

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025870.D
 Acq On : 16 Dec 2021 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 17 02:38:34 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	5.562	168	124119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77834	43.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.160%		
35) Dibromofluoromethane	5.391	113	64602	45.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	8.653	98	243784	47.119	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.240%		
62) 4-Bromofluorobenzene	11.085	95	92975	47.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69821	62.899	ug/l	99
3) Chloromethane	1.295	50	71813	49.683	ug/l	99
4) Vinyl Chloride	1.374	62	76404	49.695	ug/l	100
5) Bromomethane	1.599	94	44145	40.212	ug/l	100
6) Chloroethane	1.679	64	50859	45.672	ug/l	100
7) Trichlorofluoromethane	1.880	101	121685	47.915	ug/l	93
8) Diethyl Ether	2.136	74	45912	45.830	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	64777	49.016	ug/l	99
10) Methyl Iodide	2.453	142	82951	49.262	ug/l	99
11) Tert butyl alcohol	2.977	59	79873	222.963	ug/l	100
12) 1,1-Dichloroethene	2.319	96	62019	47.200	ug/l	99
13) Acrolein	2.239	56	63644	259.917	ug/l	100
14) Allyl chloride	2.666	41	103999	43.367	ug/l	97
15) Acrylonitrile	3.069	53	201046	240.402	ug/l	100
16) Acetone	2.386	43	175749	225.379	ug/l	100
17) Carbon Disulfide	2.508	76	143072	38.013	ug/l	98
18) Methyl Acetate	2.709	43	131290	48.235	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	220584	47.529	ug/l	100
20) Methylene Chloride	2.794	84	70992	46.297	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	68331	46.597	ug/l	97
22) Diisopropyl ether	3.770	45	223880	48.128	ug/l	91
23) Vinyl Acetate	3.727	43	876767	243.568	ug/l	100
24) 1,1-Dichloroethane	3.611	63	121403	45.708	ug/l	98
25) 2-Butanone	4.568	43	286834	238.804	ug/l	99
26) 2,2-Dichloropropane	4.477	77	74389	36.926	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	80059	46.044	ug/l	99
28) Bromochloromethane	4.904	49	56105	46.874	ug/l	99
29) Tetrahydrofuran	5.013	42	187374	245.359	ug/l	100
30) Chloroform	5.099	83	130278	44.722	ug/l	97
31) Cyclohexane	5.477	56	111576	51.376	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	115257	45.460	ug/l	98
36) 1,1-Dichloropropene	5.702	75	93590	48.601	ug/l	98
37) Ethyl Acetate	4.727	43	109759	51.302	ug/l	98
38) Carbon Tetrachloride	5.684	117	98588	44.002	ug/l	98
39) Methylcyclohexane	7.385	83	114891	53.322	ug/l	100
40) Benzene	6.044	78	279832	48.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	57819	48.832	ug/l	97
42) 1,2-Dichloroethane	6.092	62	101914	46.681	ug/l	100
43) Isopropyl Acetate	6.348	43	169708	49.235	ug/l	99
44) Trichloroethene	7.129	130	79003	49.401	ug/l	92
45) 1,2-Dichloropropane	7.434	63	70365	48.600	ug/l	96
46) Dibromomethane	7.586	93	52662	46.721	ug/l	96
47) Bromodichloromethane	7.824	83	96576	43.472	ug/l	94
48) Methyl methacrylate	7.696	41	83480	51.430	ug/l	99
49) 1,4-Dioxane	7.665	88	38263	1079.770	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	590502	261.699	ug/l	99
52) Toluene	8.720	92	184923	50.524	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	95380	45.043	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107181	46.259	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	75810	48.299	ug/l	96
56) Ethyl methacrylate	9.116	69	117660	52.196	ug/l	99
57) 1,3-Dichloropropane	9.311	76	126118	48.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	306387	276.504	ug/l	99
59) 2-Hexanone	9.433	43	453397	265.200	ug/l	99
60) Dibromochloromethane	9.525	129	77777	43.659	ug/l	99
61) 1,2-Dibromoethane	9.610	107	80064	47.044	ug/l	98
64) Tetrachloroethene	9.275	164	69598	44.372	ug/l	99
65) Chlorobenzene	10.080	112	201519	49.165	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	72522	45.309	ug/l	98
67) Ethyl Benzene	10.195	91	354371	51.126	ug/l	99
68) m/p-Xylenes	10.305	106	280277	103.918	ug/l	98
69) o-Xylene	10.646	106	140122	52.811	ug/l	98
70) Styrene	10.659	104	230260	52.152	ug/l	100
71) Bromoform	10.805	173	54804	41.564	ug/l #	100
73) Isopropylbenzene	10.964	105	357968	50.588	ug/l	100
74) N-amyl acetate	10.848	43	157827	55.453	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	120632	48.913	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	102195m	45.747	ug/l	
77) Bromobenzene	11.201	156	90784	50.017	ug/l	97
78) n-propylbenzene	11.305	91	407539	50.917	ug/l	99
79) 2-Chlorotoluene	11.366	91	247464	48.619	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	297189	50.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	26633	36.962	ug/l #	85
82) 4-Chlorotoluene	11.457	91	280140	49.152	ug/l	100
83) tert-Butylbenzene	11.719	119	301614	52.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	301502	51.427	ug/l	100
85) sec-Butylbenzene	11.890	105	371679	53.755	ug/l	99
86) p-Isopropyltoluene	12.012	119	316918	54.577	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	166648	49.276	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	165459	47.920	ug/l	99
89) n-Butylbenzene	12.335	91	261312	53.948	ug/l	100
90) Hexachloroethane	12.542	117	47988	42.050	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164599	50.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24242	43.742	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	96517	49.622	ug/l	98
94) Hexachlorobutadiene	13.725	225	39024	56.804	ug/l	98
95) Naphthalene	13.780	128	391334	58.336	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98895	51.253	ug/l	100

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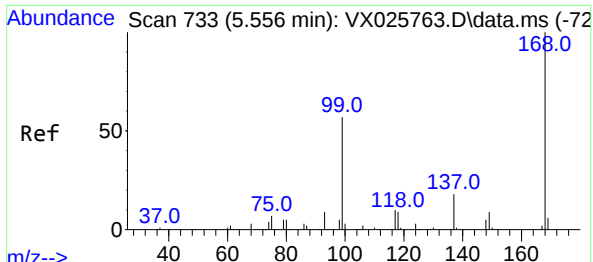
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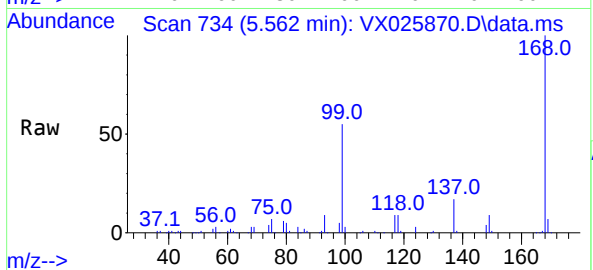
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
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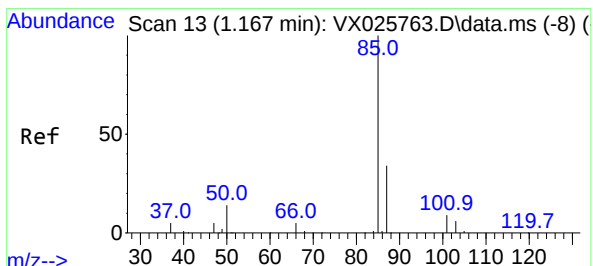
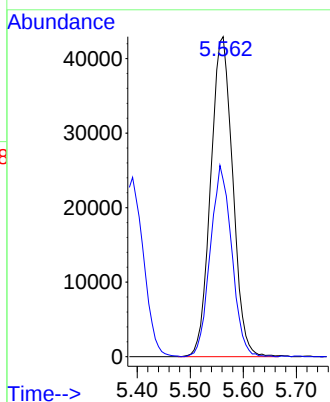
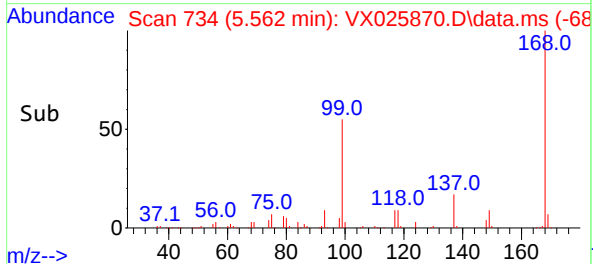
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ClientSampleId :
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Tgt Ion:168 Resp: 124119
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.8

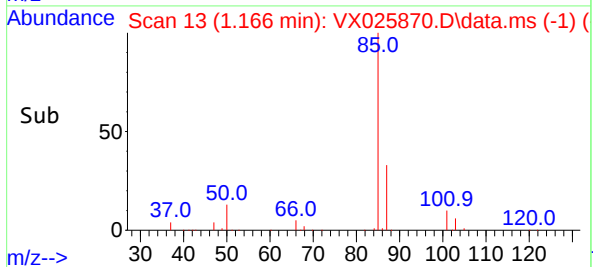
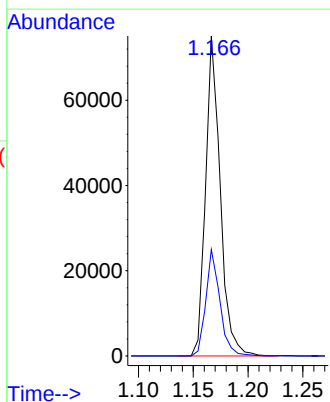
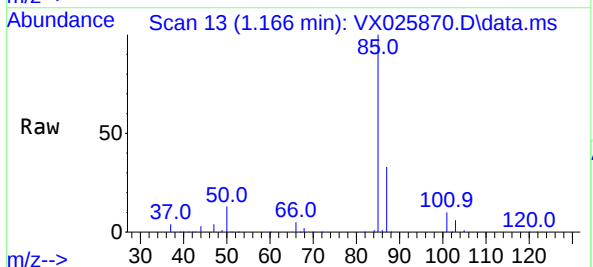
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#2
Dichlorodifluoromethane
Concen: 62.899 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 85 Resp: 69821
Ion Ratio Lower Upper
85 100
87 33.3 17.0 50.9





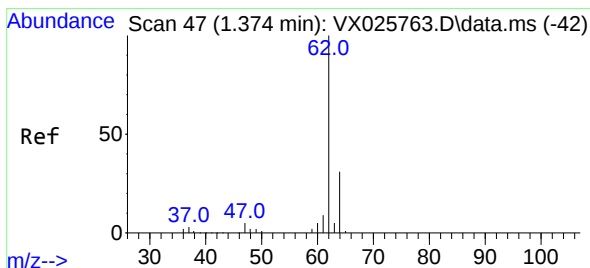
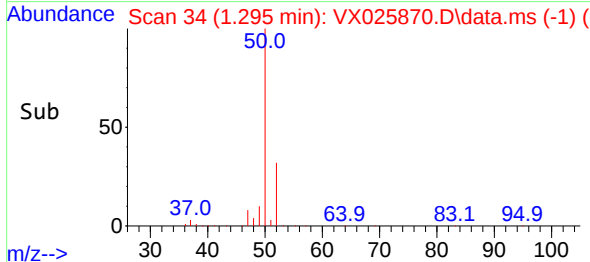
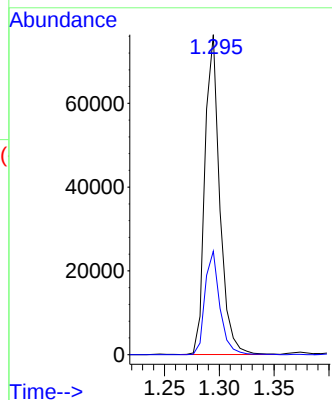
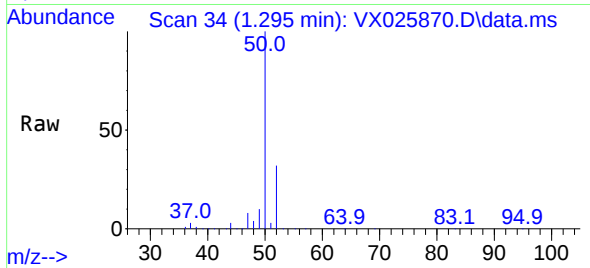
#3
Chloromethane
Concen: 49.683 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
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Tgt Ion: 50 Resp: 7181
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

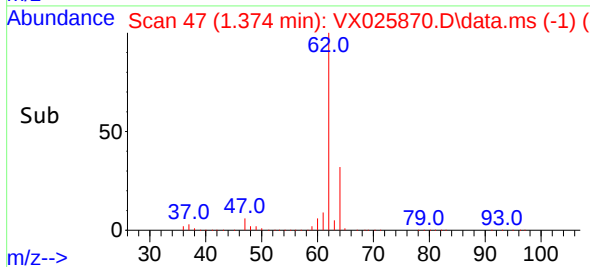
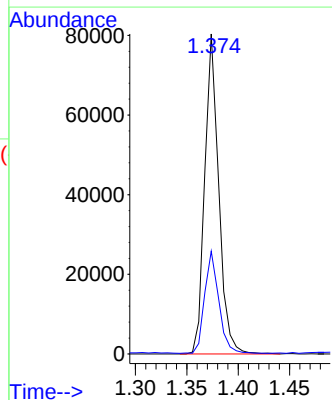
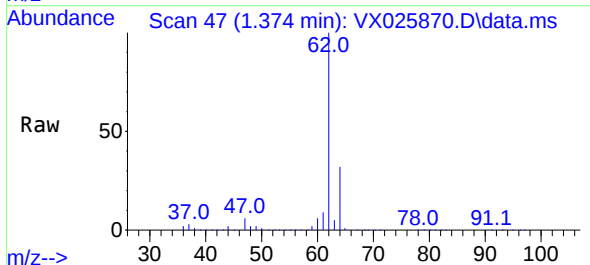
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#4
Vinyl Chloride
Concen: 49.695 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

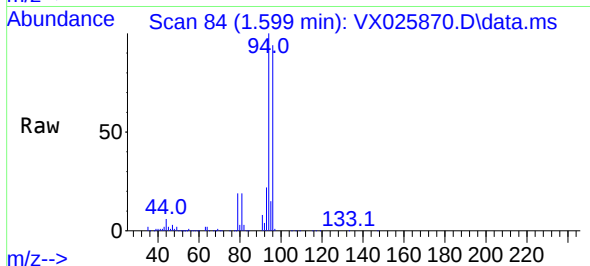
Tgt Ion: 62 Resp: 76404
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 40.212 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

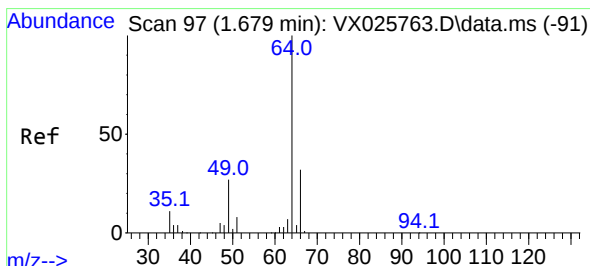
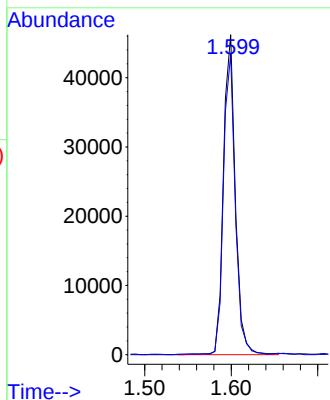
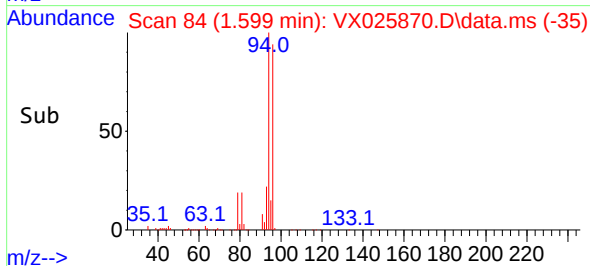
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4414
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.4

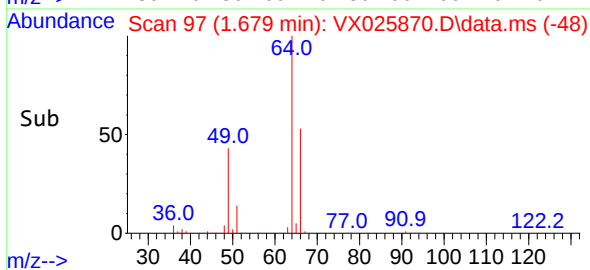
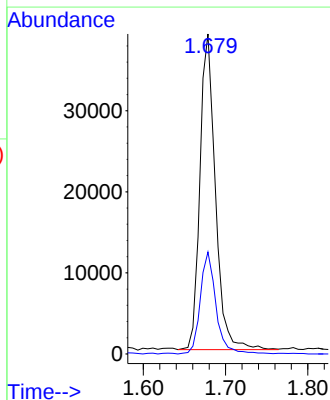
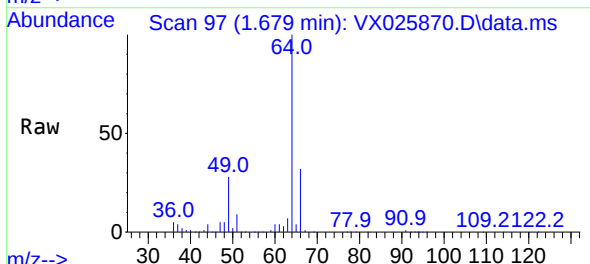
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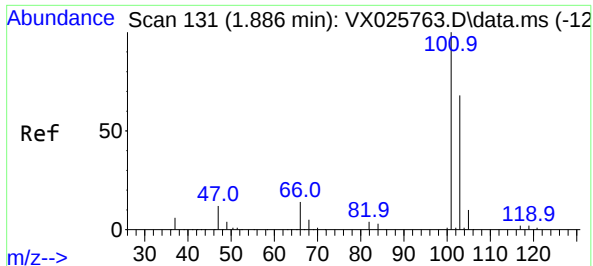
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#6
Chloroethane
Concen: 45.672 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

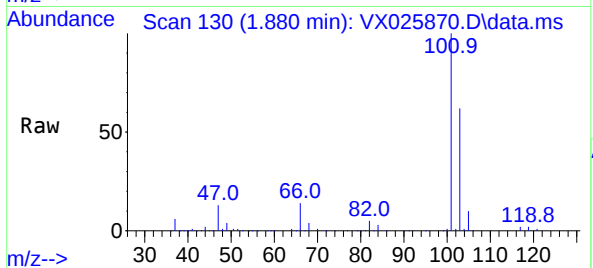
Tgt Ion: 64 Resp: 50859
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 47.915 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025870.D
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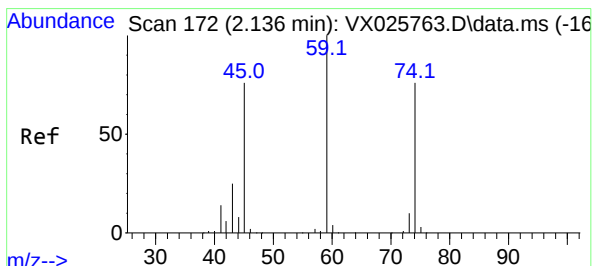
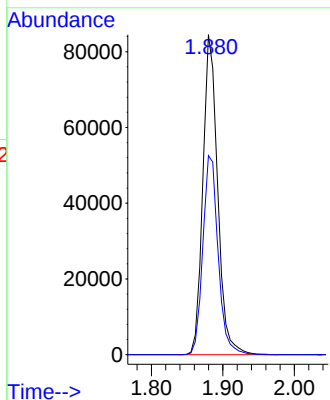
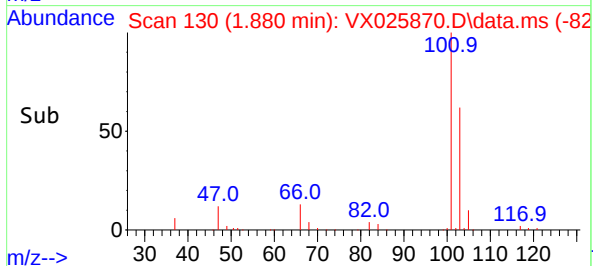
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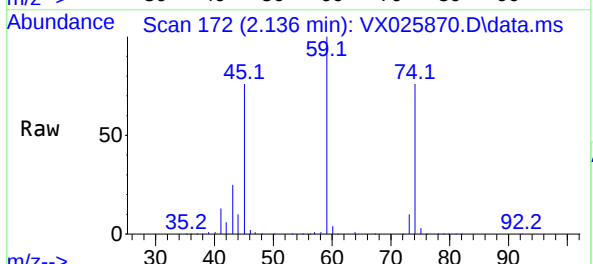
Tgt Ion:101 Resp: 12168
Ion Ratio Lower Upper
101 100
103 62.2 54.1 81.1

Manual Integrations
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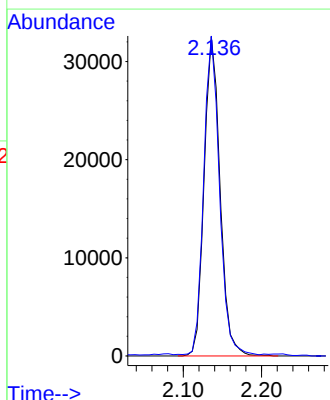
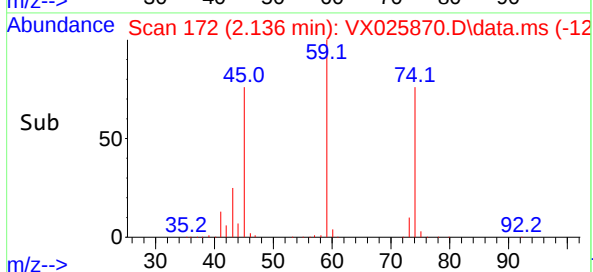
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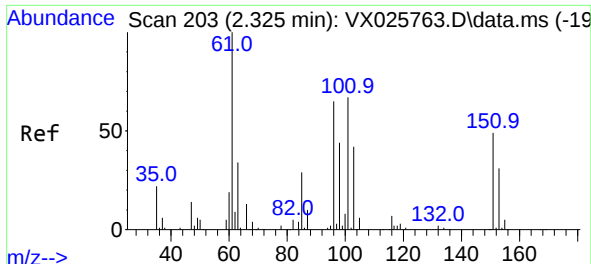


#8
Diethyl Ether
Concen: 45.830 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025870.D
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Tgt Ion: 74 Resp: 45912
Ion Ratio Lower Upper
74 100
45 98.5 50.4 151.2





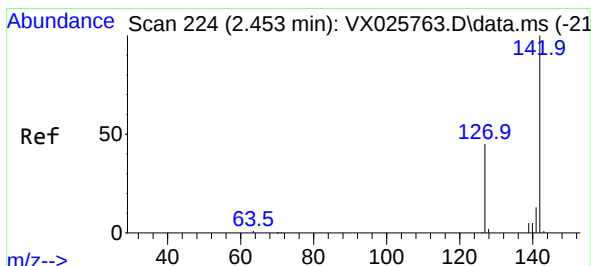
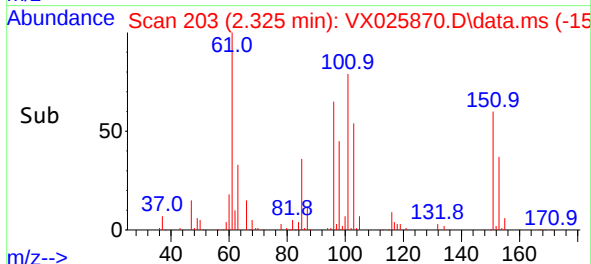
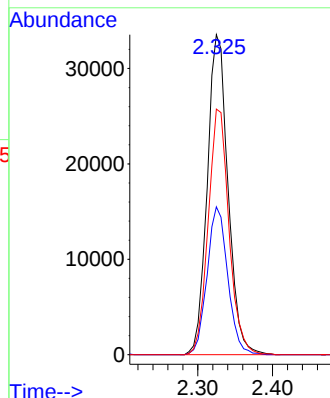
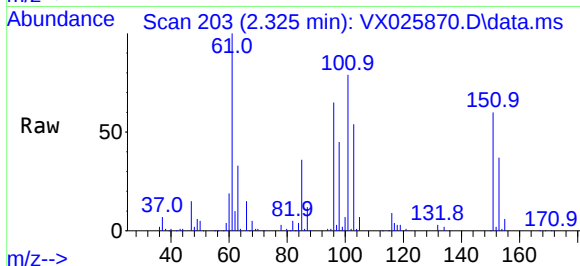
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.016 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 6477
Ion Ratio Lower Upper
101 100
85 46.0 36.5 54.7
151 76.8 60.6 90.8

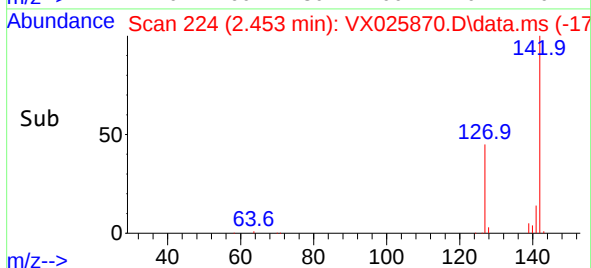
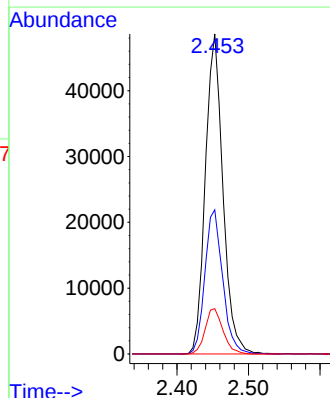
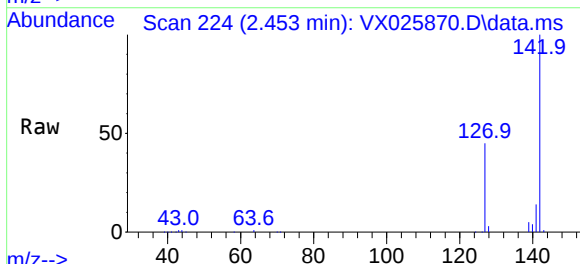
Manual Integrations
APPROVED

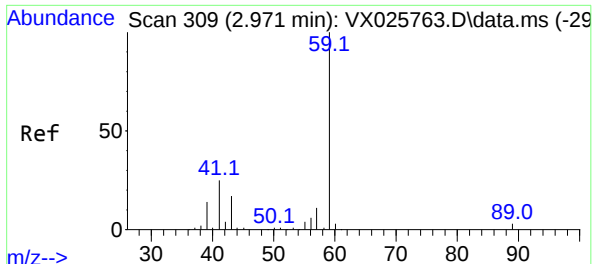
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#10
Methyl Iodide
Concen: 49.262 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:142 Resp: 82951
Ion Ratio Lower Upper
142 100
127 45.7 37.5 56.3
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 222.963 ug/l

RT: 2.977 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 7987

Ion Ratio Lower Upper

59 100

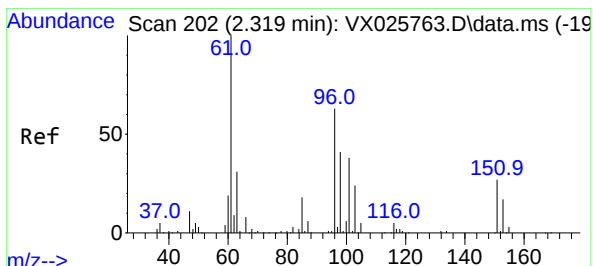
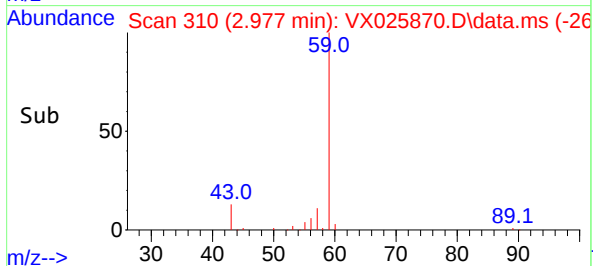
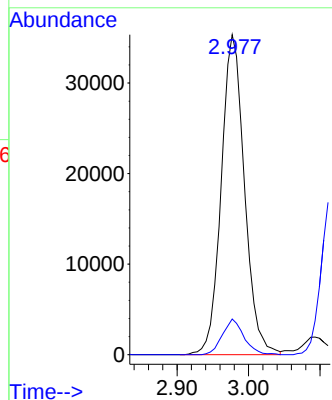
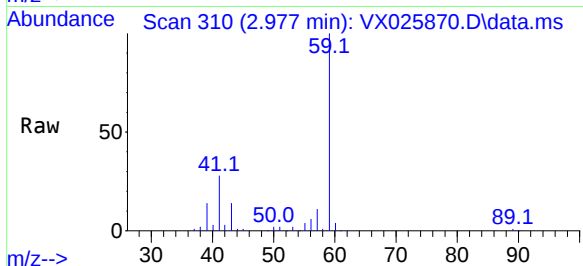
57 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#12

1,1-Dichloroethene

Concen: 47.200 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

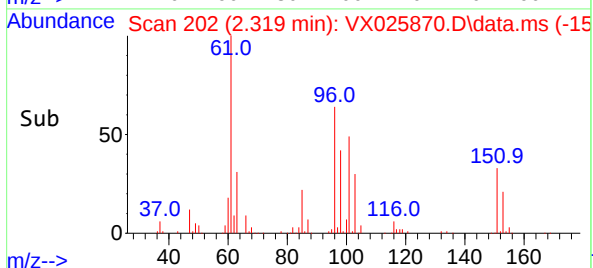
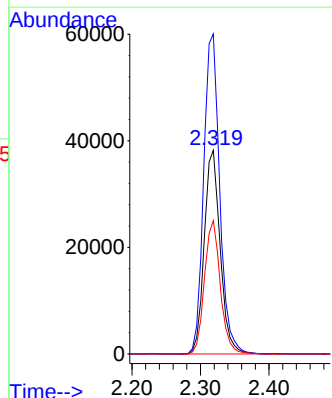
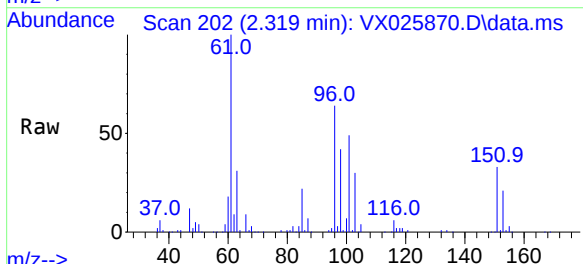
Tgt Ion: 96 Resp: 62019

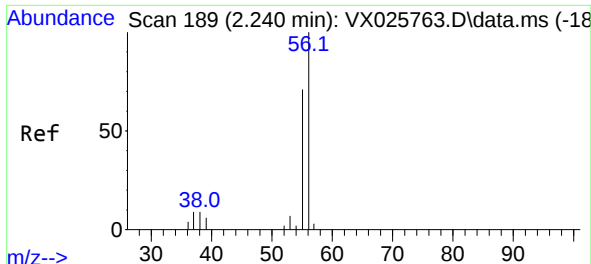
Ion Ratio Lower Upper

96 100

61 157.1 127.5 191.3

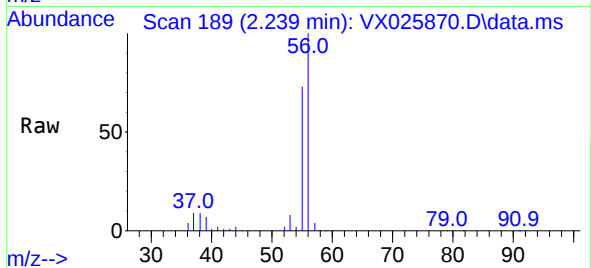
98 65.4 52.0 78.0





#13
Acrolein
Concen: 259.917 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

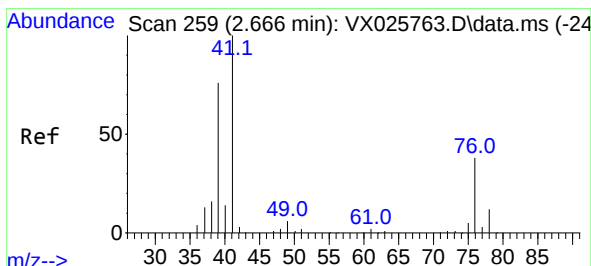
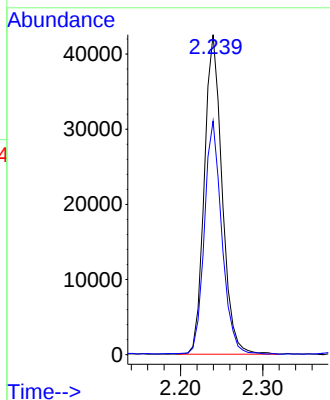
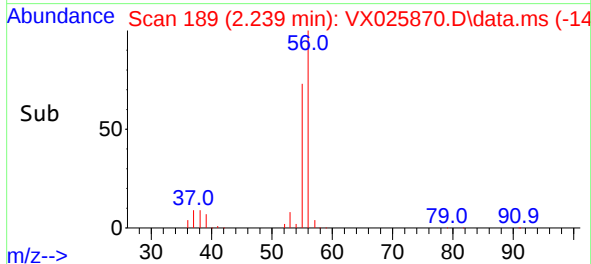
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 63644
Ion Ratio Lower Upper
56 100
55 71.8 57.4 86.2

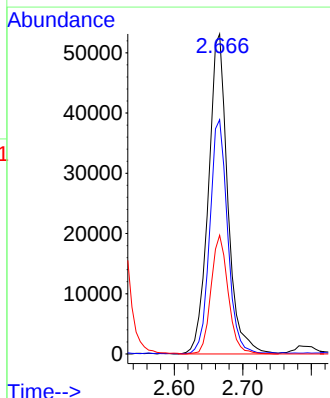
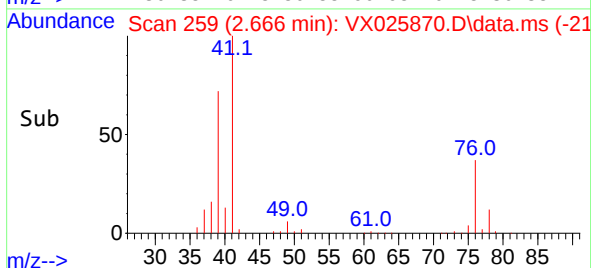
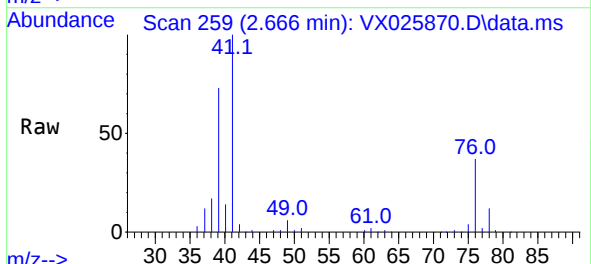
Manual Integrations
APPROVED

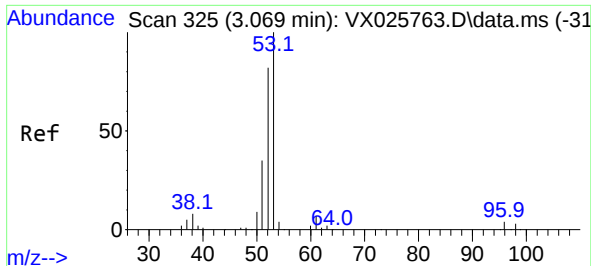
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#14
Allyl chloride
Concen: 43.367 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

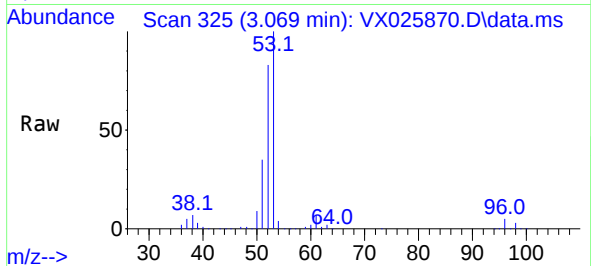
Tgt Ion: 41 Resp: 103999
Ion Ratio Lower Upper
41 100
39 67.3 55.4 83.0
76 32.9 27.6 41.4





#15
Acrylonitrile
Concen: 240.402 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

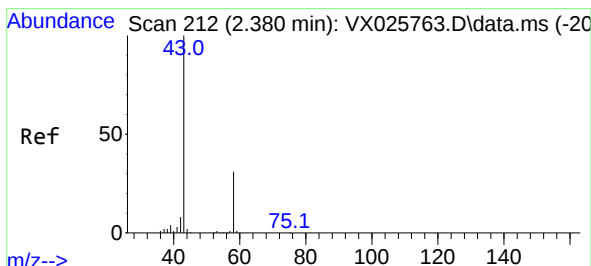
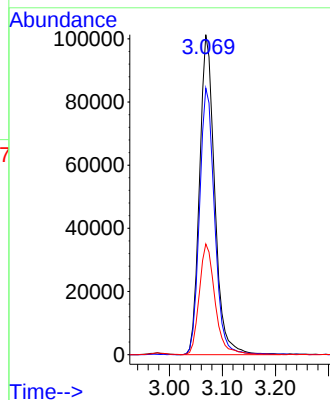
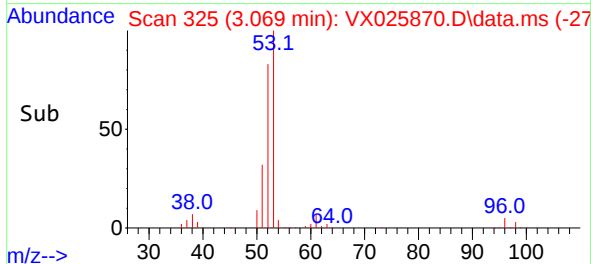
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 201040
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.1 29.4 44.0

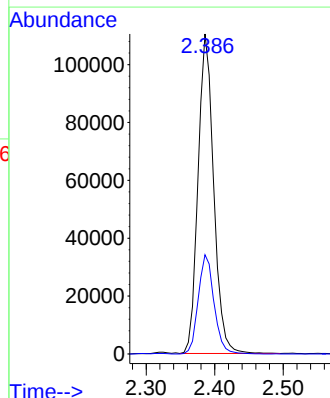
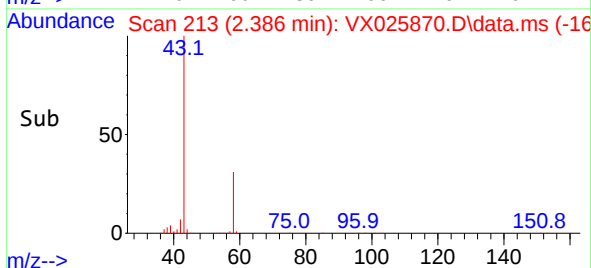
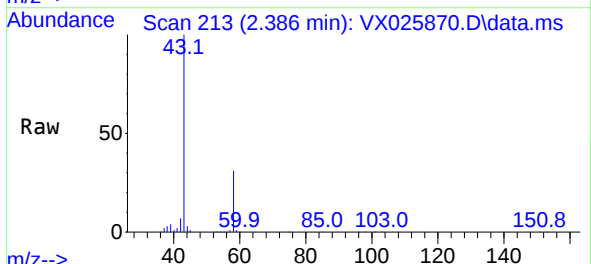
Manual Integrations
APPROVED

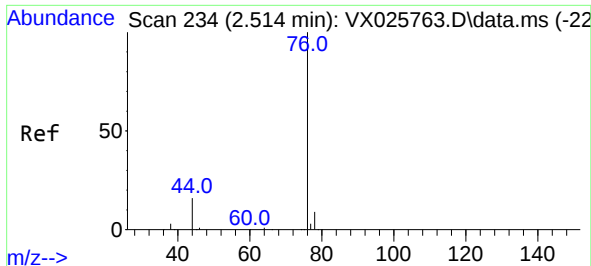
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#16
Acetone
Concen: 225.379 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 43 Resp: 175749
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





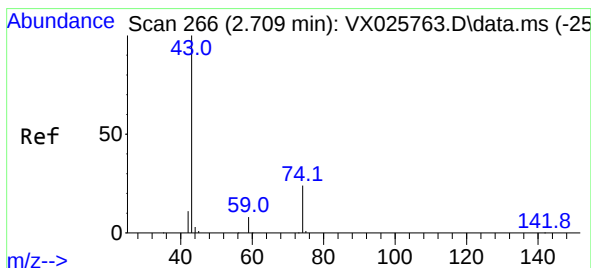
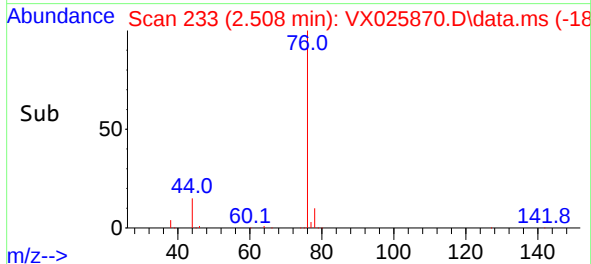
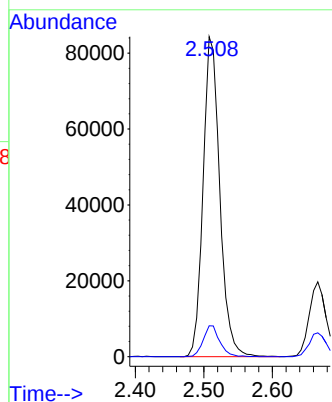
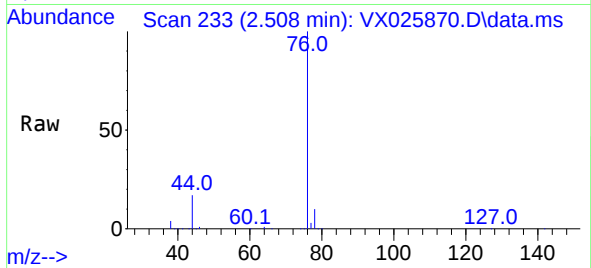
#17
Carbon Disulfide
Concen: 38.013 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 143072
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

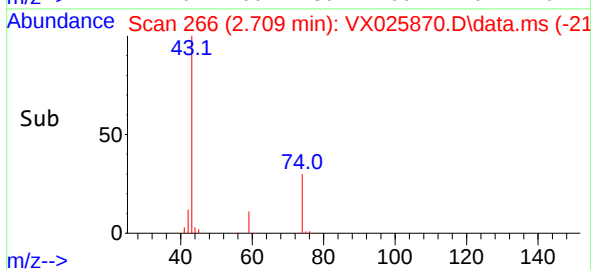
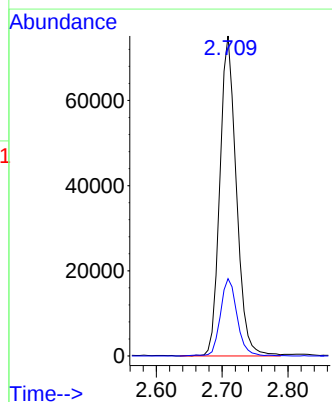
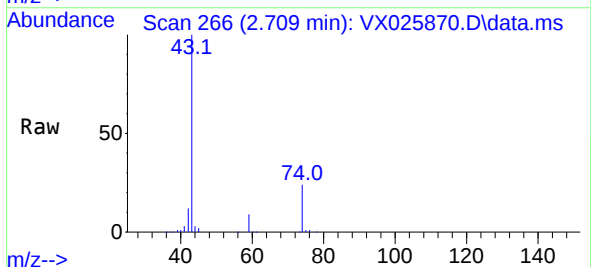
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#18
Methyl Acetate
Concen: 48.235 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

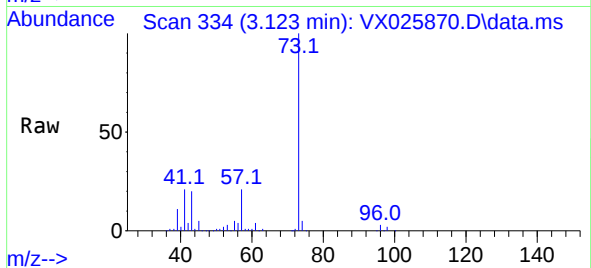
Tgt Ion: 43 Resp: 131290
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 47.529 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

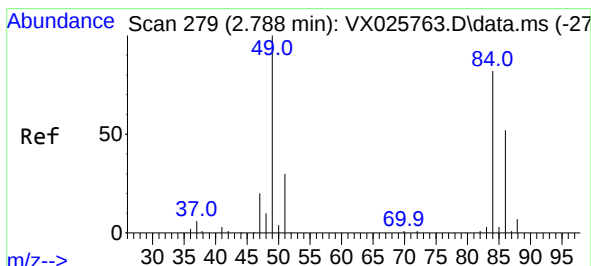
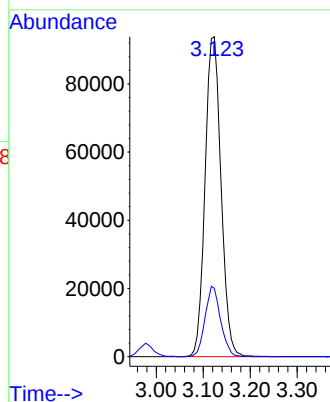
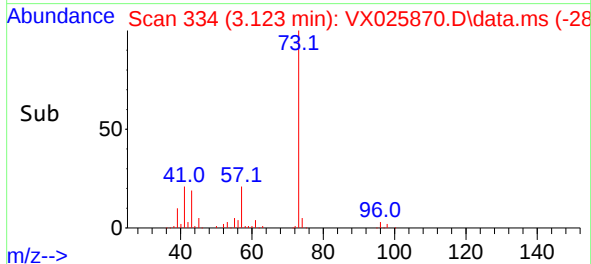
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



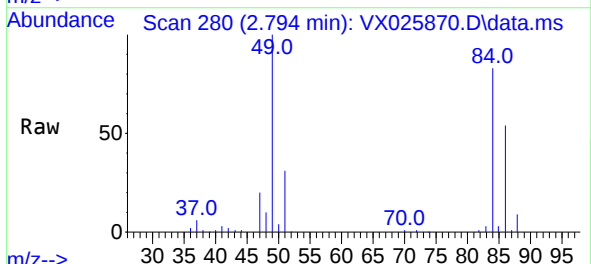
Tgt Ion: 73 Resp: 220584
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6

Manual Integrations
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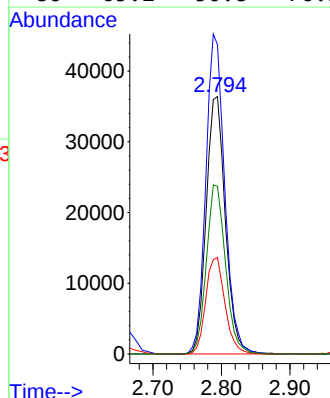
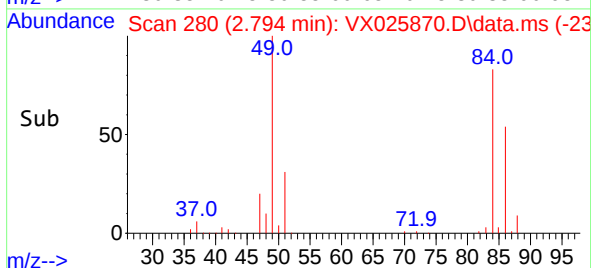
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

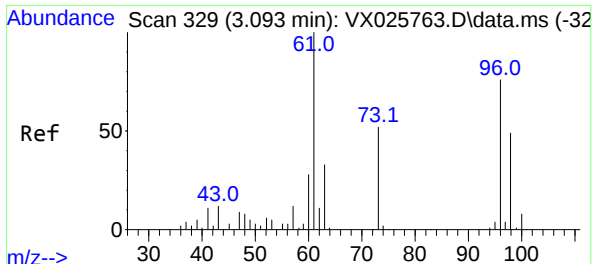


#20
Methylene Chloride
Concen: 46.297 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



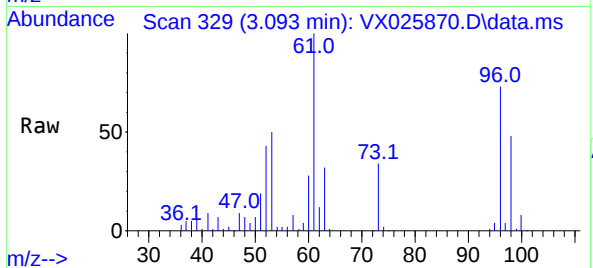
Tgt Ion: 84 Resp: 70992
Ion Ratio Lower Upper
84 100
49 120.1 97.1 145.7
51 37.5 29.3 43.9
86 65.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 46.597 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

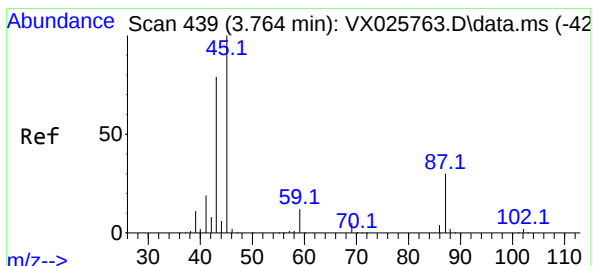
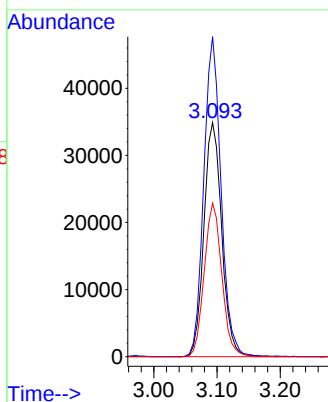
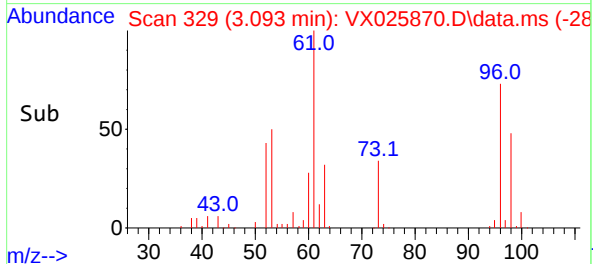
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



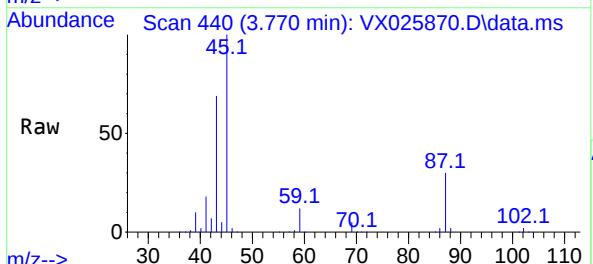
Tgt Ion: 96 Resp: 6833
Ion Ratio Lower Upper
96 100
61 136.7 105.7 158.5
98 65.6 52.1 78.1

Manual Integrations
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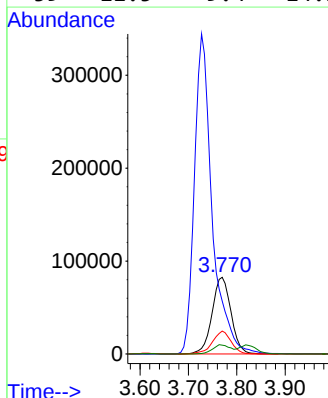
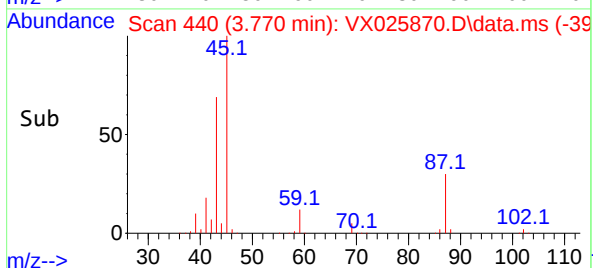
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

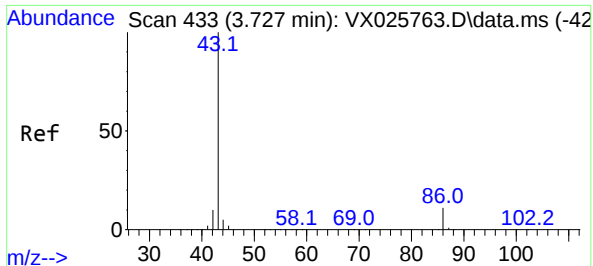


#22
Diisopropyl ether
Concen: 48.128 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 45 Resp: 223880
Ion Ratio Lower Upper
45 100
43 68.5 63.8 95.6
87 29.8 24.2 36.4
59 11.5 9.4 14.2





#23
 Vinyl Acetate
 Concen: 243.568 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025870.D
 Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

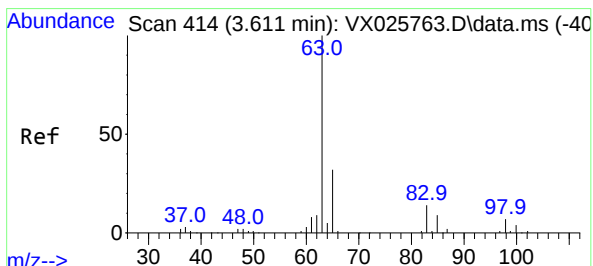
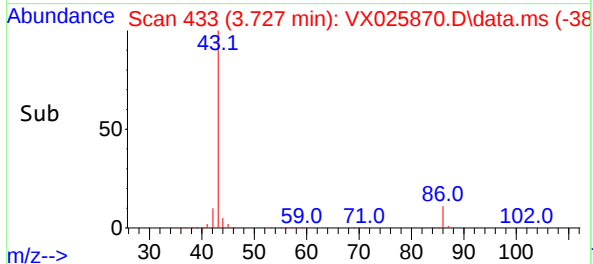
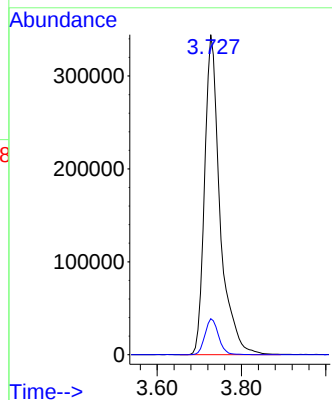
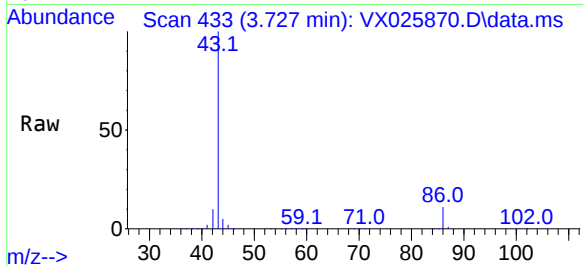
VSTDCCC050EC

Tgt Ion: 43 Resp: 87676
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.6

Manual Integrations

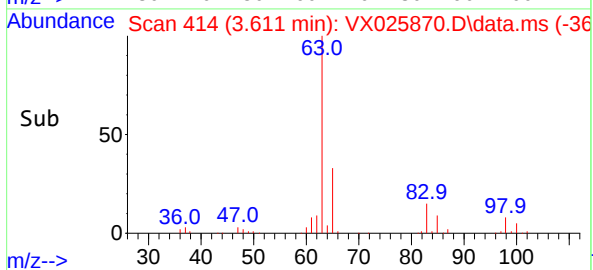
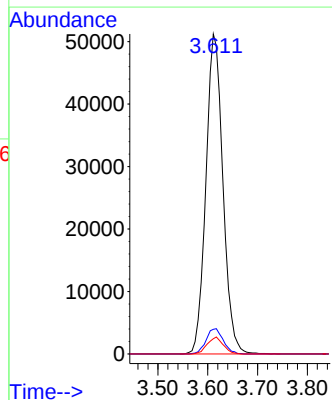
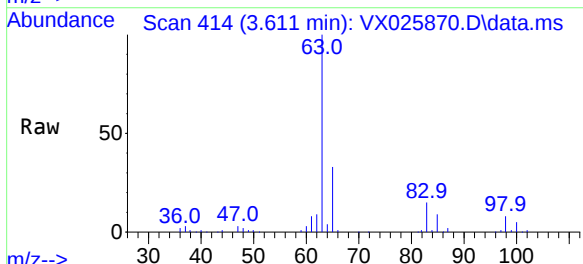
APPROVED

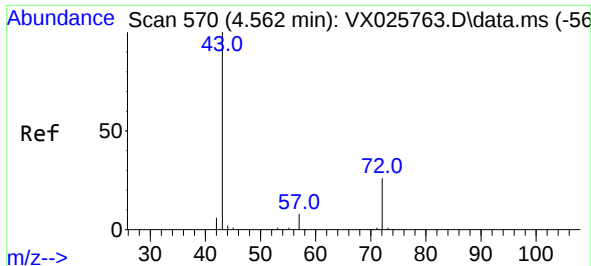
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/22/2021



#24
 1,1-Dichloroethane
 Concen: 45.708 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025870.D
 Acq: 16 Dec 2021 21:01

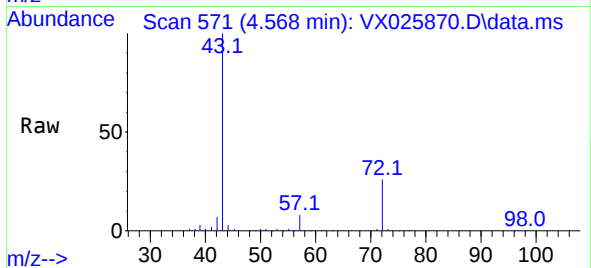
Tgt Ion: 63 Resp: 121403
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.7 2.2 6.6





#25
2-Butanone
Concen: 238.804 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

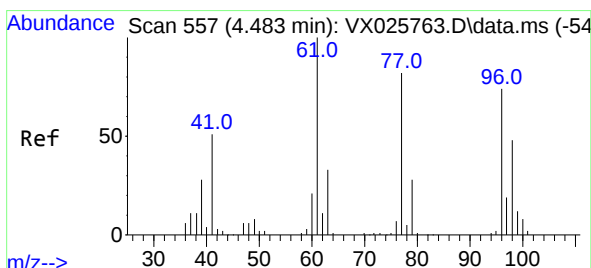
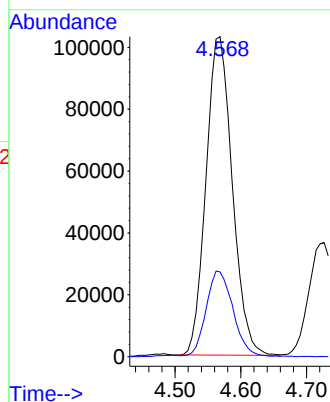
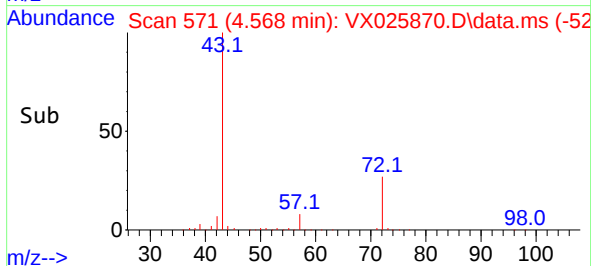
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 286834
Ion Ratio Lower Upper
43 100
72 26.5 21.0 31.4

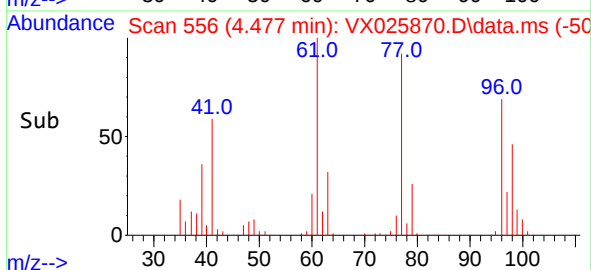
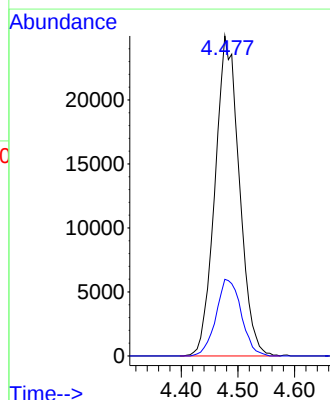
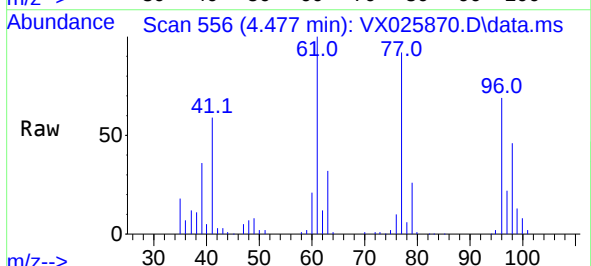
Manual Integrations
APPROVED

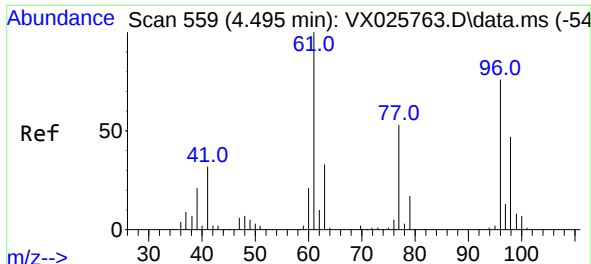
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#26
2,2-Dichloropropane
Concen: 36.926 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 77 Resp: 74389
Ion Ratio Lower Upper
77 100
97 24.8 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 46.044 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

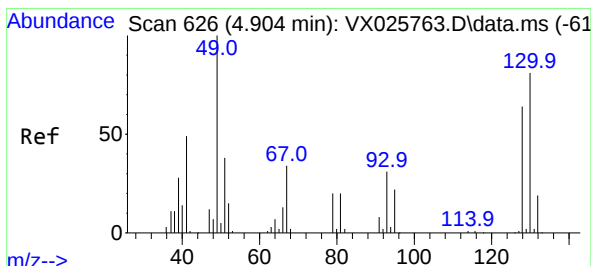
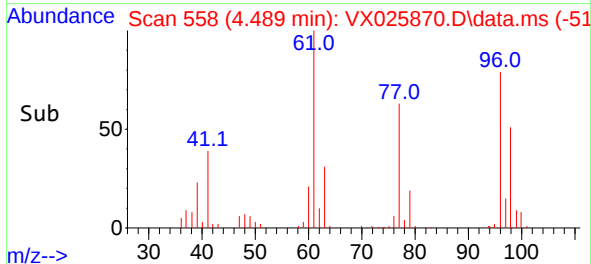
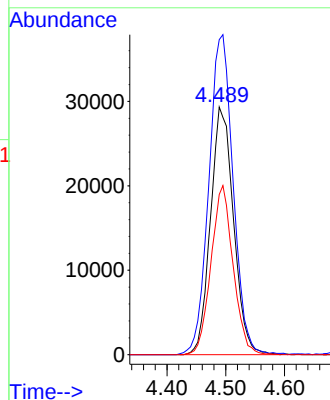
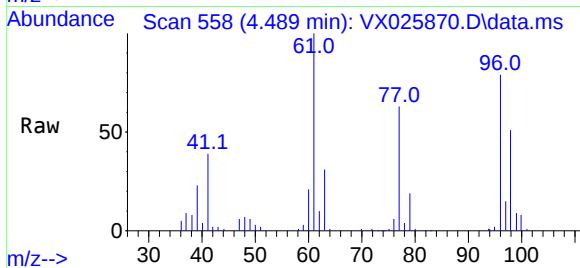
VSTDCCC050EC

Tgt Ion: 96 Resp: 8005
Ion Ratio Lower Upper
96 100
61 136.0 0.0 276.8
98 65.4 0.0 130.6

Manual Integrations

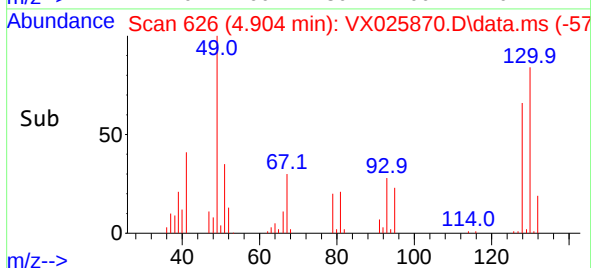
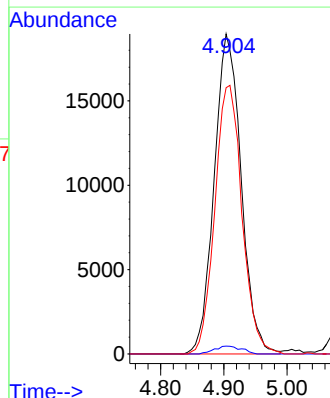
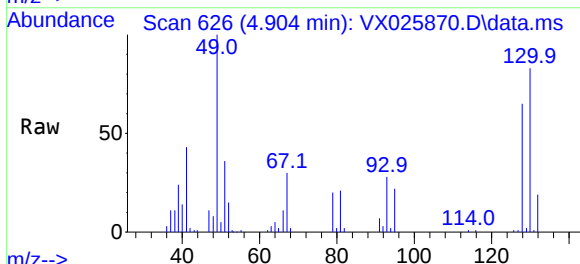
APPROVED

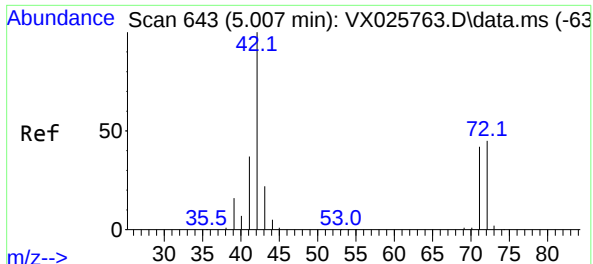
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#28
Bromochloromethane
Concen: 46.874 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 49 Resp: 56105
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 84.6 67.1 100.7





#29

Tetrahydrofuran

Concen: 245.359 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 187374

Ion Ratio Lower Upper

42 100

72 45.9 37.0 55.6

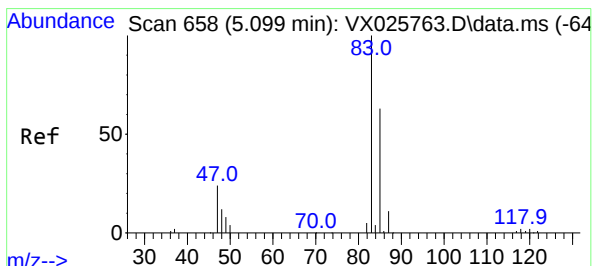
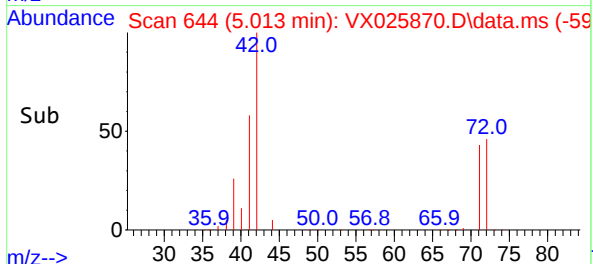
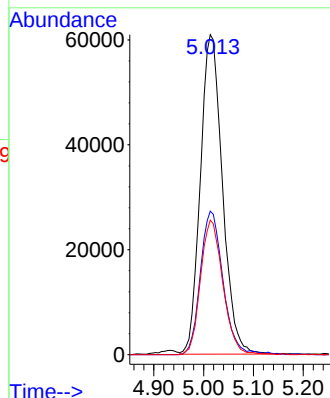
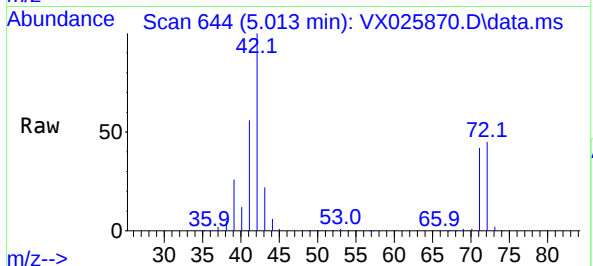
71 42.5 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#30

Chloroform

Concen: 44.722 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX025870.D

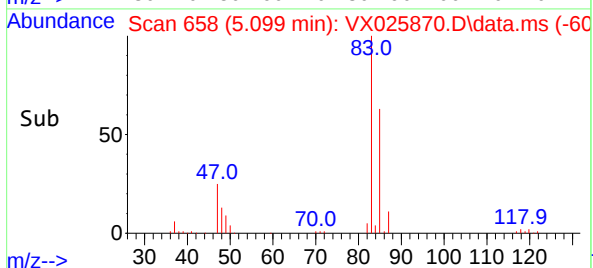
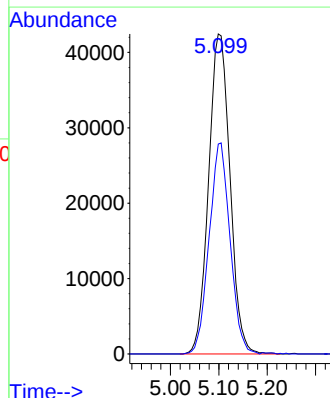
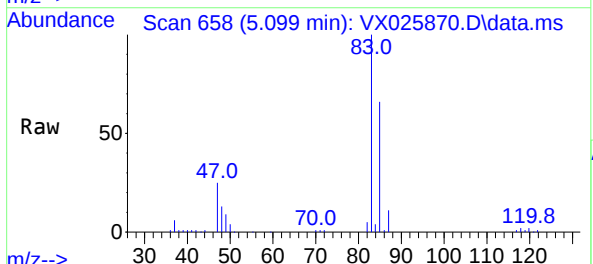
Acq: 16 Dec 2021 21:01

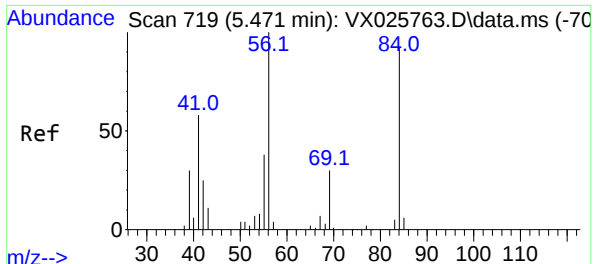
Tgt Ion: 83 Resp: 130278

Ion Ratio Lower Upper

83 100

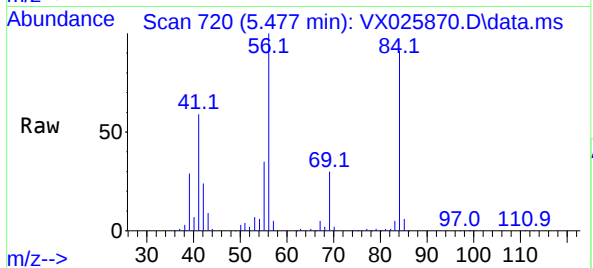
85 65.6 50.6 75.8





#31
Cyclohexane
Concen: 51.376 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

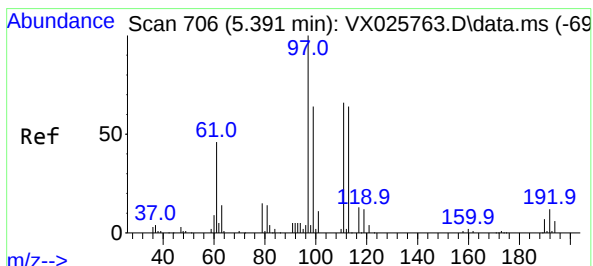
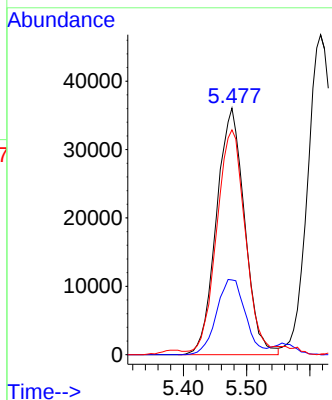
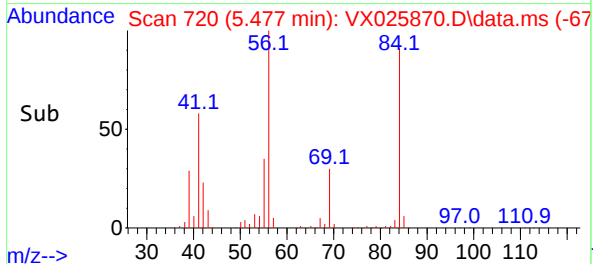
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



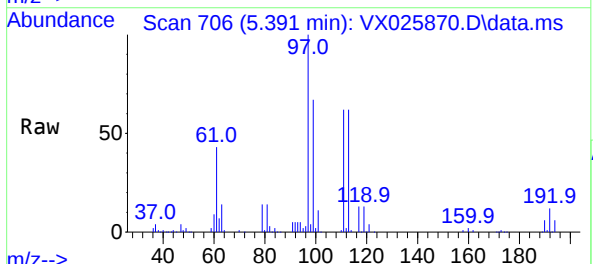
Tgt Ion: 56 Resp: 111570
Ion Ratio Lower Upper
56 100
69 30.3 23.9 35.9
84 89.4 73.2 109.8

Manual Integrations
APPROVED

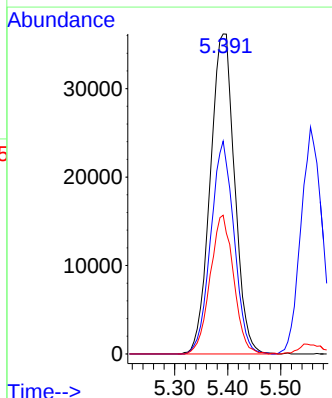
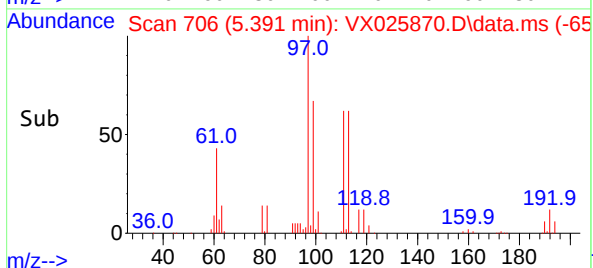
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

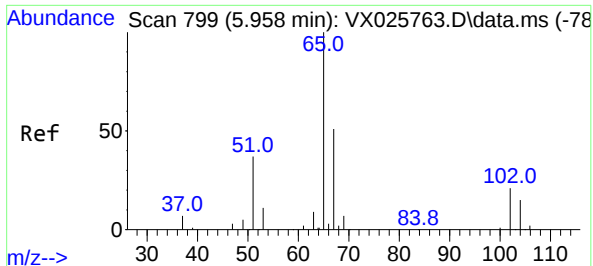


#32
1,1,1-Trichloroethane
Concen: 45.460 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 97 Resp: 115257
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 41.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 43.584 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 77834

Ion Ratio Lower Upper

65 100

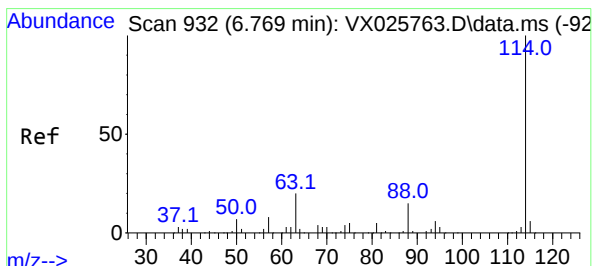
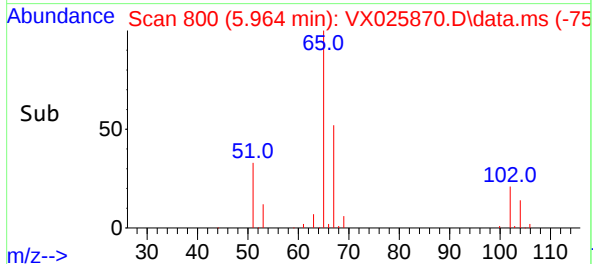
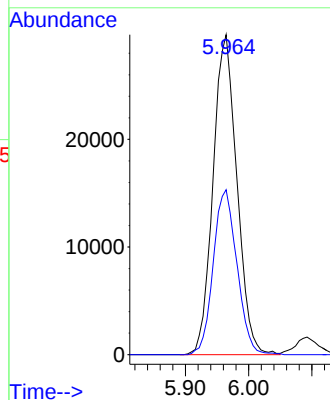
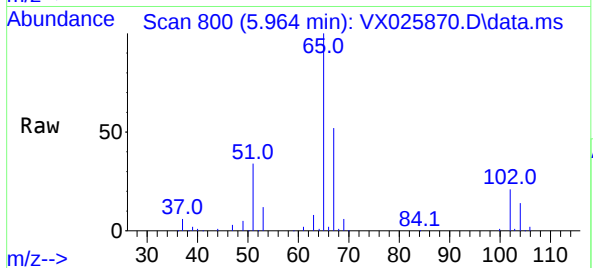
67 51.2 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

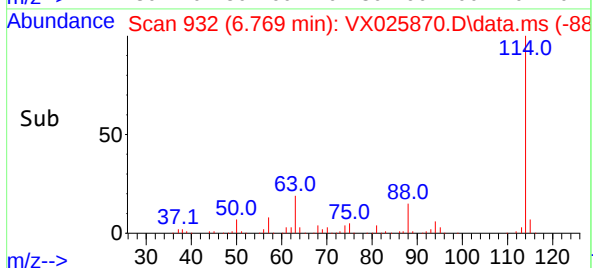
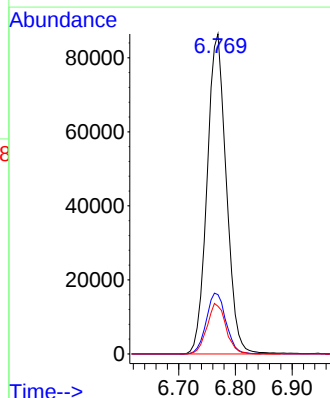
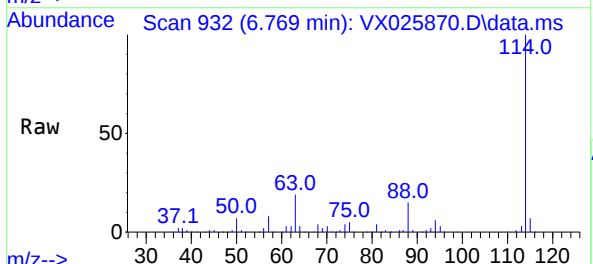
Tgt Ion:114 Resp: 203610

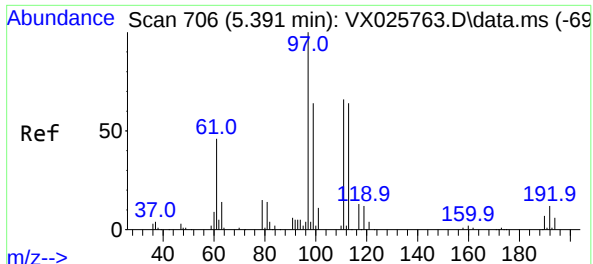
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.494 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 64602

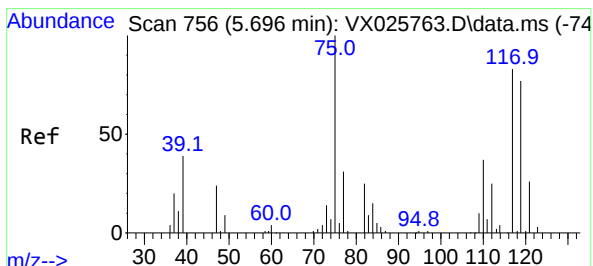
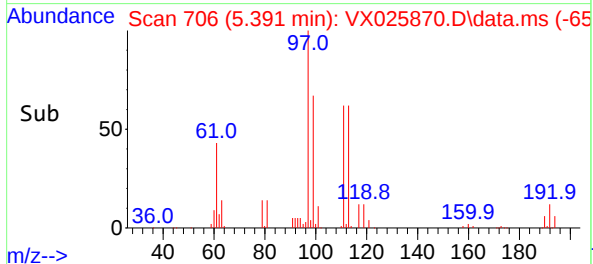
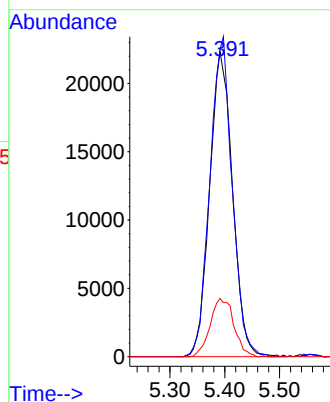
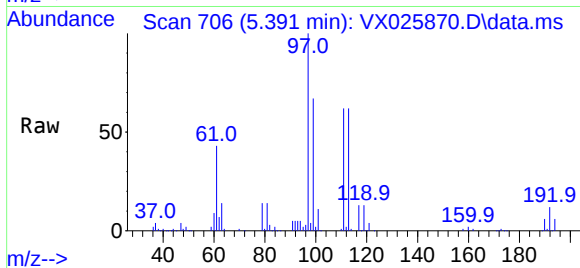
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	19.8	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#36

1,1-Dichloropropene

Concen: 48.601 ug/l

RT: 5.702 min Scan# 757

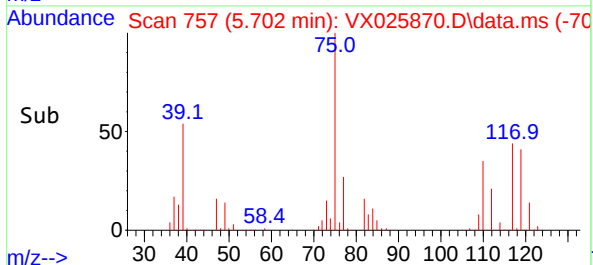
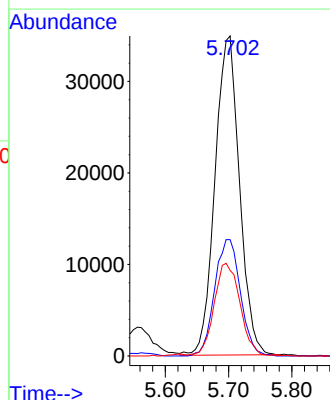
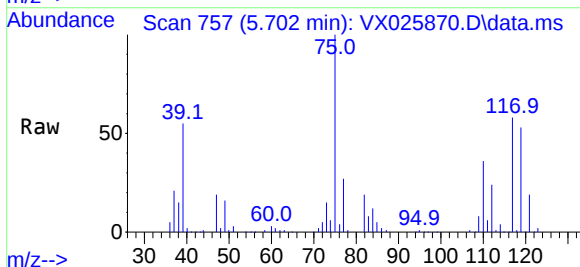
Delta R.T. 0.006 min

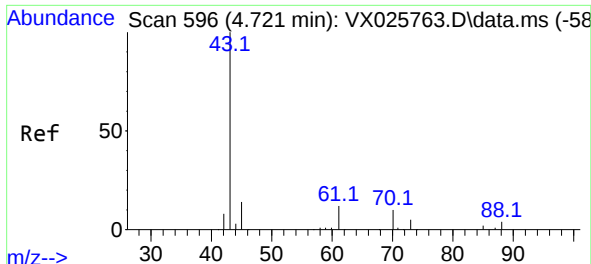
Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Tgt Ion: 75 Resp: 93590

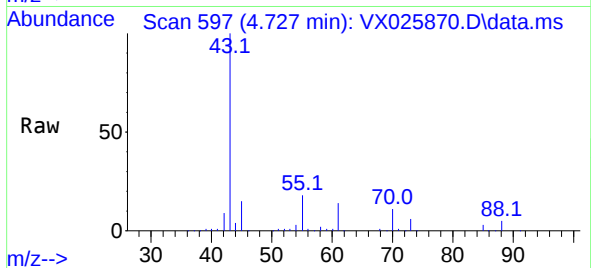
Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.2	54.6
77	30.8	24.7	37.1





#37
Ethyl Acetate
Concen: 51.302 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

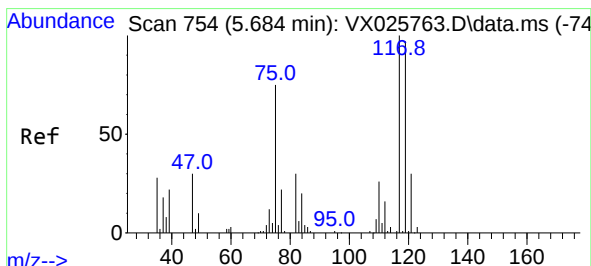
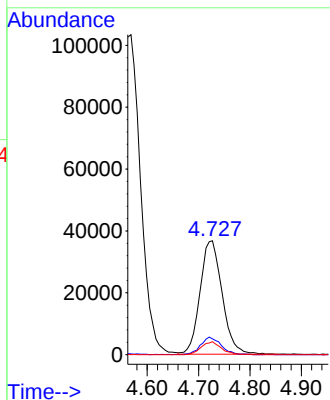
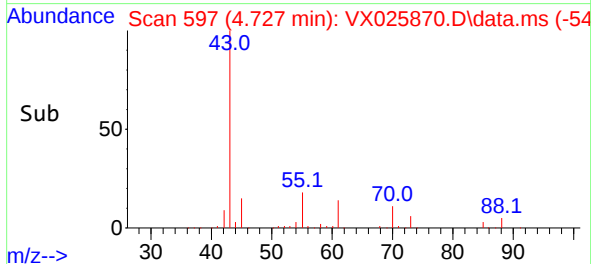
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 109759
Ion Ratio Lower Upper
43 100
61 14.4 10.7 16.1
70 10.4 8.5 12.7

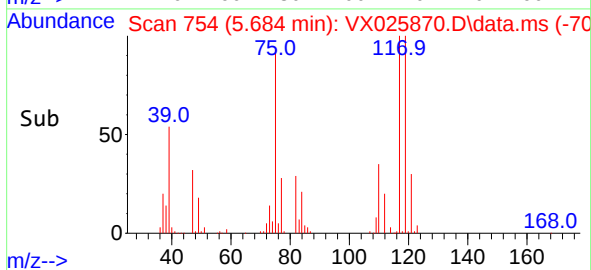
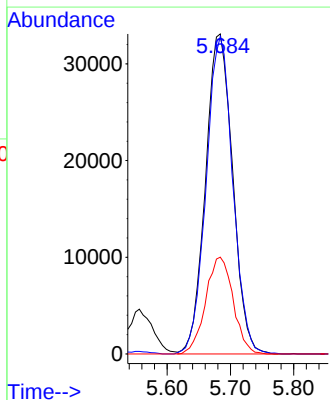
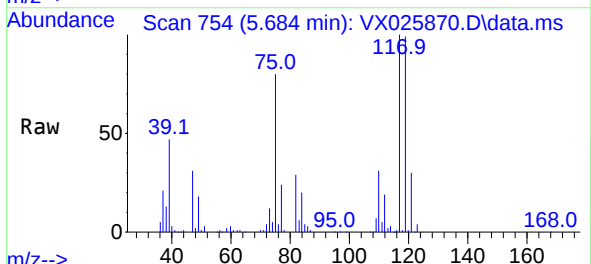
Manual Integrations
APPROVED

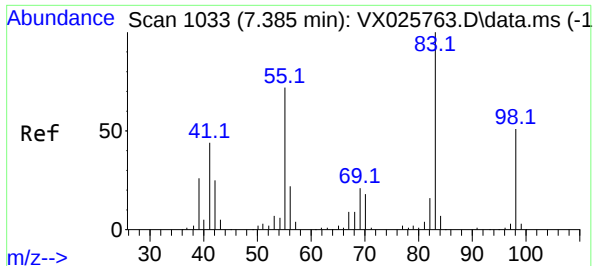
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#38
Carbon Tetrachloride
Concen: 44.002 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:117 Resp: 98588
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 30.3 23.8 35.8





#39

Methylcyclohexane

Concen: 53.322 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11489

Ion Ratio Lower Upper

83 100

55 72.7 57.8 86.8

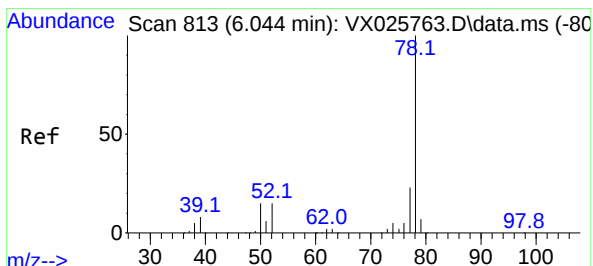
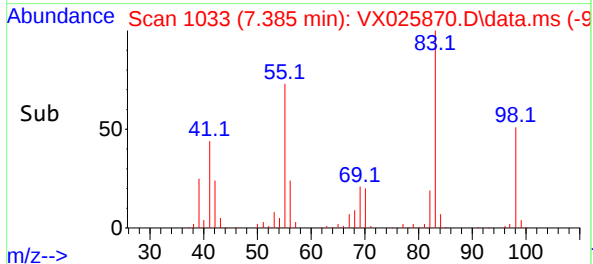
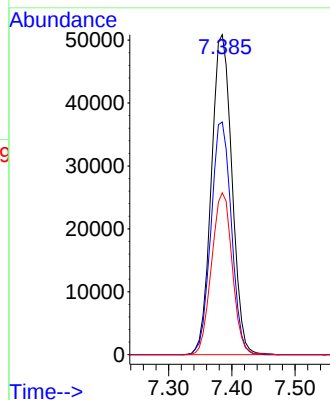
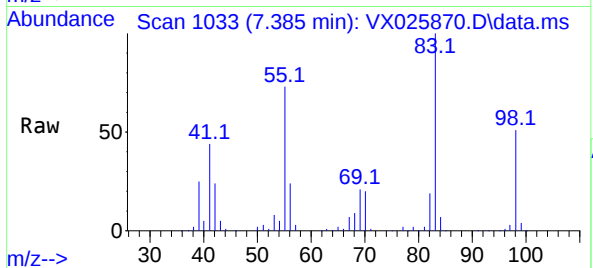
98 50.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#40

Benzene

Concen: 48.715 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025870.D

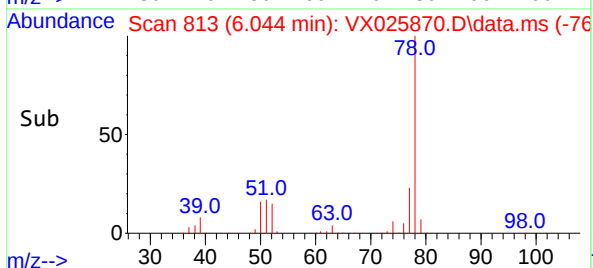
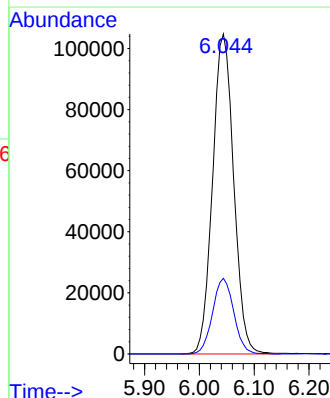
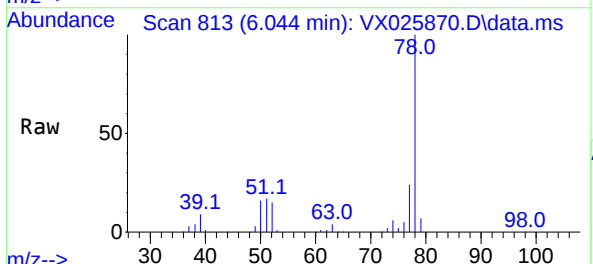
Acq: 16 Dec 2021 21:01

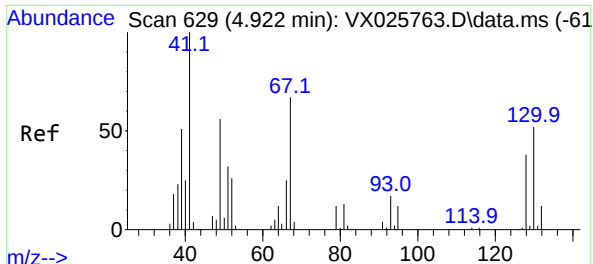
Tgt Ion: 78 Resp: 279832

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8





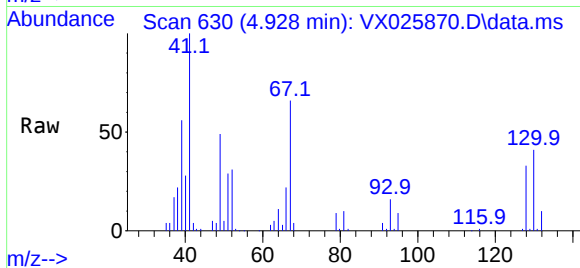
#41
Methacrylonitrile
Concen: 48.832 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



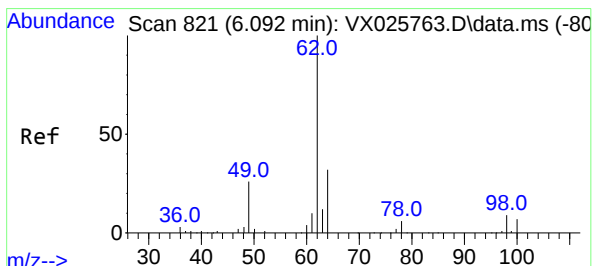
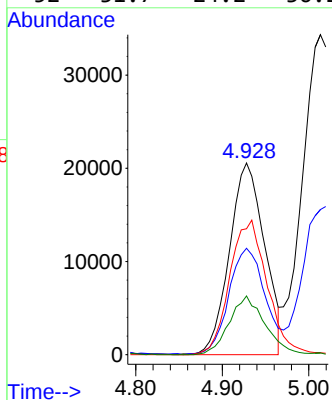
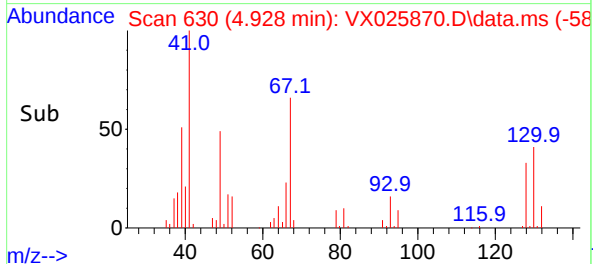
Tgt Ion: 41 Resp: 57819
Ion Ratio Lower Upper
41 100
39 58.5 44.2 66.2
67 75.6 59.7 89.5
52 31.7 24.2 36.2

Manual Integrations

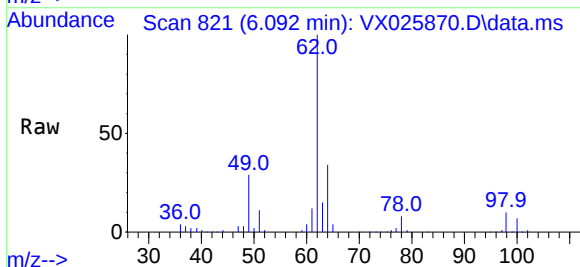
APPROVED

Reviewed By :John Carlone 12/17/2021

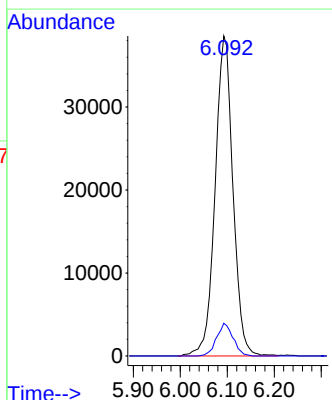
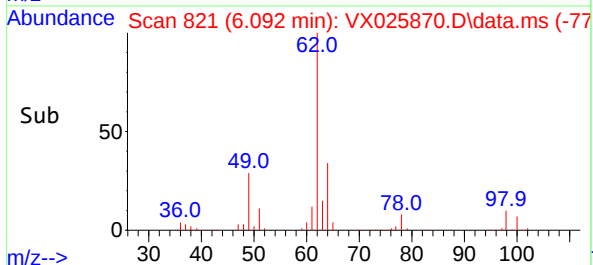
Supervised By :Mahesh Dadoda 12/22/2021

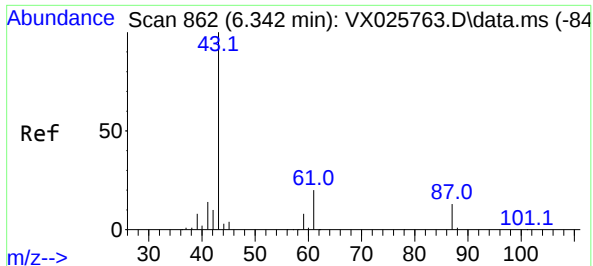


#42
1,2-Dichloroethane
Concen: 46.681 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



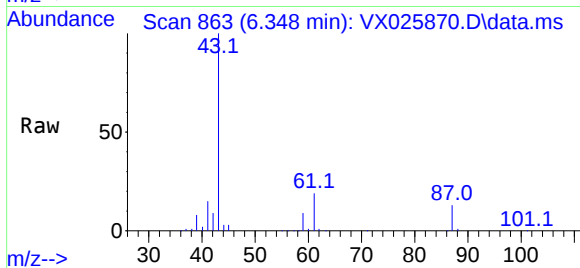
Tgt Ion: 62 Resp: 101914
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8





#43
Isopropyl Acetate
Concen: 49.235 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

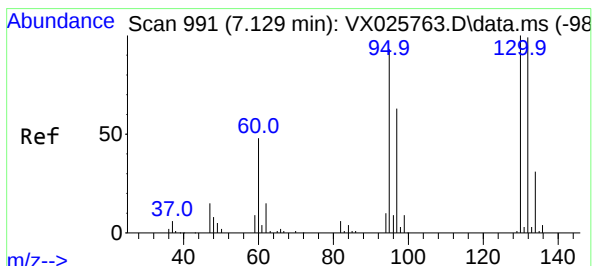
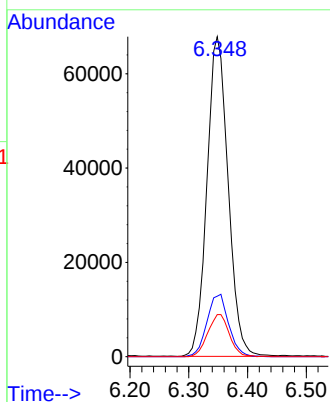
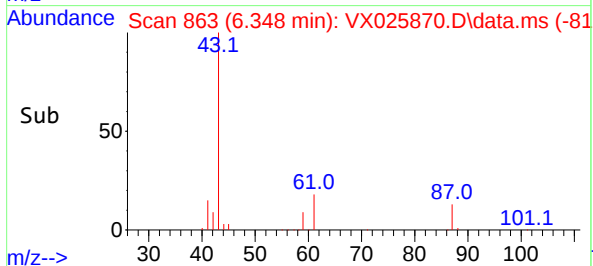
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 169708
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 13.4 11.2 16.8

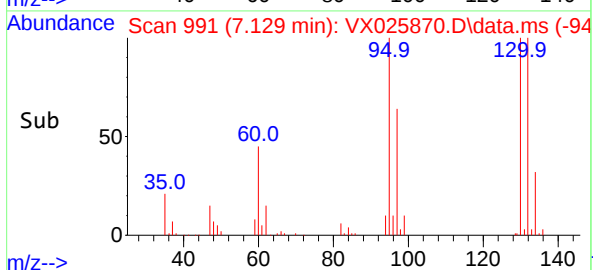
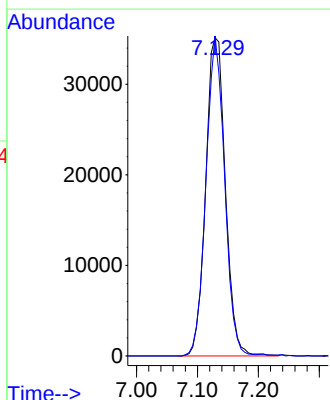
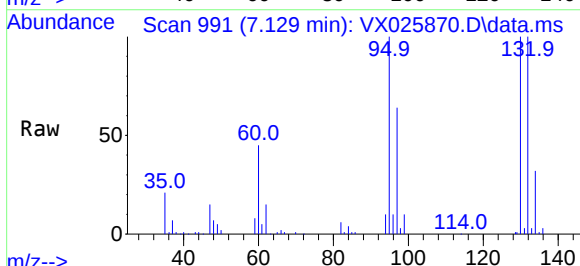
Manual Integrations
APPROVED

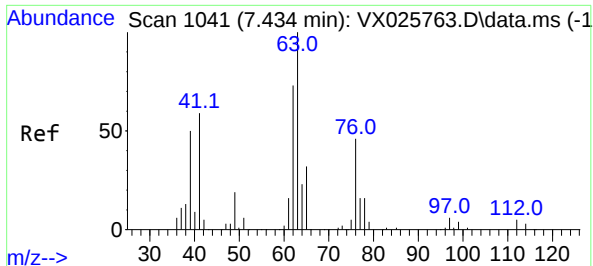
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#44
Trichloroethene
Concen: 49.401 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:130 Resp: 79003
Ion Ratio Lower Upper
130 100
95 100.5 0.0 186.4





#45

1,2-Dichloropropane

Concen: 48.600 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7036

Ion Ratio Lower Upper

63 100

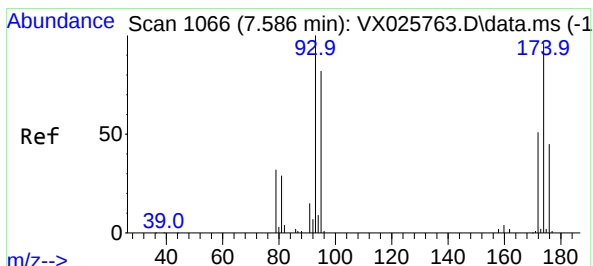
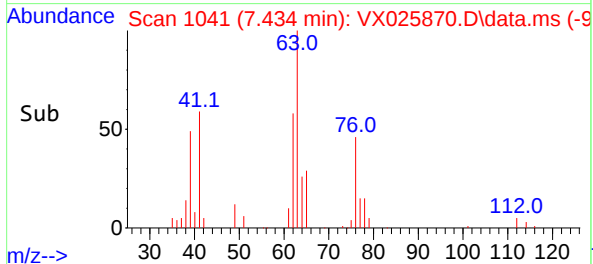
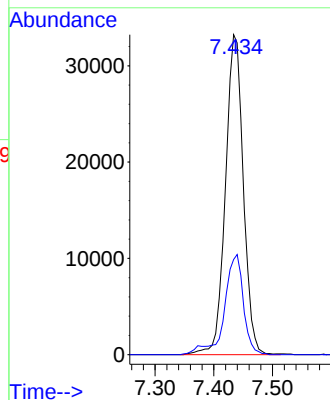
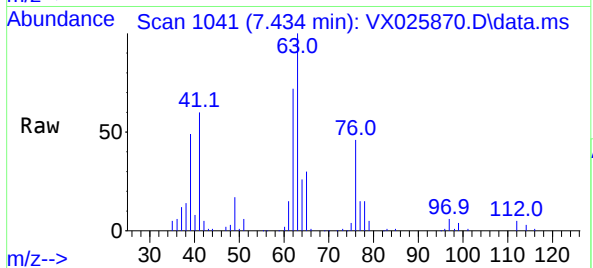
65 29.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#46

Dibromomethane

Concen: 46.721 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

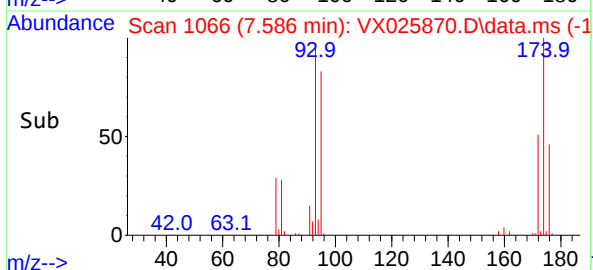
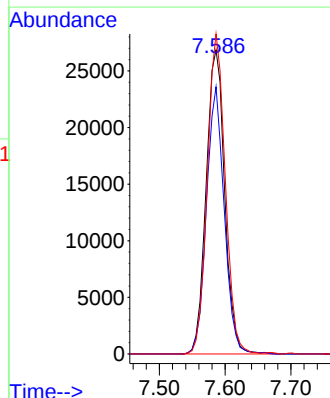
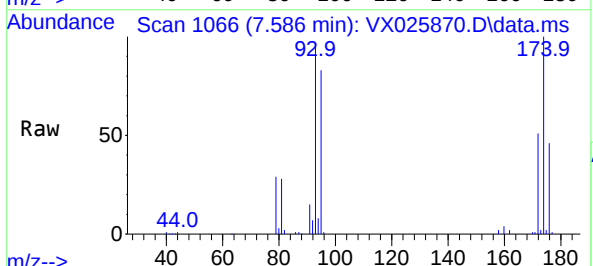
Tgt Ion: 93 Resp: 52662

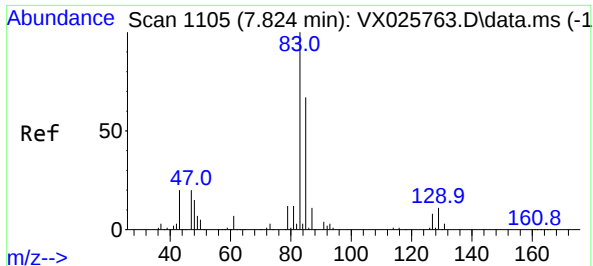
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 101.9 77.3 115.9





#47
Bromodichloromethane
Concen: 43.472 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

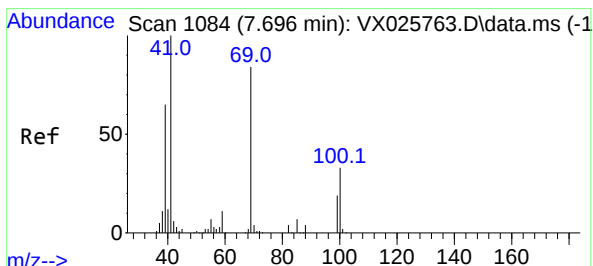
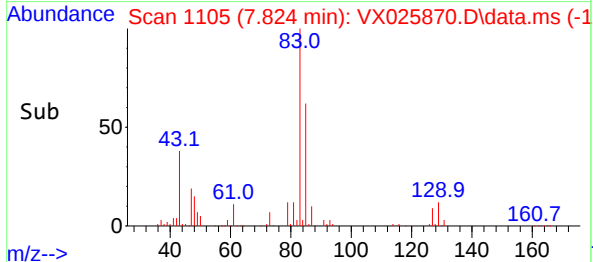
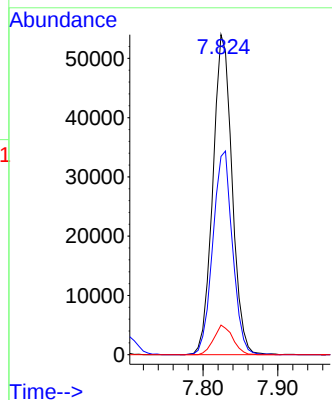
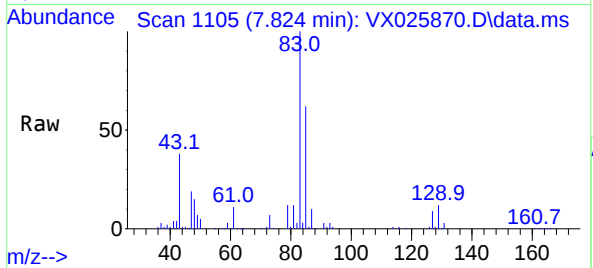
VSTDCCC050EC

Tgt Ion: 83 Resp: 96570
Ion Ratio Lower Upper
83 100
85 61.9 53.5 80.3
127 9.2 6.6 10.0

Manual Integrations

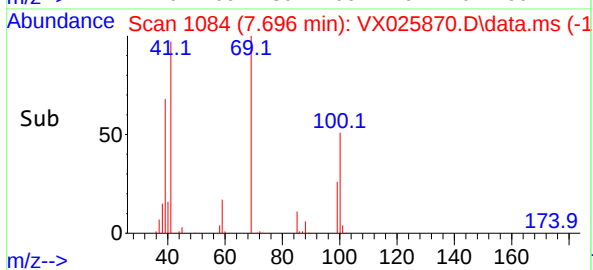
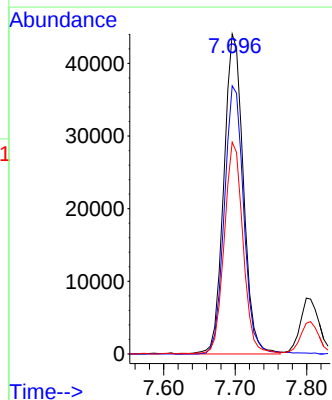
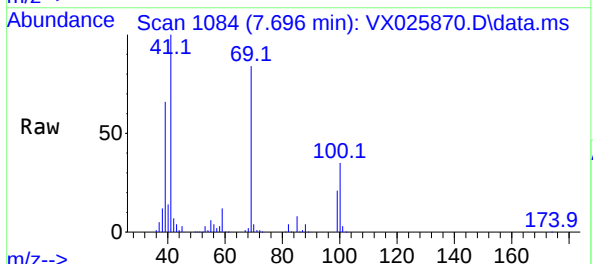
APPROVED

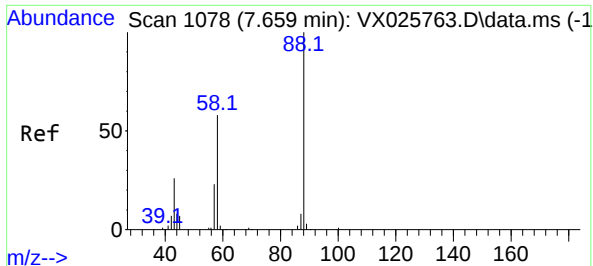
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#48
Methyl methacrylate
Concen: 51.430 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

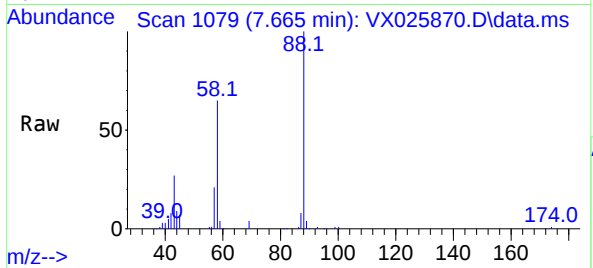
Tgt Ion: 41 Resp: 83480
Ion Ratio Lower Upper
41 100
69 83.5 67.3 100.9
39 63.2 50.2 75.2





#49
1,4-Dioxane
Concen: 1079.770 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

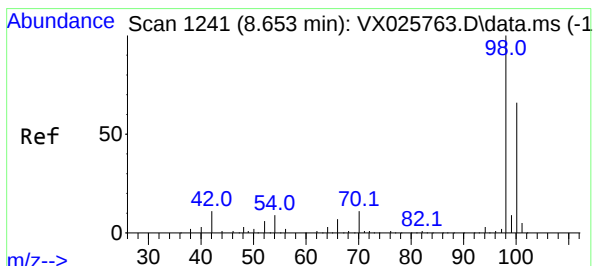
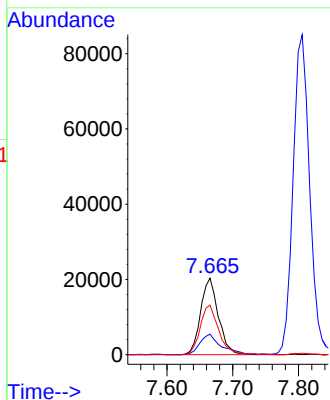
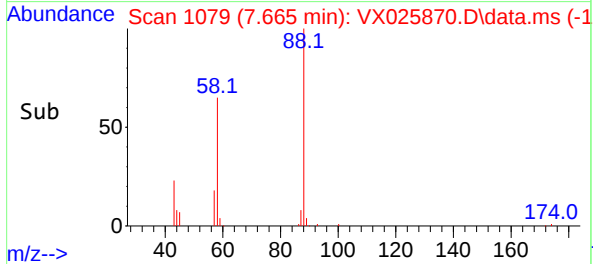
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3826
Ion Ratio Lower Upper
88 100
43 32.1 25.3 37.9
58 67.3 51.8 77.6

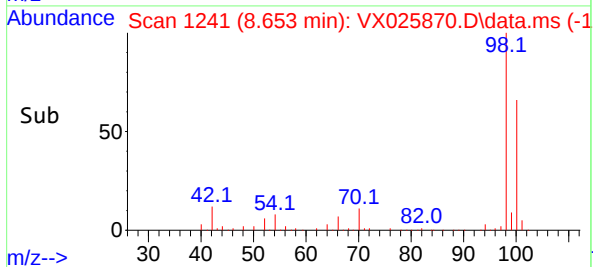
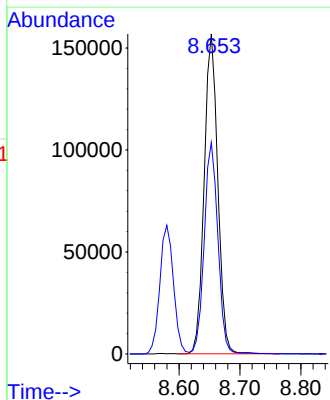
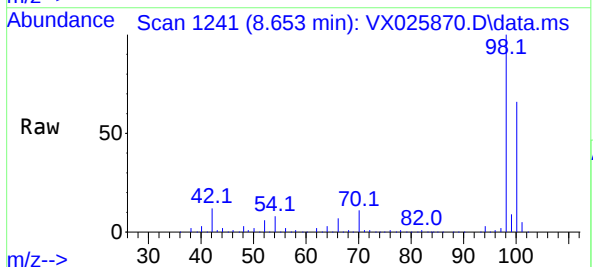
Manual Integrations
APPROVED

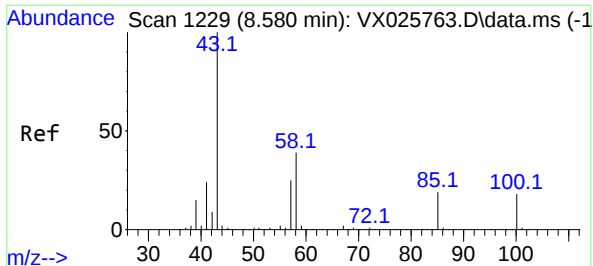
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 98 Resp: 243784
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 261.699 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

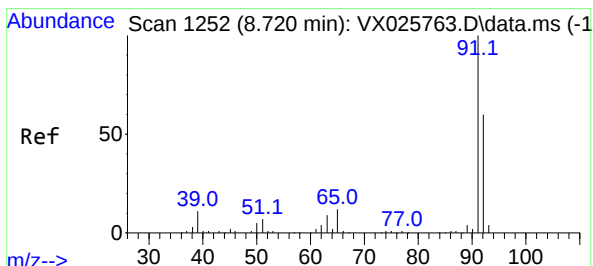
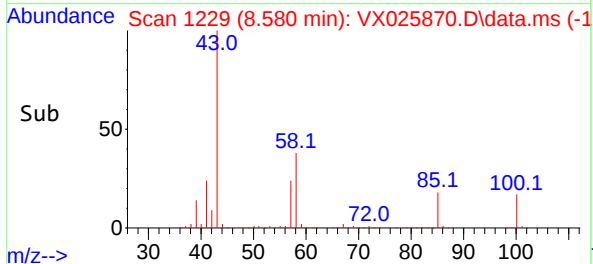
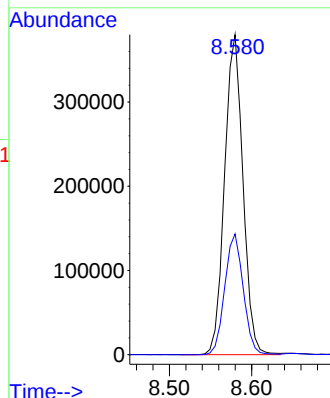
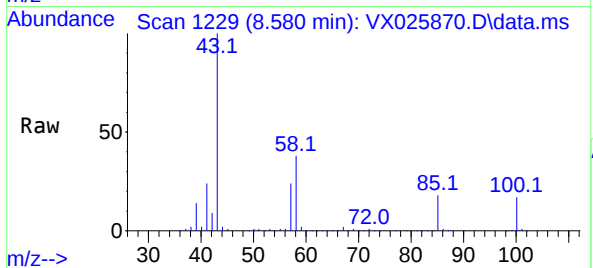
VSTDCCC050EC

Tgt Ion: 43 Resp: 590502
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2

Manual Integrations

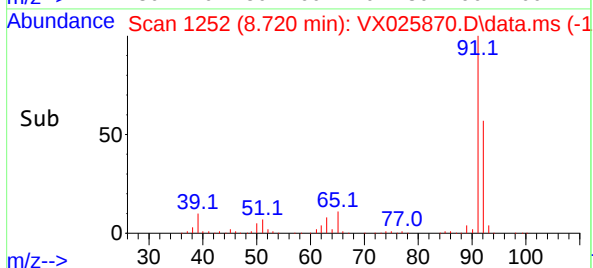
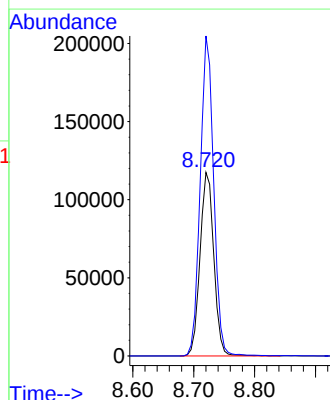
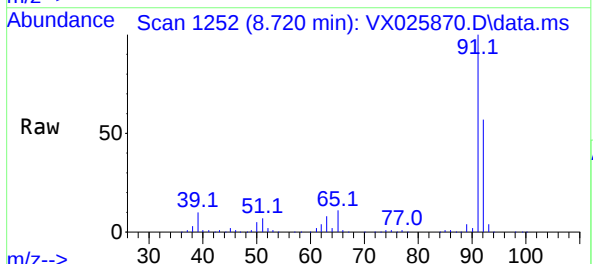
APPROVED

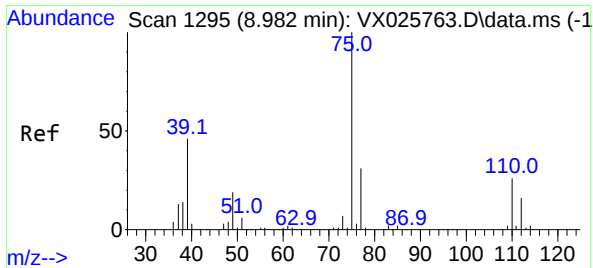
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#52
Toluene
Concen: 50.524 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 92 Resp: 184923
Ion Ratio Lower Upper
92 100
91 170.1 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 45.043 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 95380

Ion Ratio Lower Upper

75 100

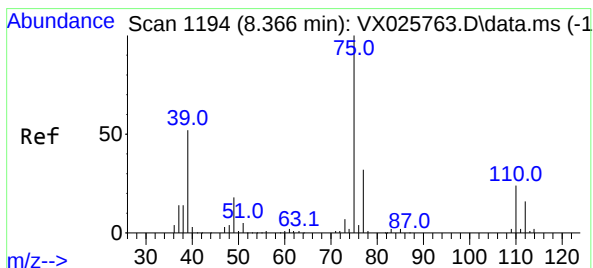
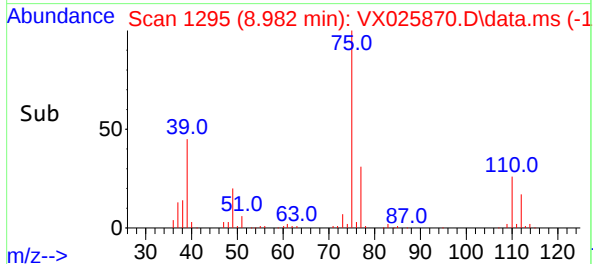
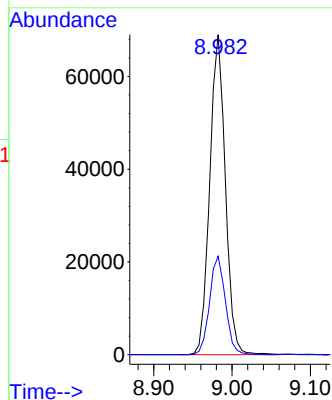
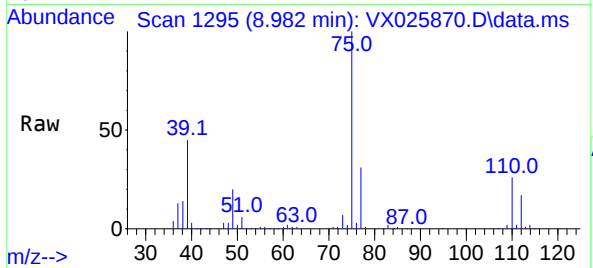
77 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#54

cis-1,3-Dichloropropene

Concen: 46.259 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

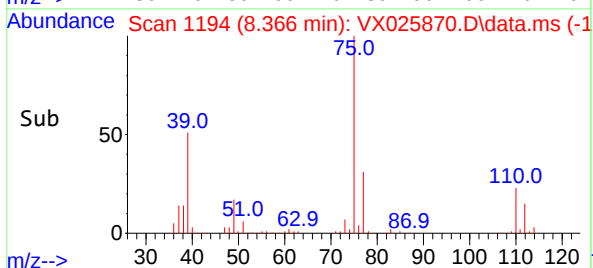
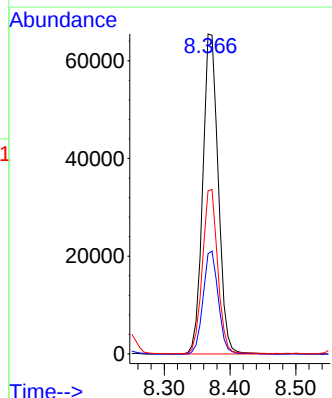
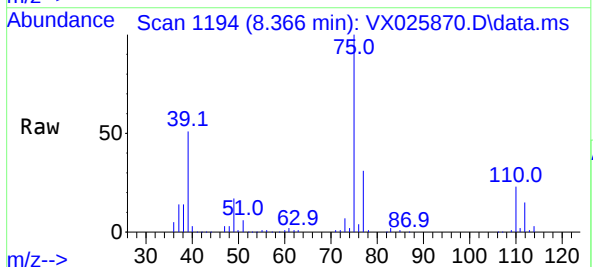
Tgt Ion: 75 Resp: 107181

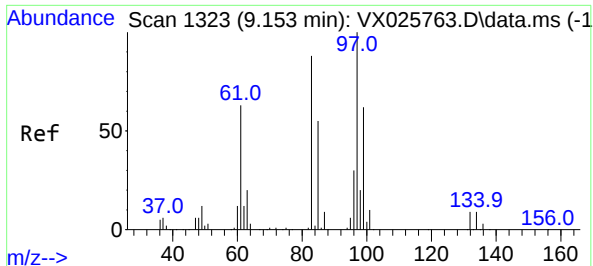
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

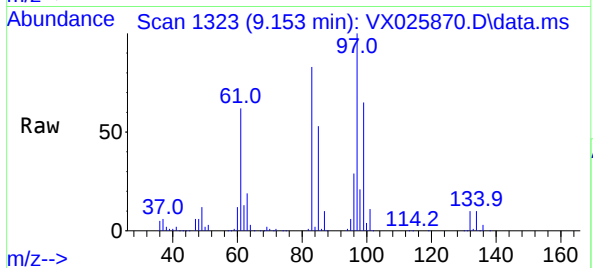
39 50.9 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 48.299 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

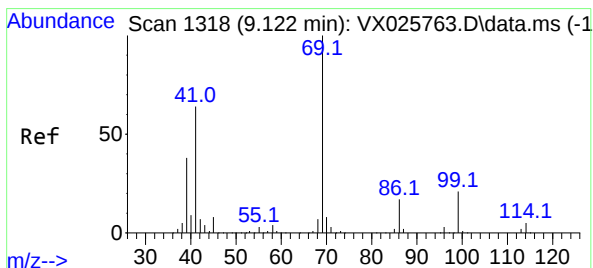
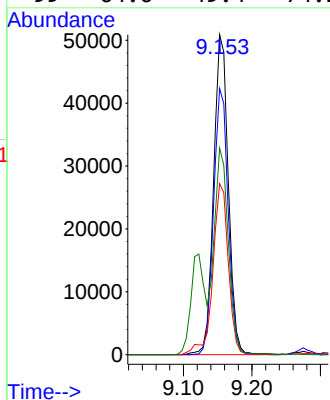
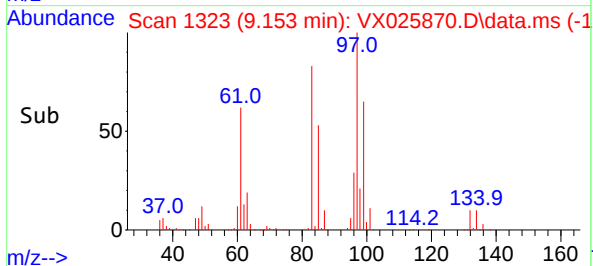


Tgt Ion: 97 Resp: 75810

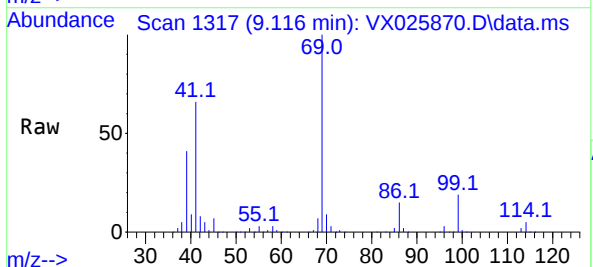
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.5	105.7
85	53.4	43.8	65.6
99	64.6	49.4	74.2

Manual Integrations
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Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

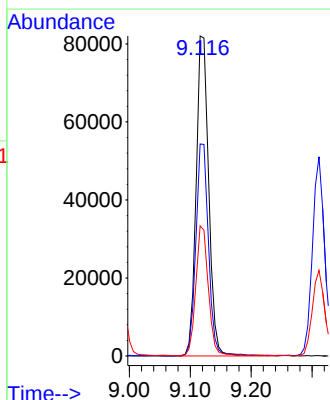
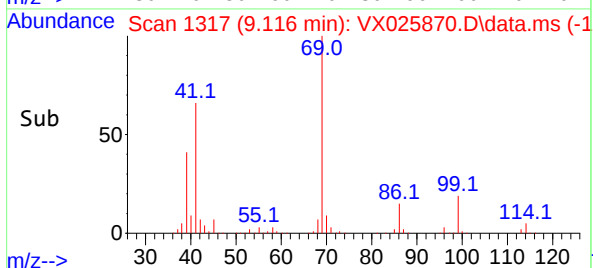


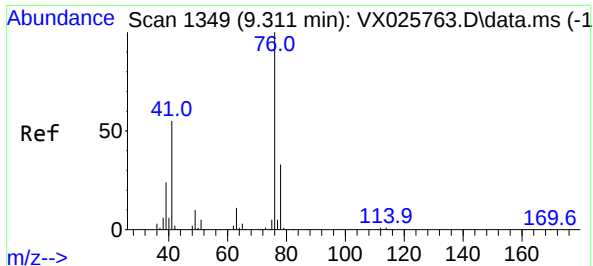
#56
Ethyl methacrylate
Concen: 52.196 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 69 Resp: 117660

Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.8	79.2
39	40.1	32.5	48.7





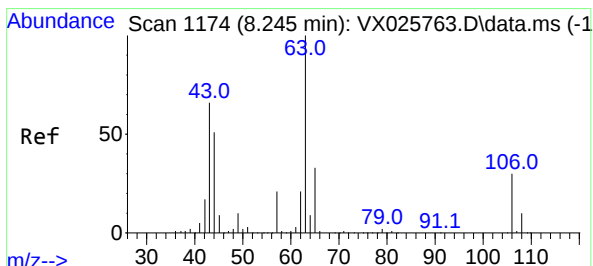
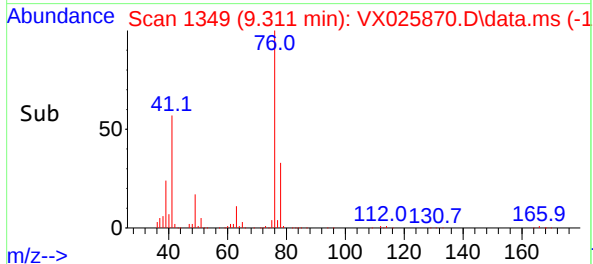
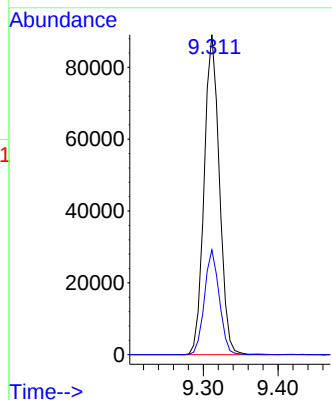
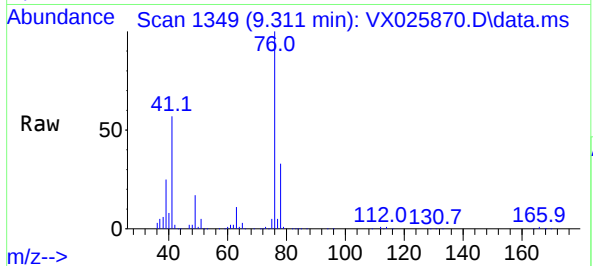
#57
1,3-Dichloropropane
Concen: 48.986 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 126118
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

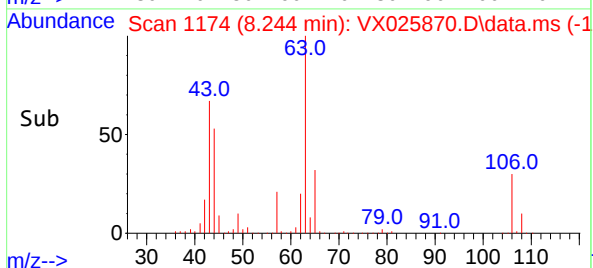
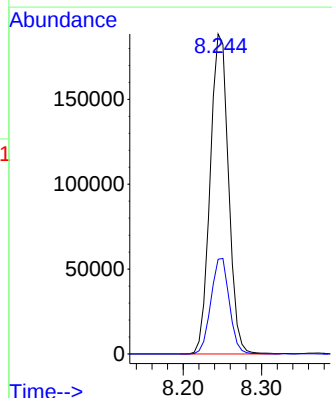
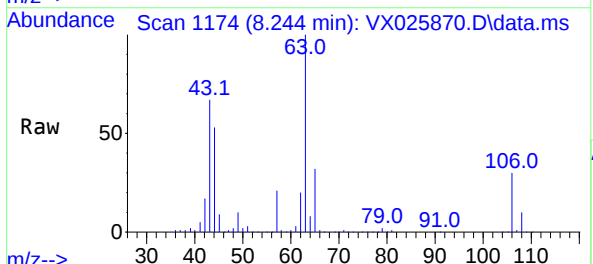
Manual Integrations
APPROVED

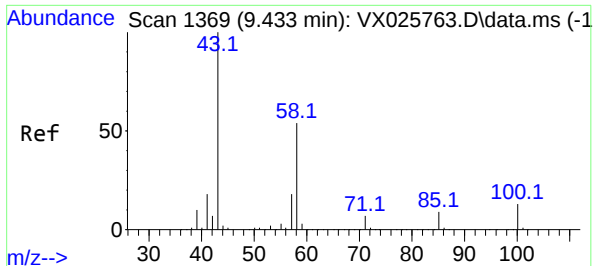
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#58
2-Chloroethyl Vinyl ether
Concen: 276.504 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 63 Resp: 306387
Ion Ratio Lower Upper
63 100
106 29.9 24.4 36.6





#59

2-Hexanone

Concen: 265.200 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 45339

Ion Ratio Lower Upper

43 100

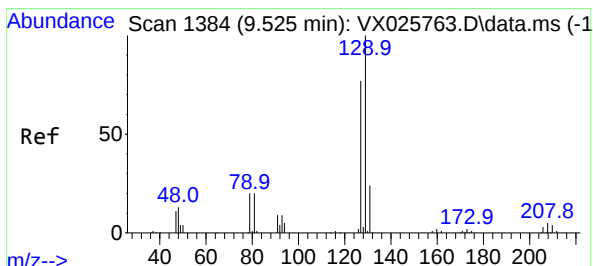
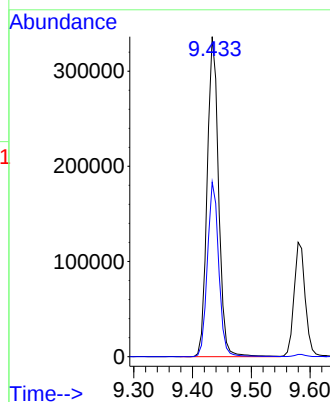
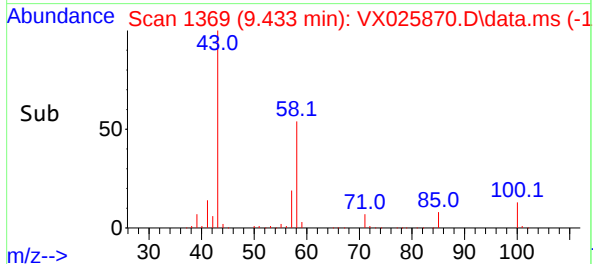
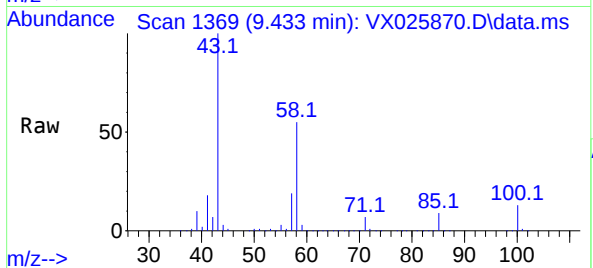
58 54.3 26.9 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#60

Dibromochloromethane

Concen: 43.659 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025870.D

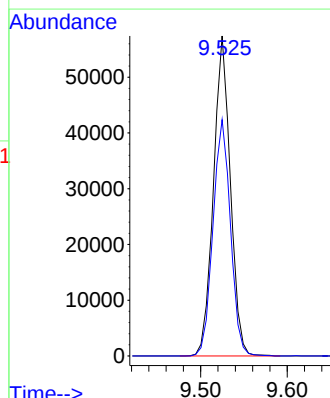
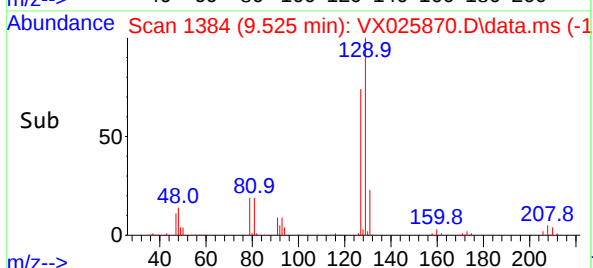
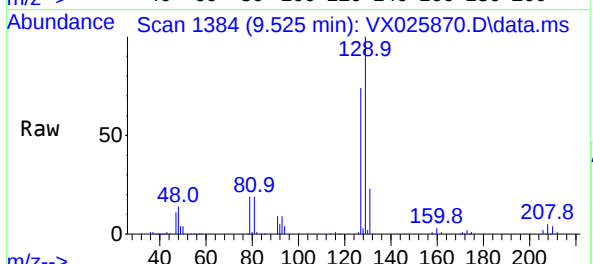
Acq: 16 Dec 2021 21:01

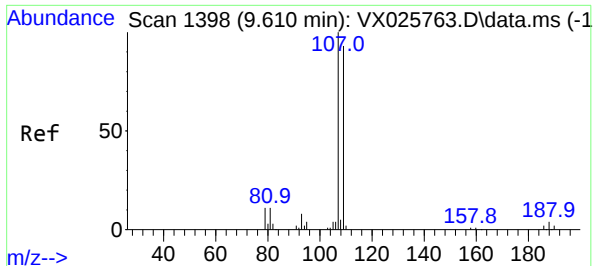
Tgt Ion:129 Resp: 77777

Ion Ratio Lower Upper

129 100

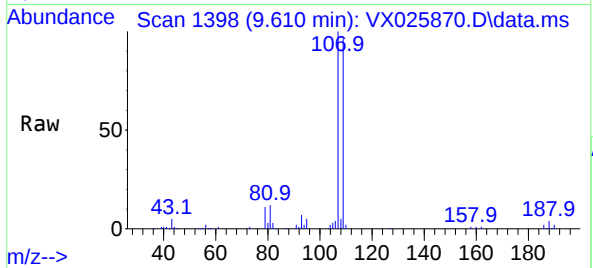
127 76.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 47.044 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

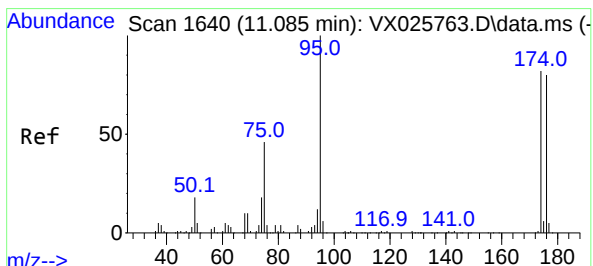
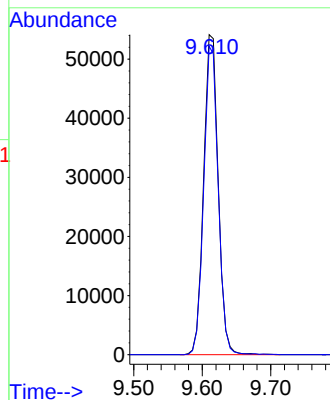
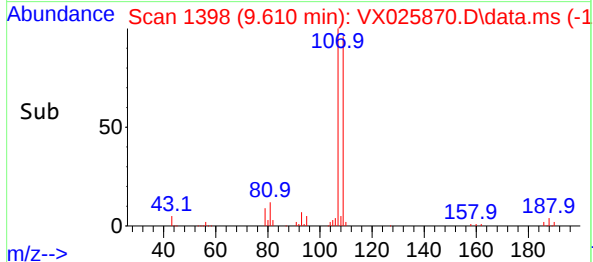
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



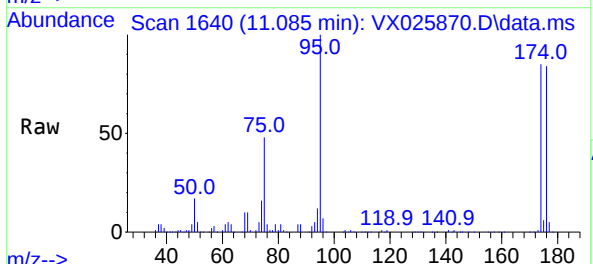
Tgt Ion:107 Resp: 80064
Ion Ratio Lower Upper
107 100
109 95.7 75.1 112.7

Manual Integrations
APPROVED

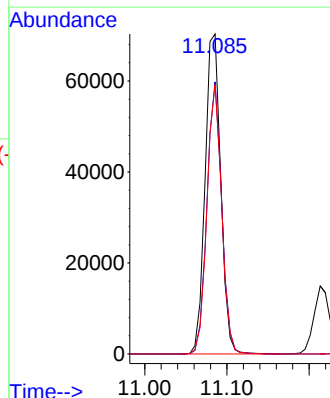
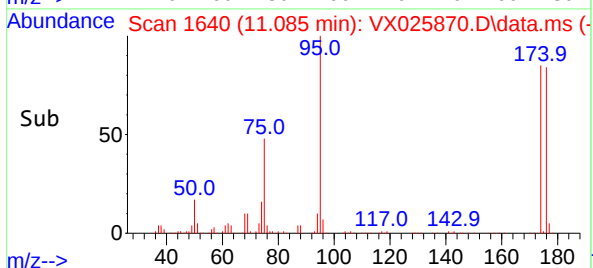
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

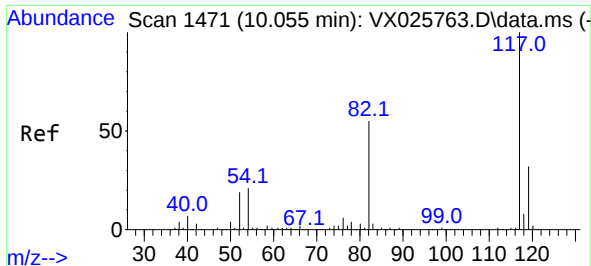


#62
4-Bromofluorobenzene
Concen: 47.307 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 95 Resp: 92975
Ion Ratio Lower Upper
95 100
174 80.1 0.0 157.4
176 79.2 0.0 154.6





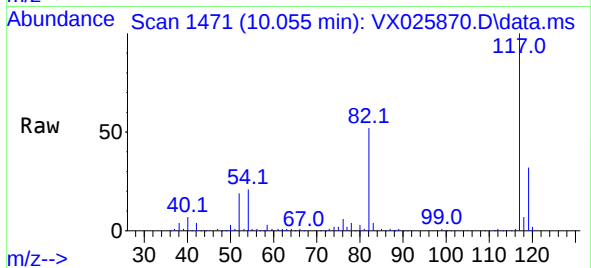
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



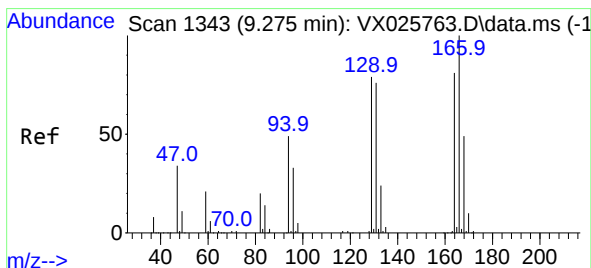
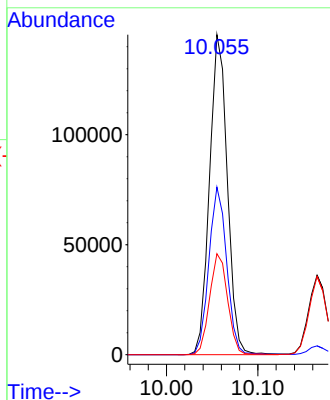
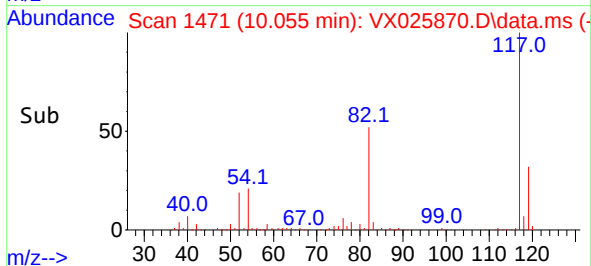
Tgt Ion:117 Resp: 19663
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.6
119 31.5 25.2 37.8

Manual Integrations

APPROVED

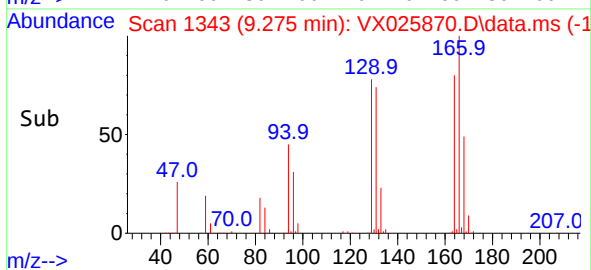
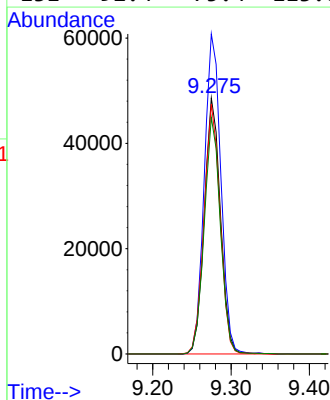
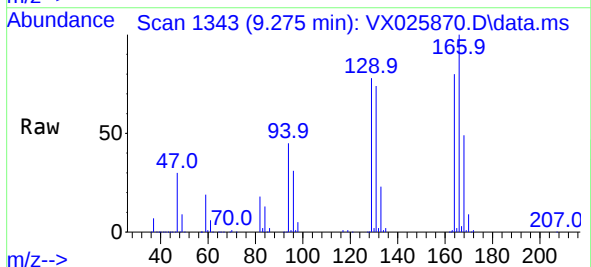
Reviewed By :John Carlone 12/17/2021

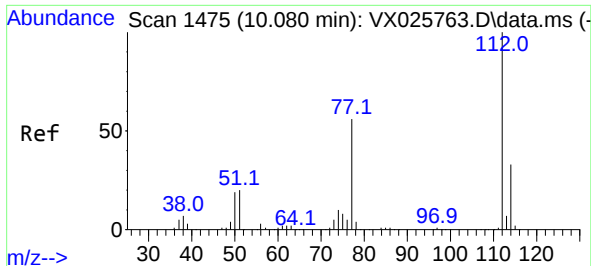
Supervised By :Mahesh Dadoda 12/22/2021



#64
Tetrachloroethene
Concen: 44.372 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

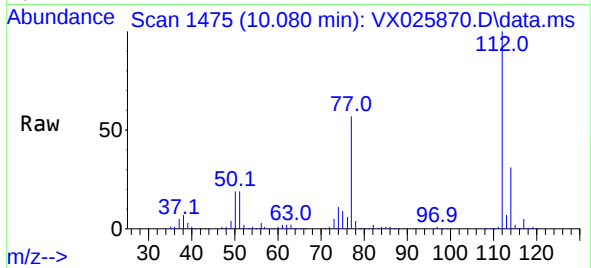
Tgt Ion:164 Resp: 69598
Ion Ratio Lower Upper
164 100
166 125.0 99.4 149.0
129 97.6 78.6 118.0
131 92.4 75.4 113.0





#65
Chlorobenzene
Concen: 49.165 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

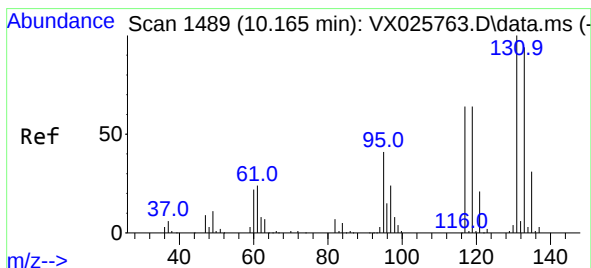
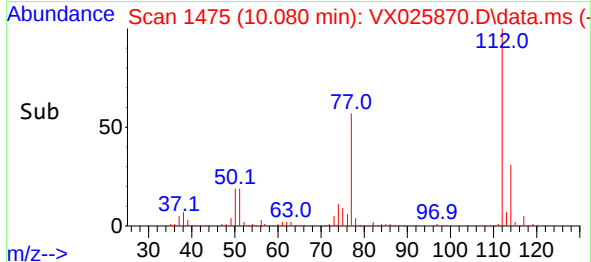
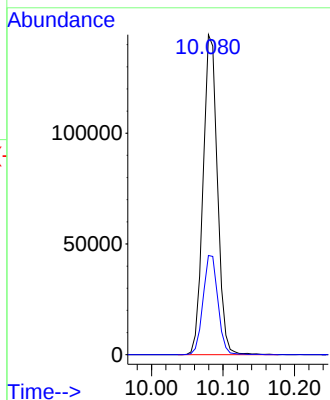
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 201519
Ion Ratio Lower Upper
112 100
114 31.0 26.6 39.8

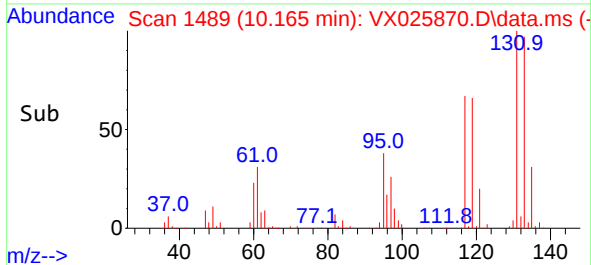
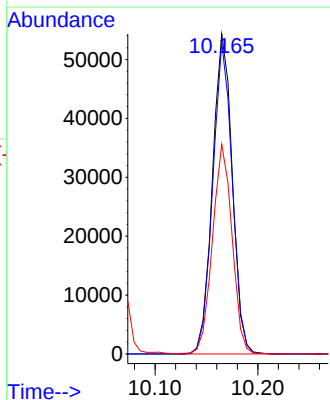
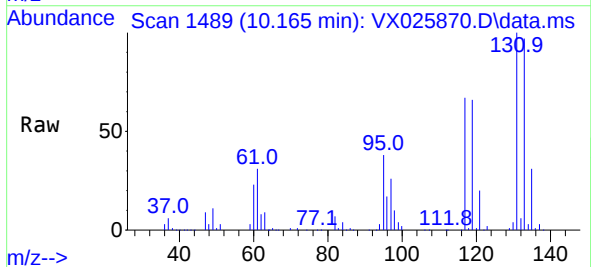
Manual Integrations
APPROVED

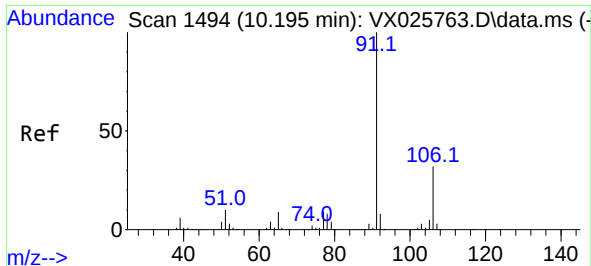
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 45.309 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

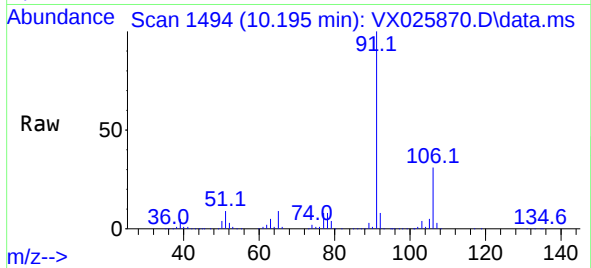
Tgt Ion:131 Resp: 72522
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 65.0 31.9 95.9





#67
Ethyl Benzene
Concen: 51.126 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

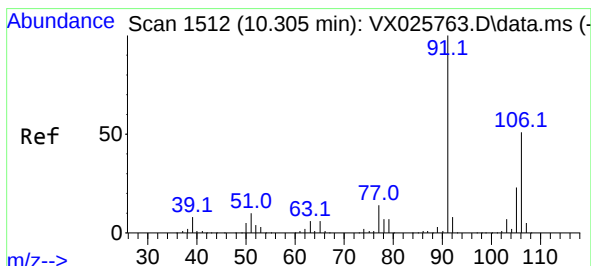
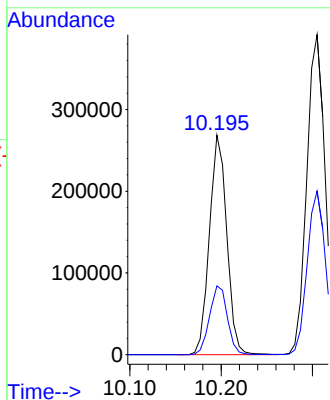
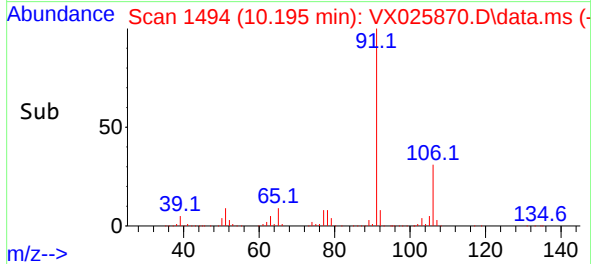
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



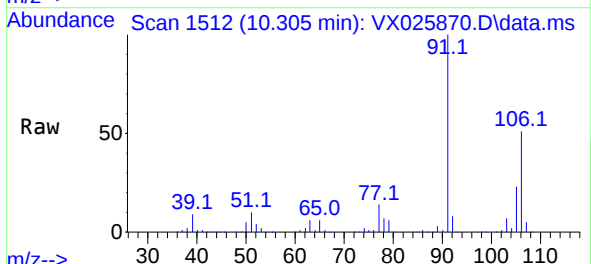
Tgt Ion: 91 Resp: 35437
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

Manual Integrations
APPROVED

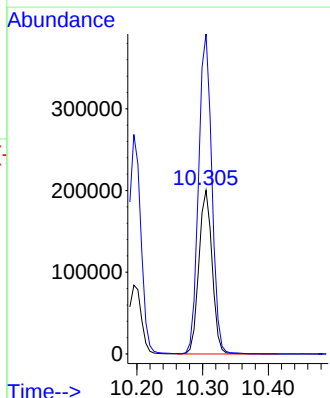
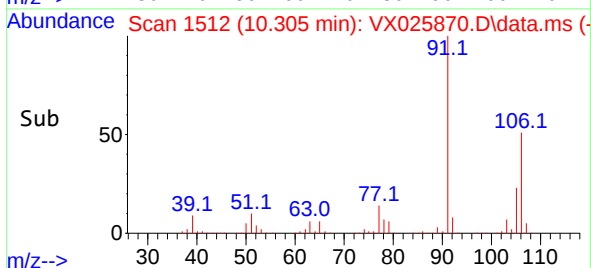
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

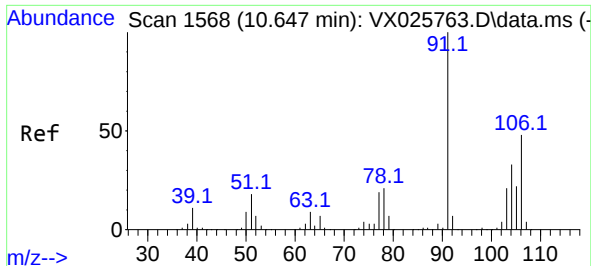


#68
m/p-Xylenes
Concen: 103.918 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion:106 Resp: 280277
Ion Ratio Lower Upper
106 100
91 196.0 158.6 238.0





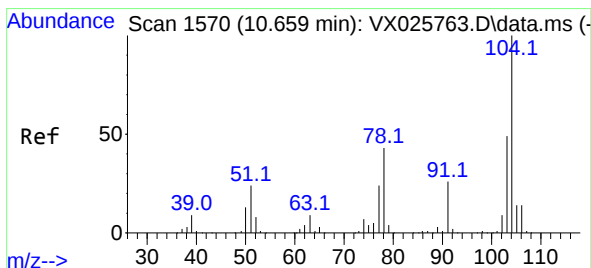
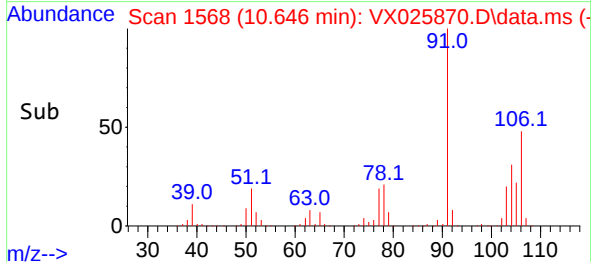
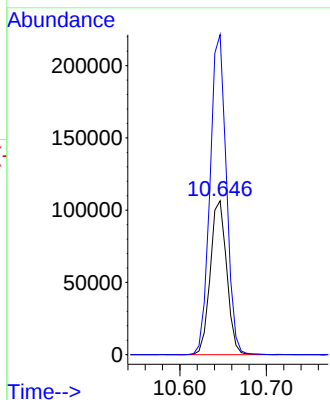
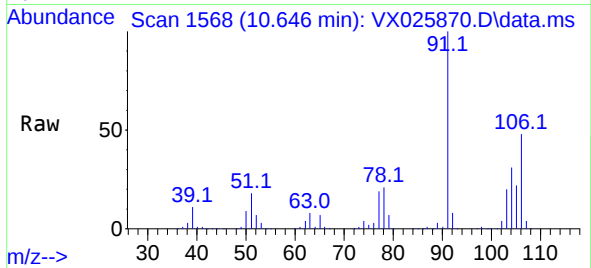
#69
o-Xylene
Concen: 52.811 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14012
Ion Ratio Lower Upper
106 100
91 207.0 105.5 316.4

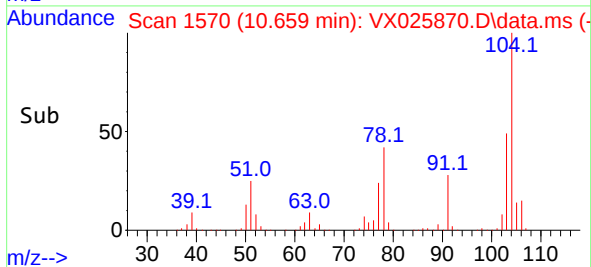
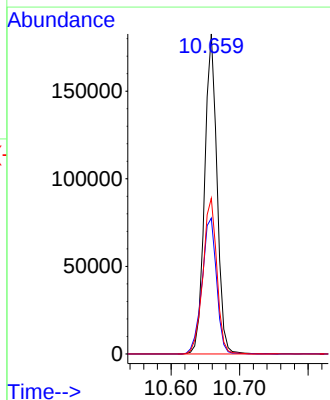
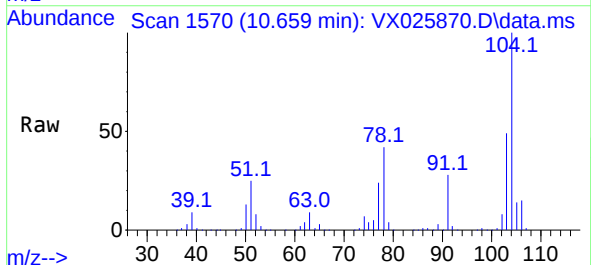
Manual Integrations
APPROVED

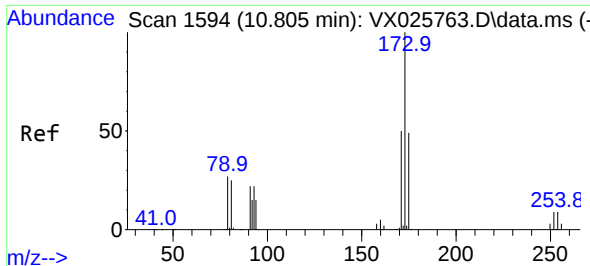
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#70
Styrene
Concen: 52.152 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

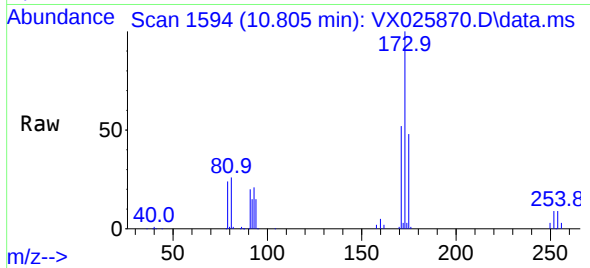
Tgt Ion:104 Resp: 230260
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 54.3 43.0 64.6





#71
Bromoform
Concen: 41.564 ug/l
RT: 10.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

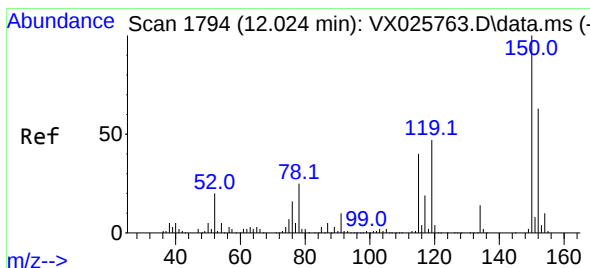
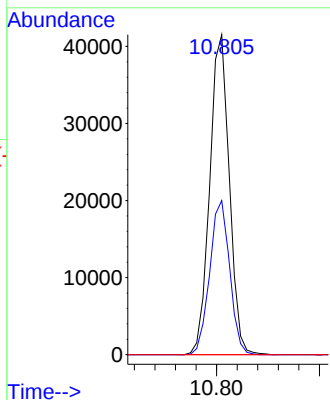
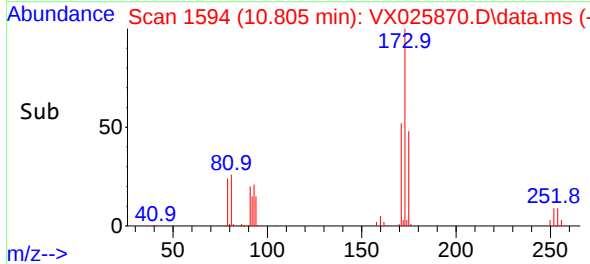
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5480
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.4
254 0.0 0.1 0.1

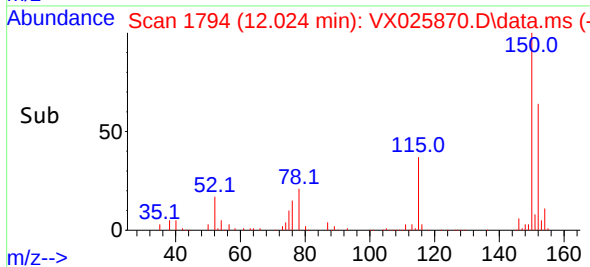
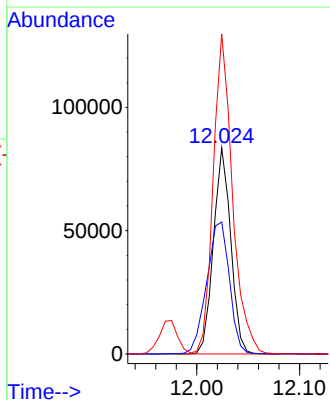
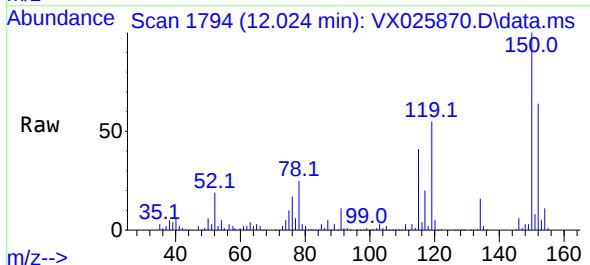
Manual Integrations
APPROVED

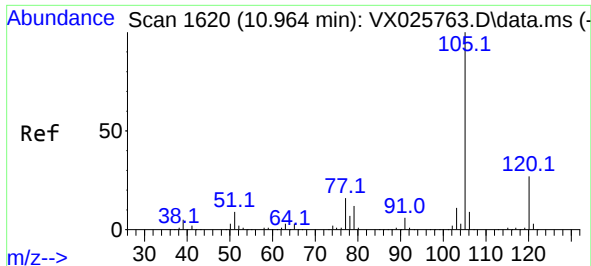
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:152 Resp: 97500
Ion Ratio Lower Upper
152 100
115 84.2 41.3 123.9
150 173.4 0.0 351.8





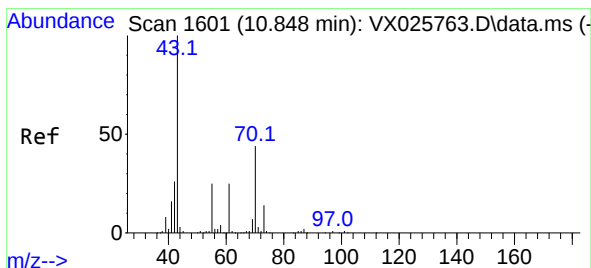
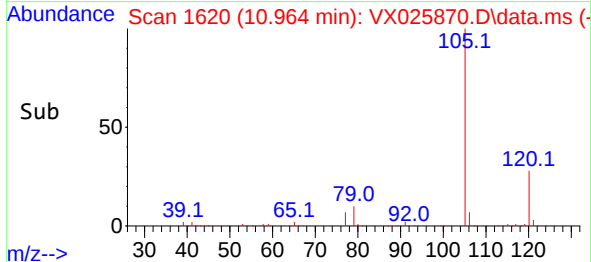
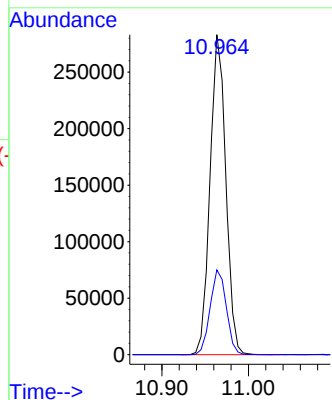
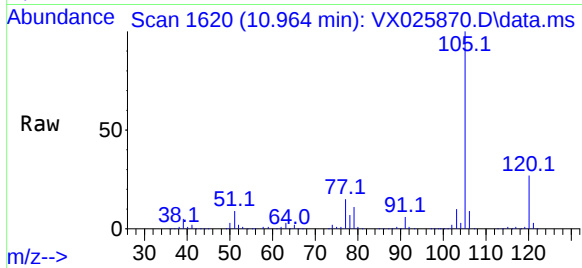
#73
Isopropylbenzene
Concen: 50.588 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 357968
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7

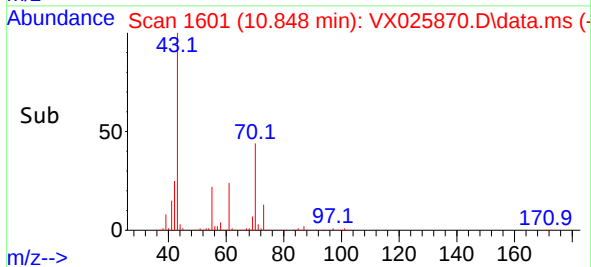
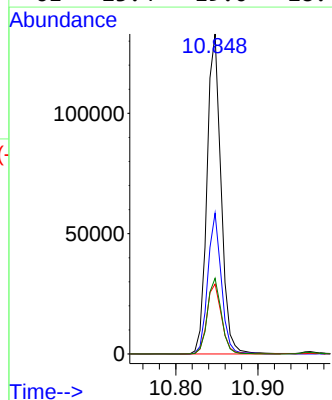
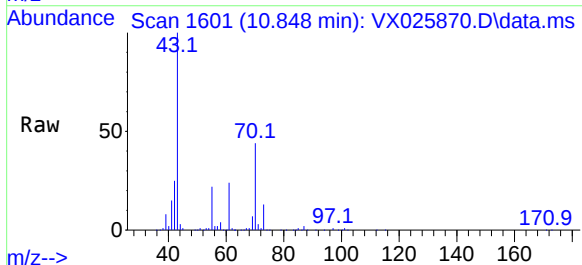
Manual Integrations
APPROVED

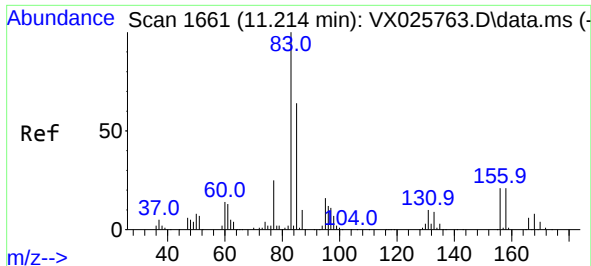
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#74
N-ethyl acetate
Concen: 55.453 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 43 Resp: 157827
Ion Ratio Lower Upper
43 100
70 42.3 34.1 51.1
55 23.0 19.2 28.8
61 23.4 19.0 28.4





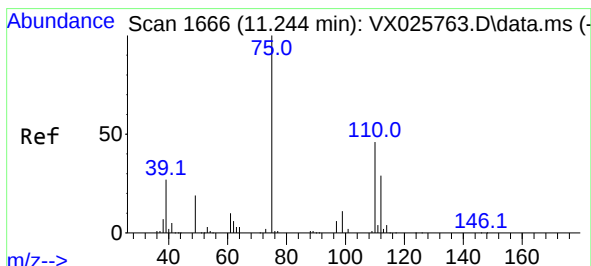
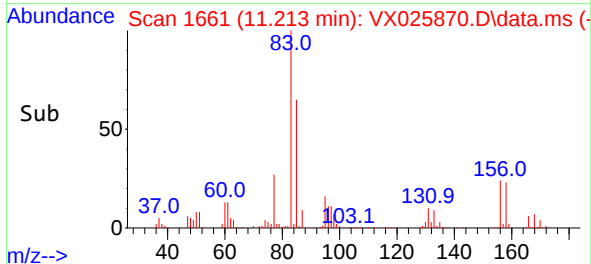
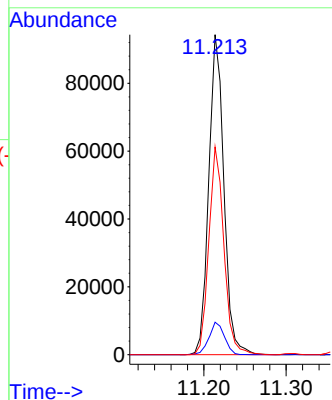
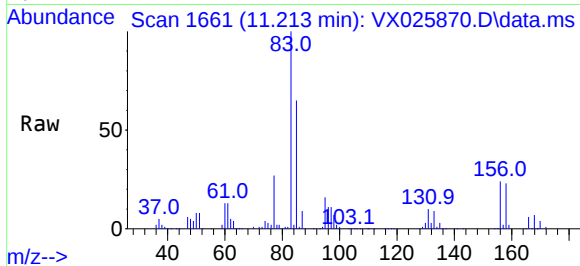
#75
1,1,2,2-Tetrachloroethane
Concen: 48.913 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 120632
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.8 31.6 95.0

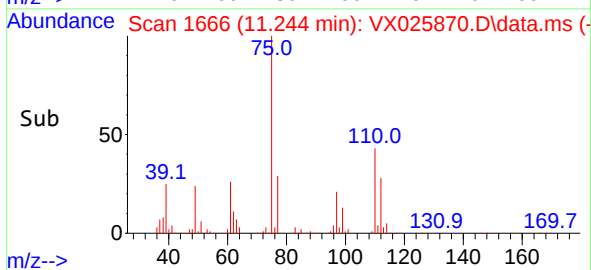
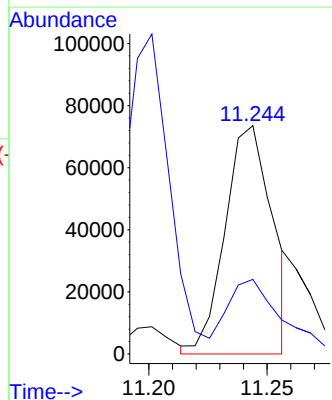
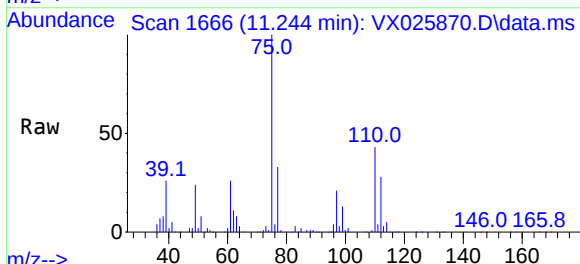
Manual Integrations
APPROVED

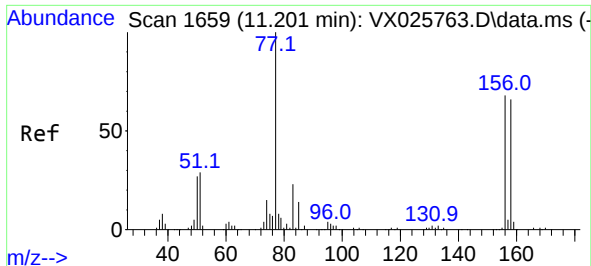
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#76
1,2,3-Trichloropropane
Concen: 45.747 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

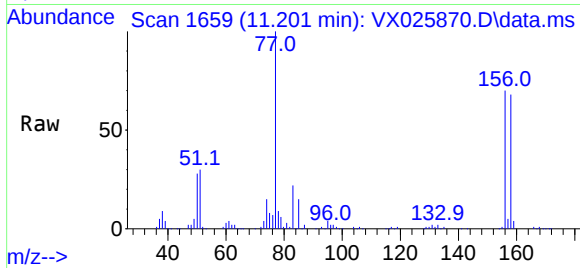
Tgt Ion: 75 Resp: 102195
Ion Ratio Lower Upper
75 100
77 37.8 19.0 57.0





#77
Bromobenzene
Concen: 50.017 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

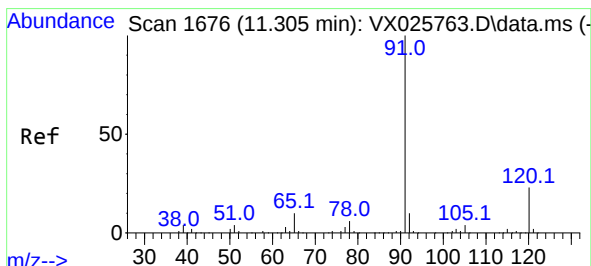
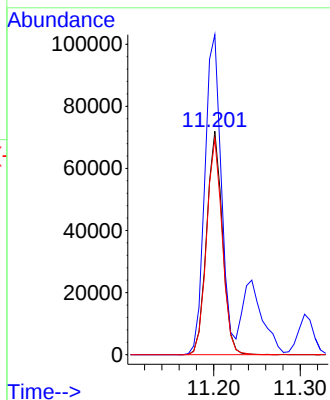
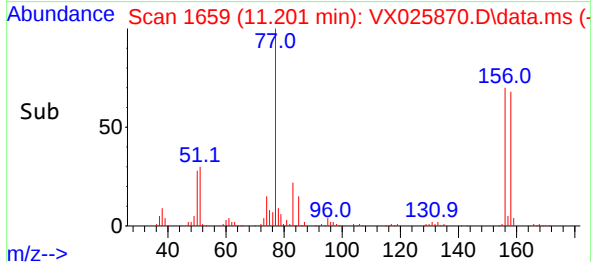
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



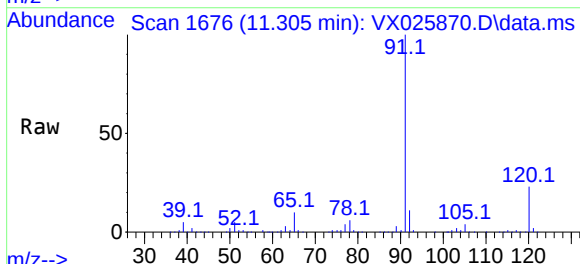
Tgt Ion:156 Resp: 90784
Ion Ratio Lower Upper
156 100
77 150.1 78.2 234.6
158 96.3 48.6 145.9

Manual Integrations
APPROVED

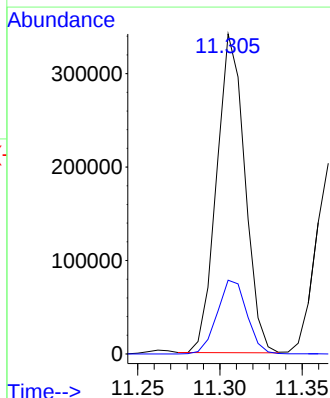
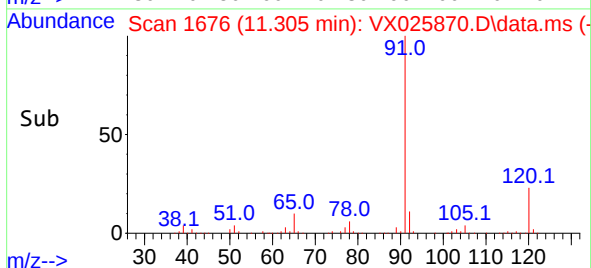
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

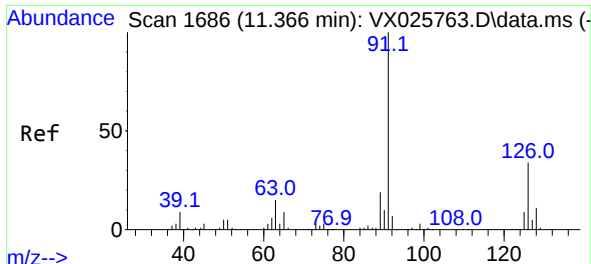


#78
n-propylbenzene
Concen: 50.917 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 91 Resp: 407539
Ion Ratio Lower Upper
91 100
120 24.5 12.0 36.1





#79
2-Chlorotoluene
Concen: 48.619 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

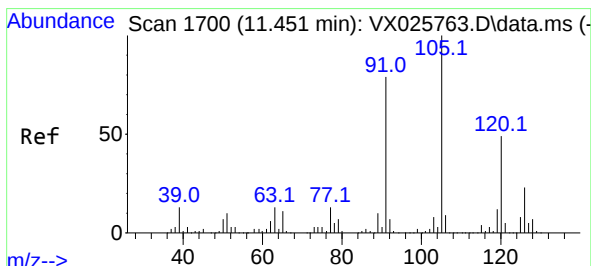
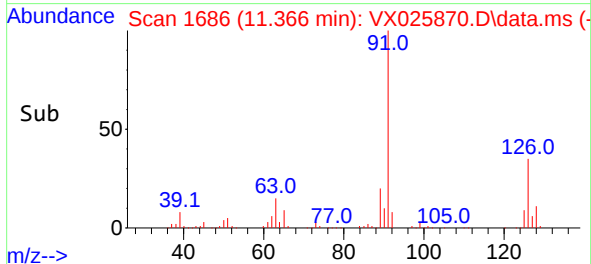
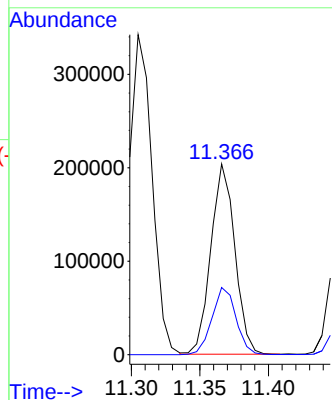
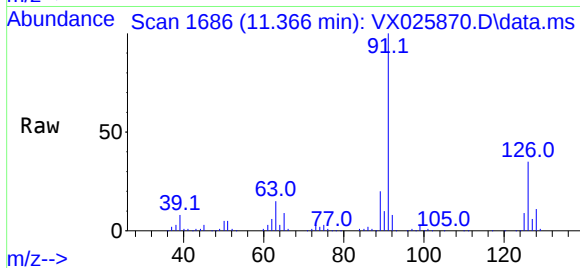
VSTDCCC050EC

Tgt Ion: 91 Resp: 247464
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

Manual Integrations

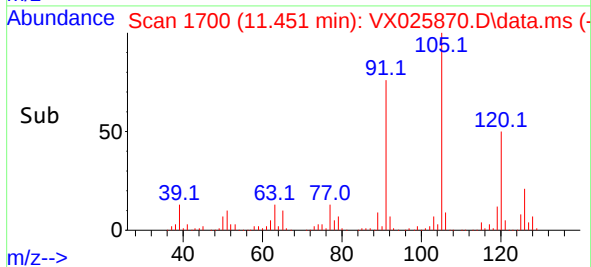
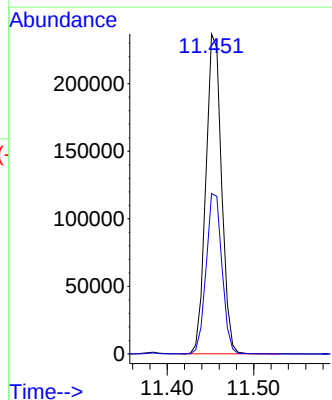
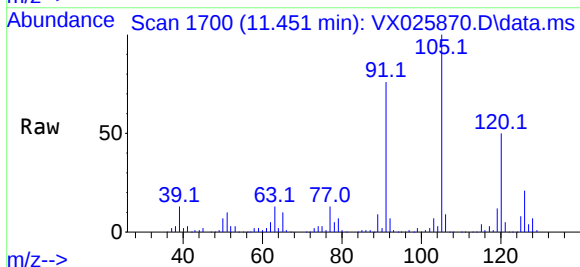
APPROVED

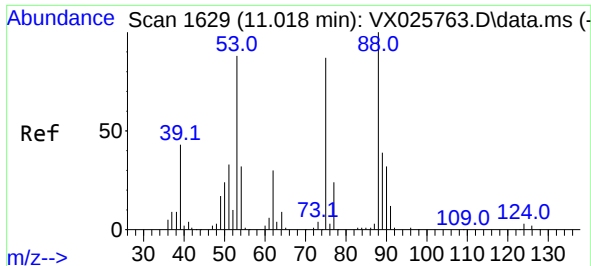
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:105 Resp: 297189
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





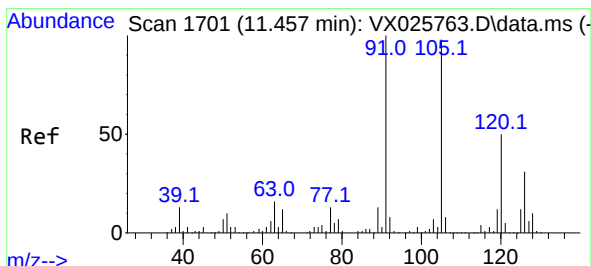
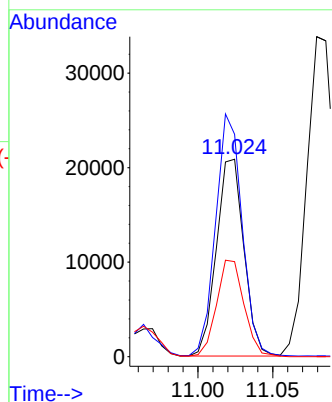
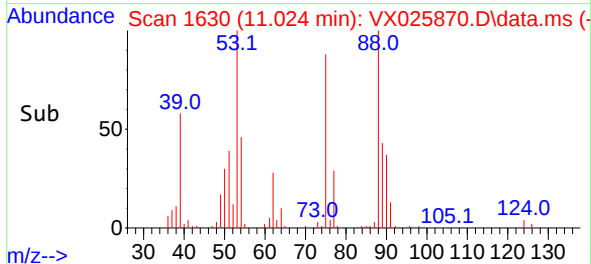
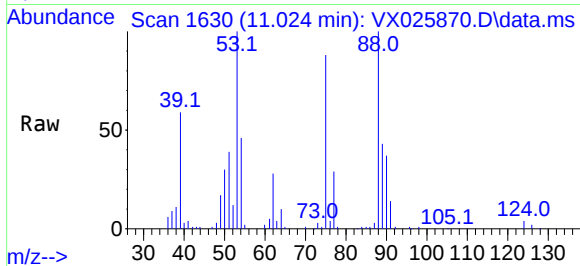
#81
trans-1,4-Dichloro-2-butene
Concen: 36.962 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2663
Ion Ratio Lower Upper
75 100
53 119.9 79.5 119.3
89 49.1 38.3 57.5

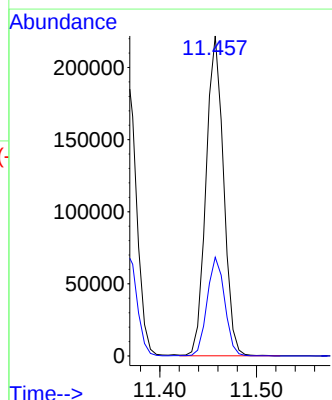
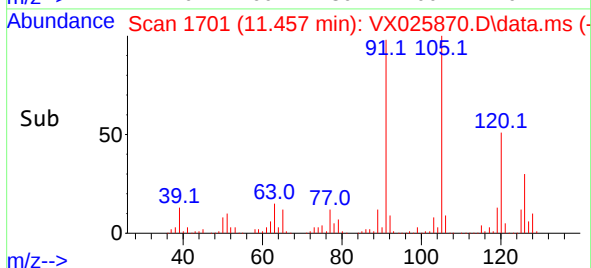
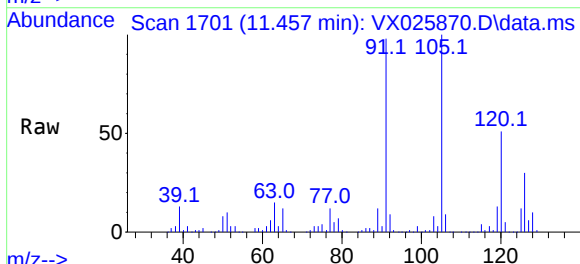
Manual Integrations
APPROVED

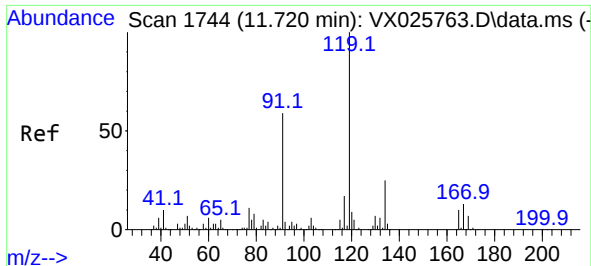
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#82
4-Chlorotoluene
Concen: 49.152 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion: 91 Resp: 280140
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7





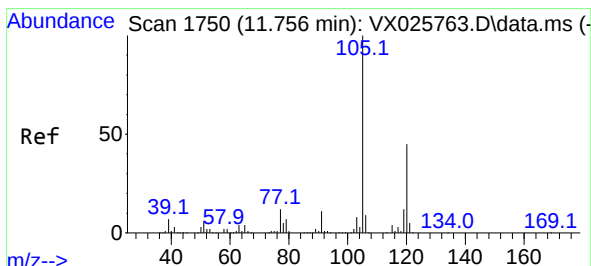
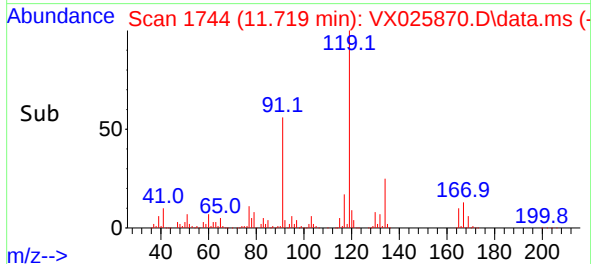
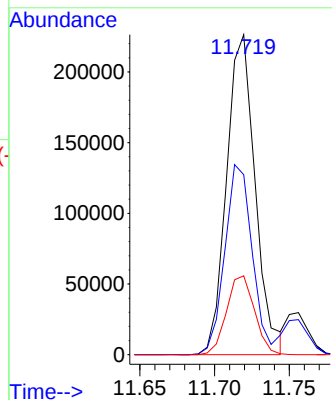
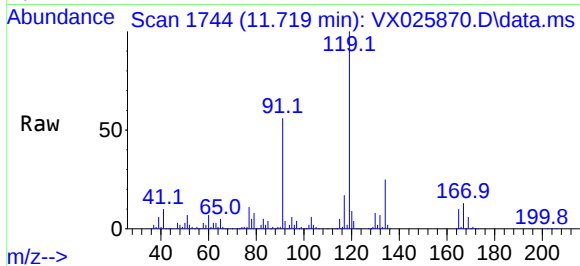
#83
tert-Butylbenzene
Concen: 52.432 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 301614
Ion Ratio Lower Upper
119 100
91 56.6 28.7 86.1
134 24.1 11.9 35.9

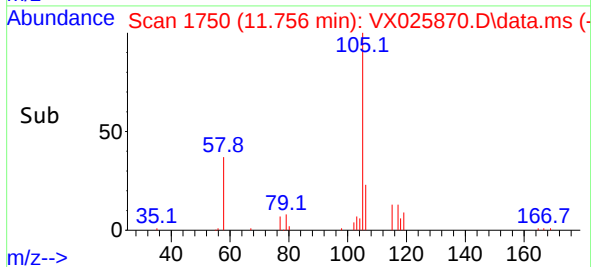
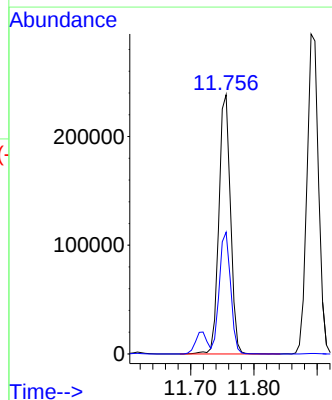
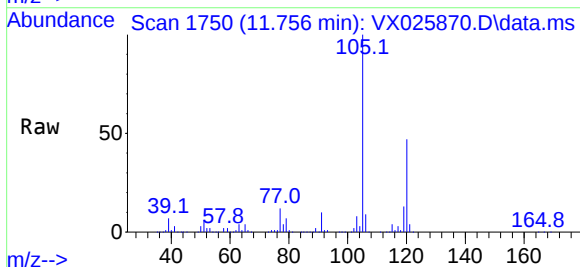
Manual Integrations
APPROVED

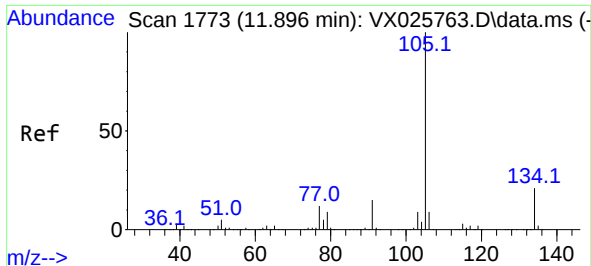
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#84
1,2,4-Trimethylbenzene
Concen: 51.427 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:105 Resp: 301502
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 53.755 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX025870.D
 Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

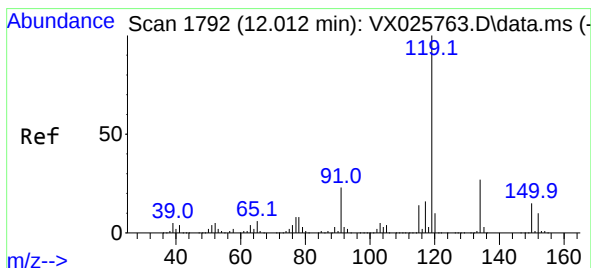
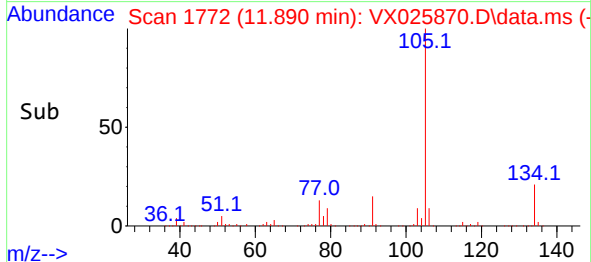
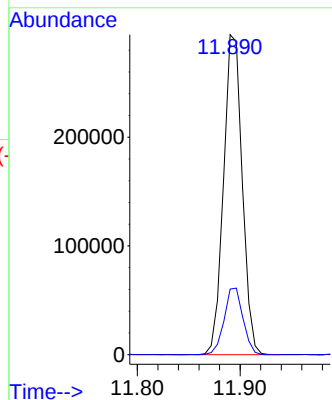
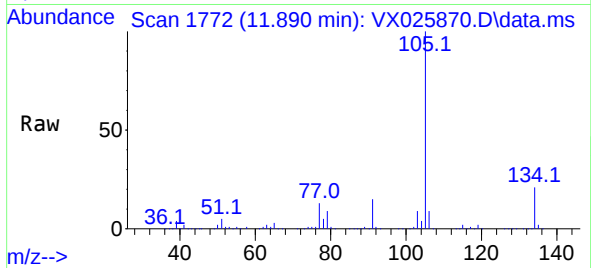
VSTDCCC050EC

Tgt Ion:105 Resp: 371679
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations

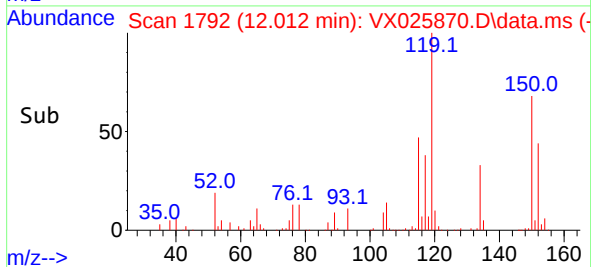
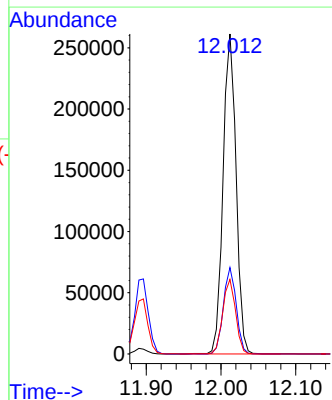
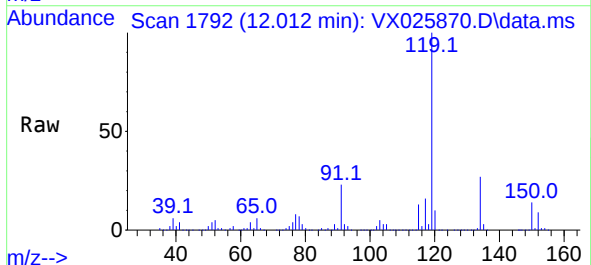
APPROVED

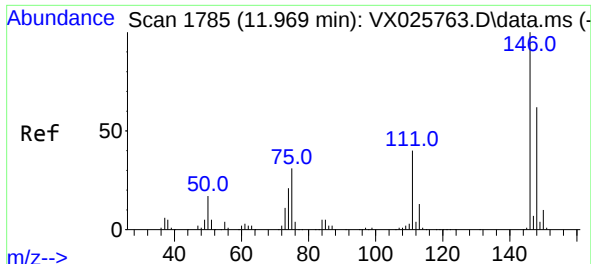
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/22/2021



#86
 p-Isopropyltoluene
 Concen: 54.577 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025870.D
 Acq: 16 Dec 2021 21:01

Tgt Ion:119 Resp: 316918
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 49.276 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 166648

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.6

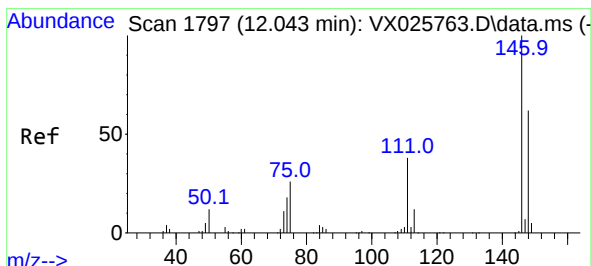
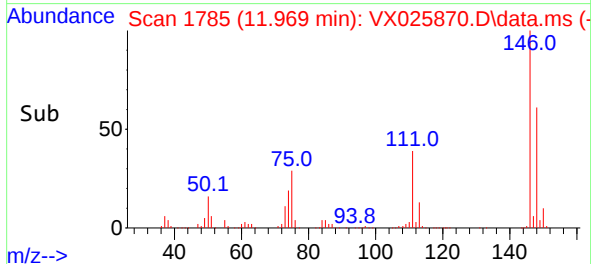
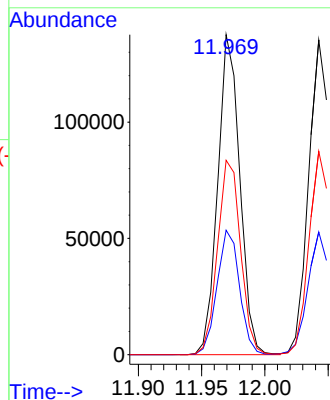
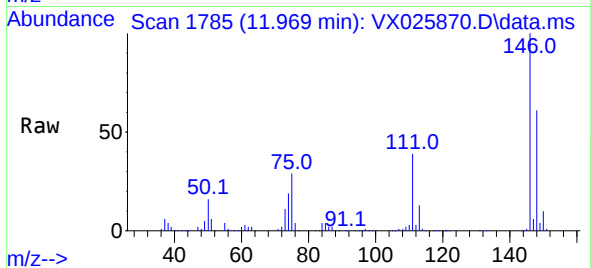
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/22/2021



#88

1,4-Dichlorobenzene

Concen: 47.920 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX025870.D

Acq: 16 Dec 2021 21:01

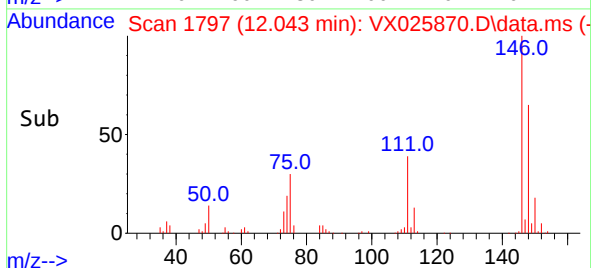
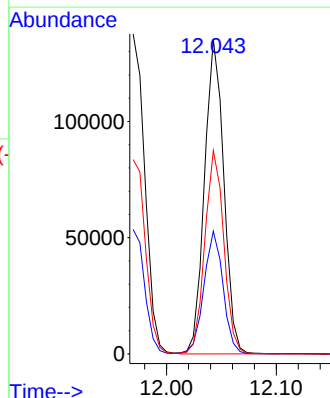
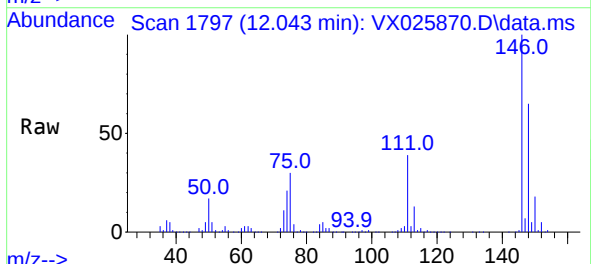
Tgt Ion:146 Resp: 165459

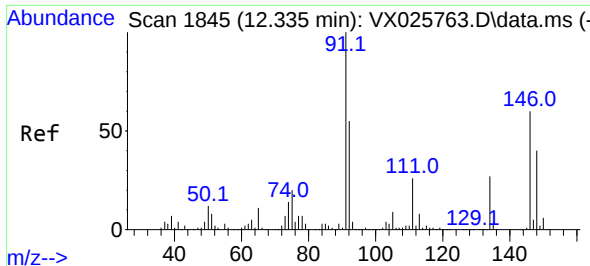
Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.8 31.9 95.7





#89
n-Butylbenzene
Concen: 53.948 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

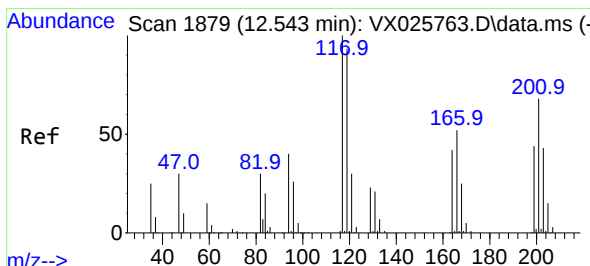
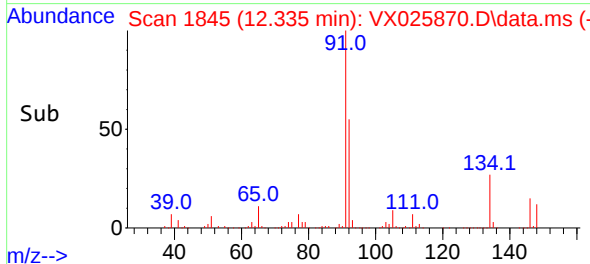
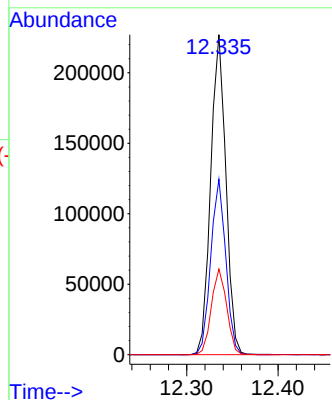
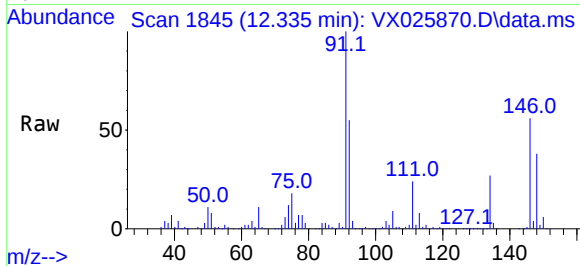
VSTDCCC050EC

Tgt Ion: 91 Resp: 26131
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.8
134 26.9 13.5 40.4

Manual Integrations

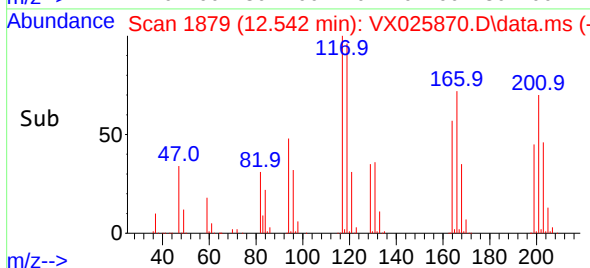
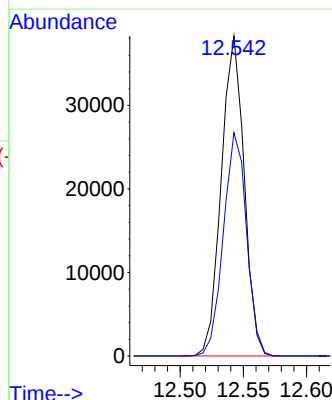
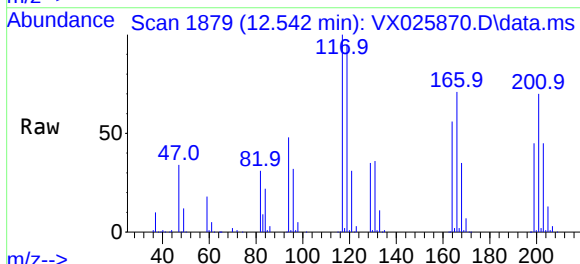
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#90
Hexachloroethane
Concen: 42.050 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:117 Resp: 47988
Ion Ratio Lower Upper
117 100
201 70.9 35.4 106.3





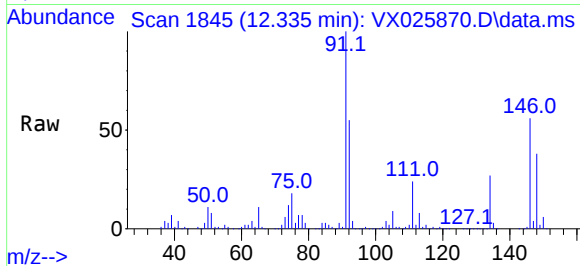
#91
1,2-Dichlorobenzene
Concen: 50.965 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

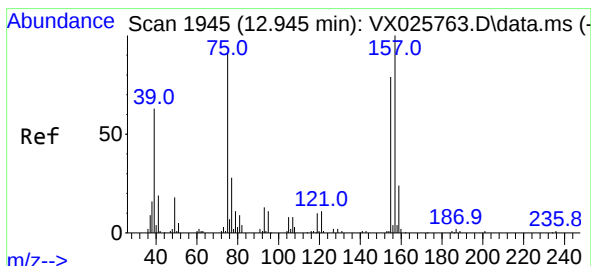
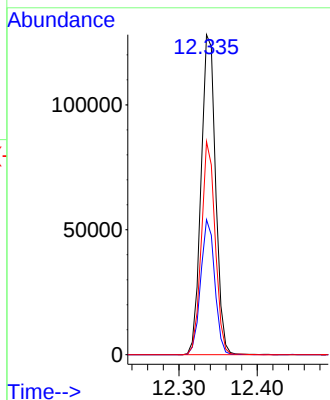
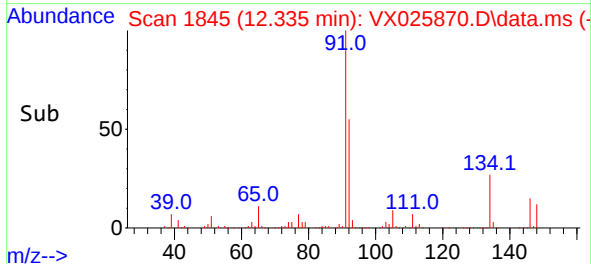


Tgt Ion:146 Resp: 164599
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.9
148 63.4 31.9 95.7

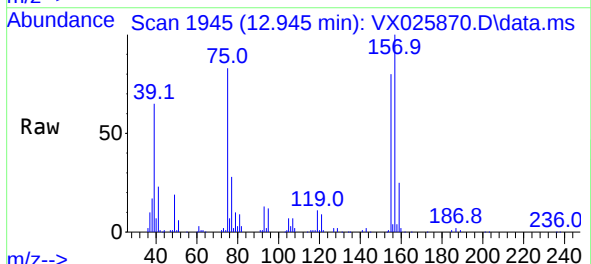
Manual Integrations

APPROVED

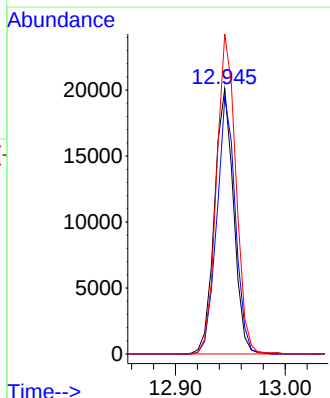
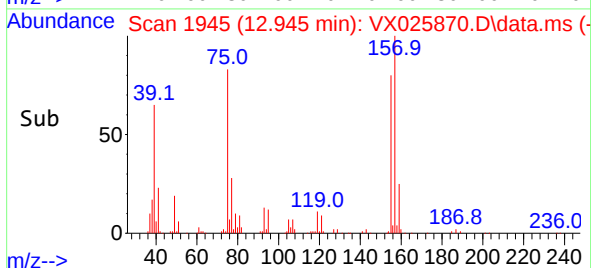
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021

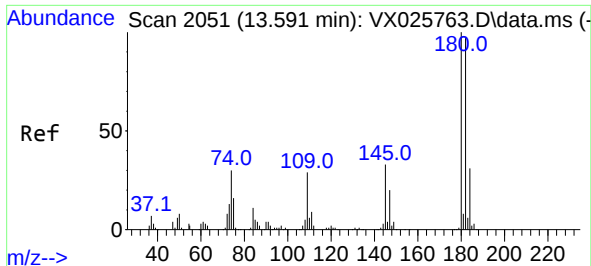


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.742 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion: 75 Resp: 24242
Ion Ratio Lower Upper
75 100
155 94.6 44.0 131.8
157 122.7 55.5 166.5





#93
1,2,4-Trichlorobenzene
Concen: 49.622 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

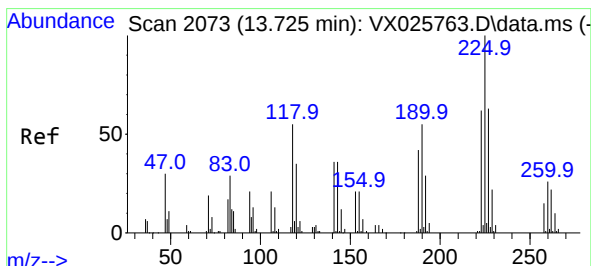
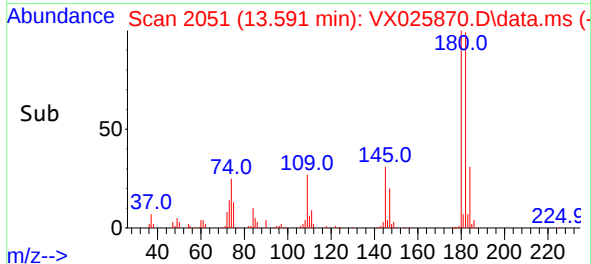
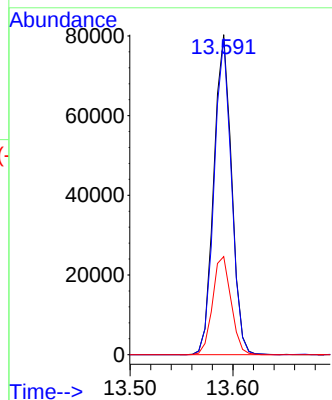
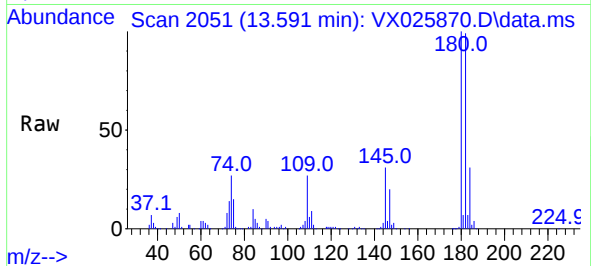
VSTDCCC050EC

Tgt Ion:180 Resp: 9651
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 31.9 16.3 48.9

Manual Integrations

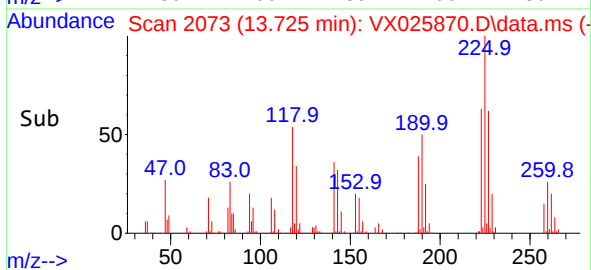
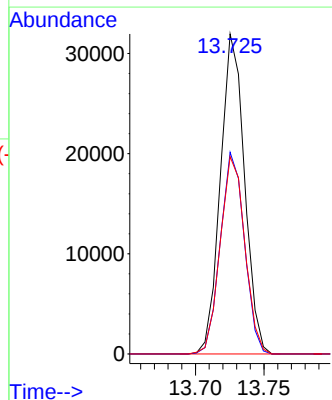
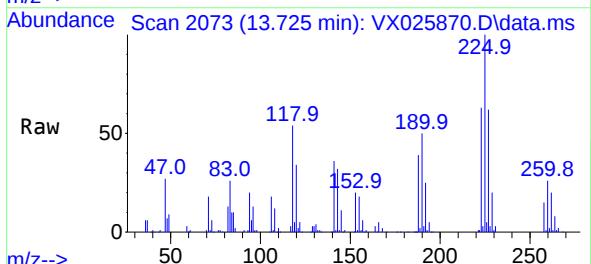
APPROVED

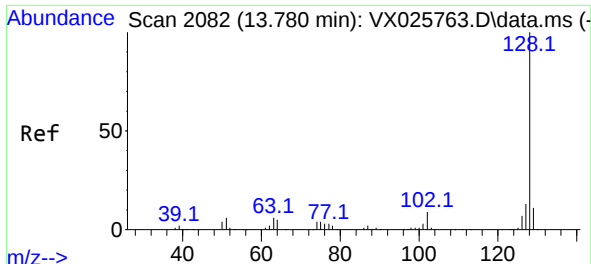
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#94
Hexachlorobutadiene
Concen: 56.804 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Tgt Ion:225 Resp: 39024
Ion Ratio Lower Upper
225 100
223 62.7 31.6 95.0
227 63.0 32.5 97.5





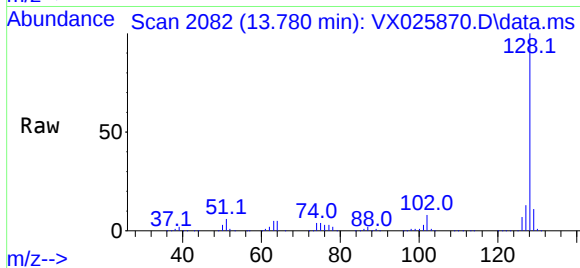
#95
Naphthalene
Concen: 58.336 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

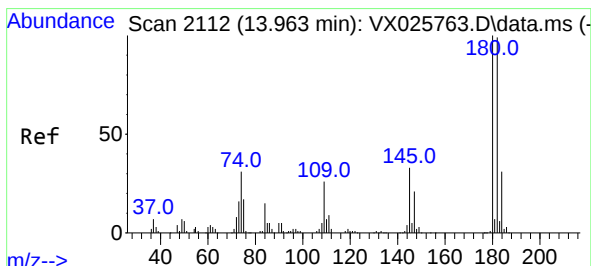
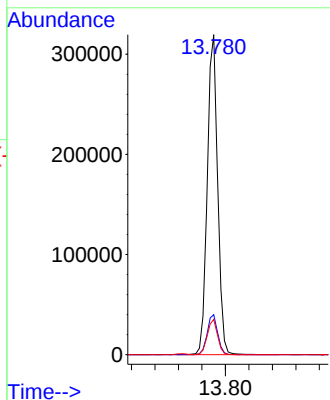
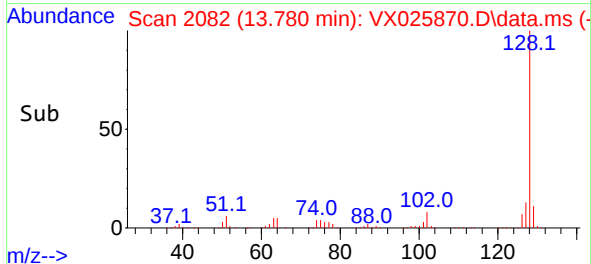


Tgt Ion:128 Resp: 391334
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

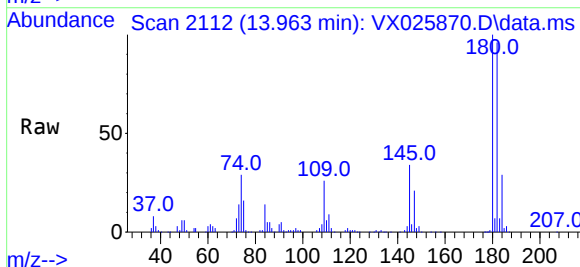
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/22/2021



#96
1,2,3-Trichlorobenzene
Concen: 51.253 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025870.D
Acq: 16 Dec 2021 21:01



Tgt Ion:180 Resp: 98895
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 33.5 16.7 50.1

