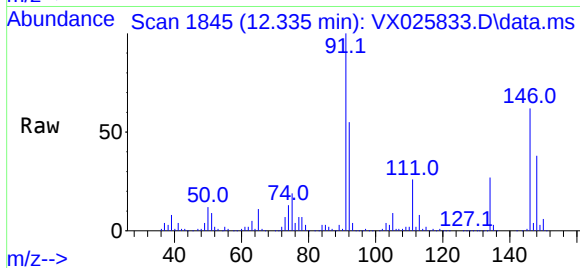
134 27.2 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/21/2021



#90

Hexachloroethane

Concen: 40.521 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX025833.D

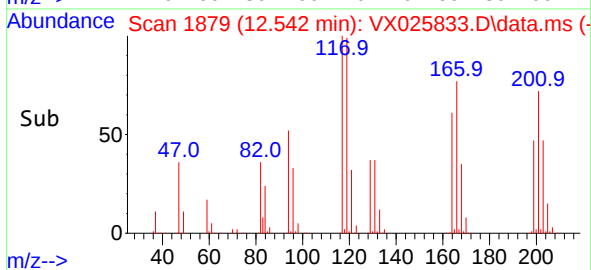
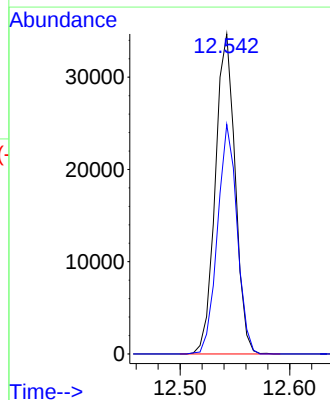
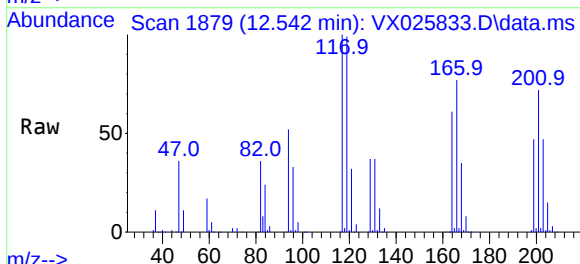
Acq: 15 Dec 2021 22:31

Tgt Ion:117 Resp: 43627

Ion Ratio Lower Upper

117 100

201 70.9 35.4 106.3





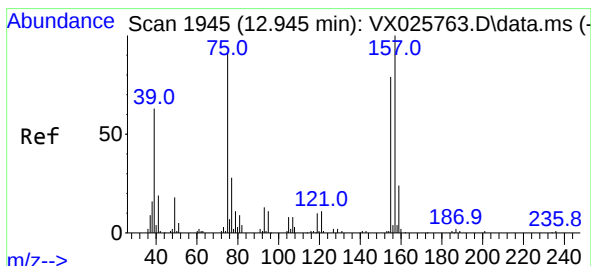
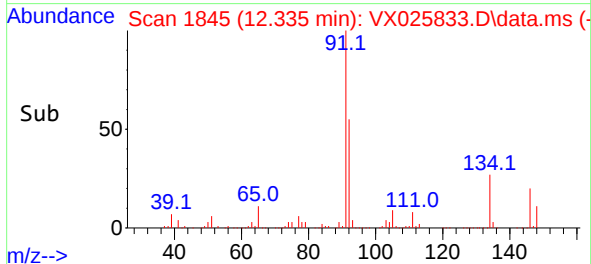
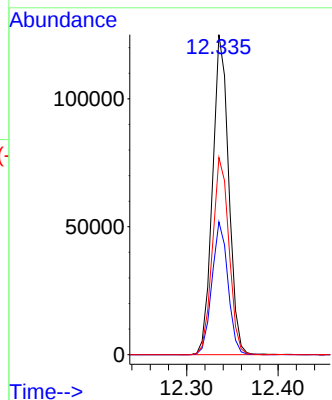
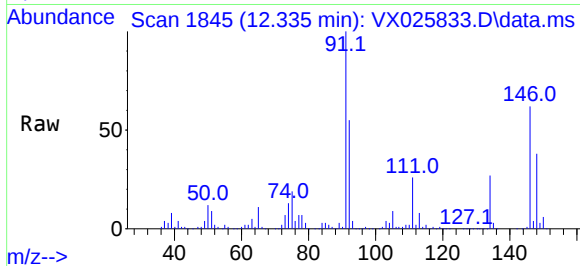
#91
1,2-Dichlorobenzene
Concen: 50.212 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 152993
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 63.0 31.9 95.7

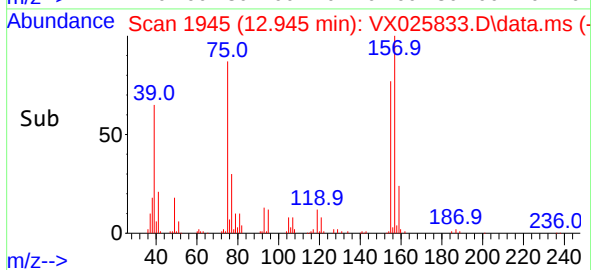
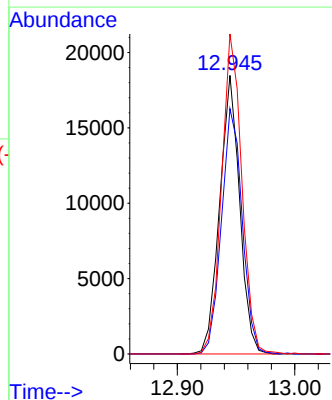
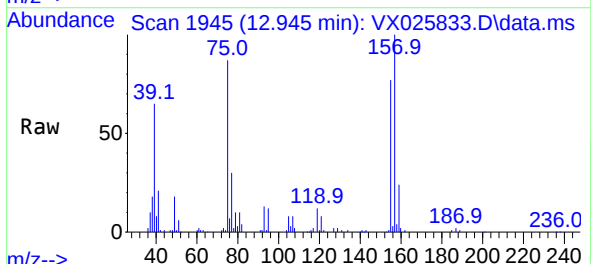
Manual Integrations
APPROVED

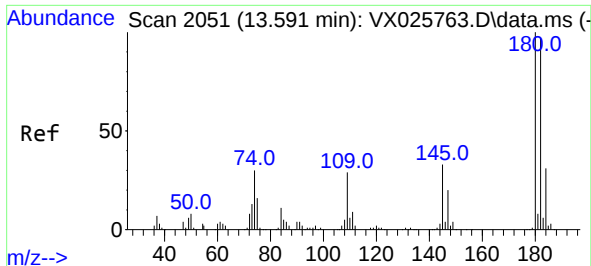
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.750 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion: 75 Resp: 21829
Ion Ratio Lower Upper
75 100
155 91.5 44.0 131.8
157 116.3 55.5 166.5





#93
1,2,4-Trichlorobenzene
Concen: 47.846 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

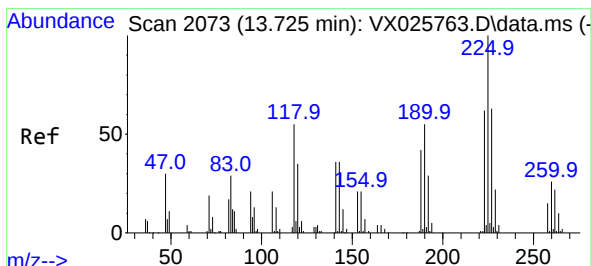
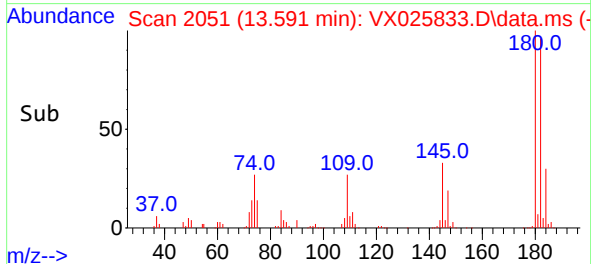
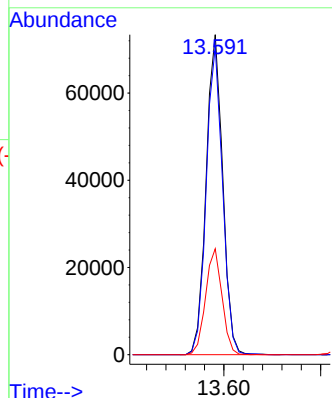
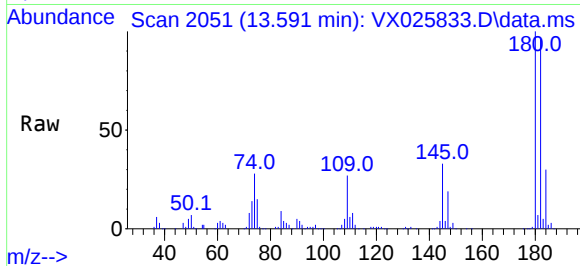
VSTDCCC050EC

Tgt Ion:180 Resp: 8756
Ion Ratio Lower Upper
180 100
182 94.9 47.2 141.6
145 32.8 16.3 48.9

Manual Integrations

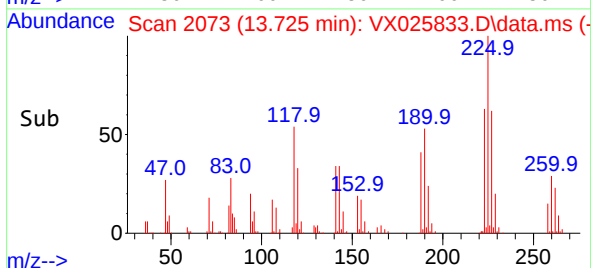
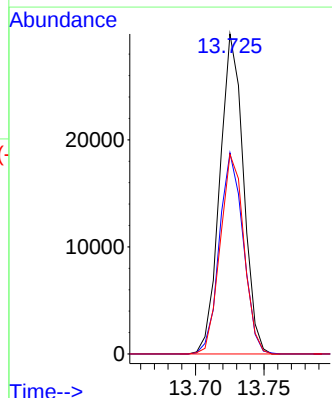
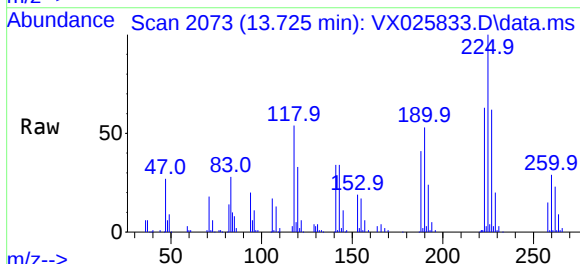
APPROVED

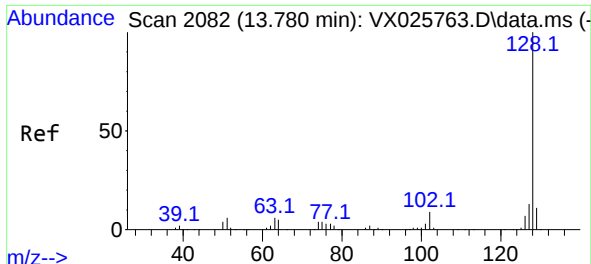
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/21/2021



#94
Hexachlorobutadiene
Concen: 55.077 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Tgt Ion:225 Resp: 35697
Ion Ratio Lower Upper
225 100
223 63.5 31.6 95.0
227 62.7 32.5 97.5





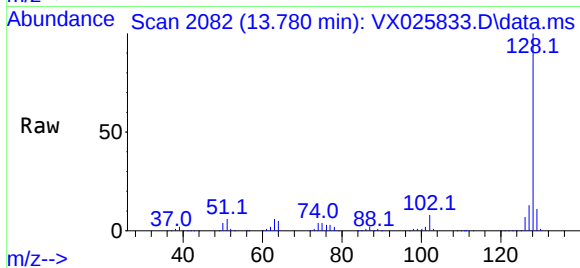
#95
Naphthalene
Concen: 48.220 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

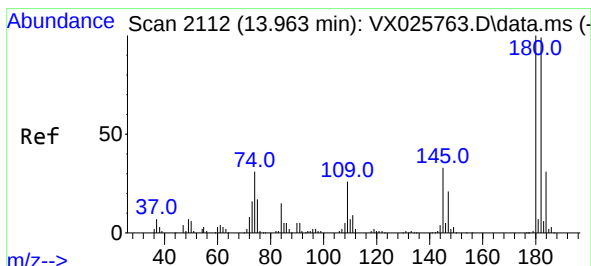
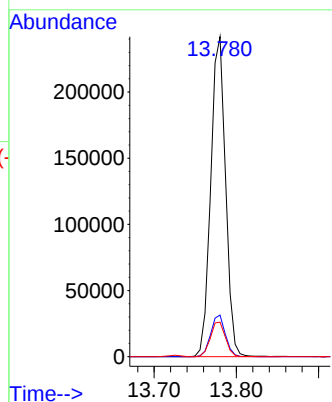
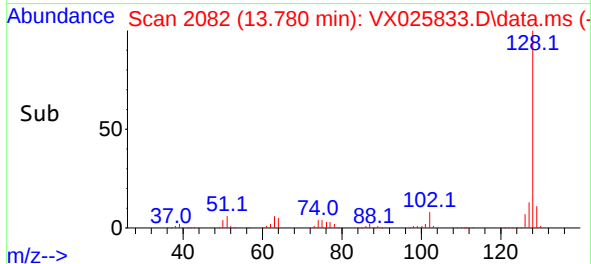


Tgt Ion:128 Resp: 302412
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

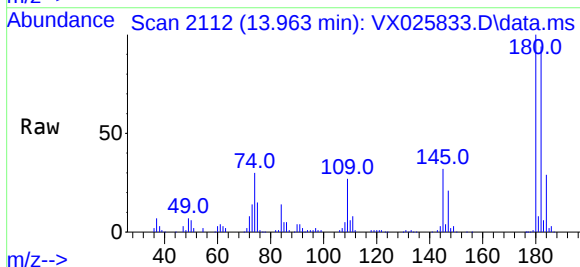
Manual Integrations

APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.274 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025833.D
Acq: 15 Dec 2021 22:31



Tgt Ion:180 Resp: 89473
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.6
145 32.5 16.7 50.1

