

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076782.D
 Acq On : 22 Feb 2023 19:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 00:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	531129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	502861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	264797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208667	52.396	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.800%			
35) Dibromofluoromethane	8.172	113	162108	46.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.220%			
50) Toluene-d8	10.572	98	674771	51.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.848	95	234713	54.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	136159	44.461	ug/l	97
3) Chloromethane	2.378	50	167010	41.800	ug/l	95
4) Vinyl Chloride	2.531	62	186100	47.326	ug/l	98
5) Bromomethane	2.943	94	117304	49.233	ug/l	83
6) Chloroethane	3.119	64	133377	53.670	ug/l	99
7) Trichlorofluoromethane	3.507	101	238258	44.531	ug/l	97
8) Diethyl Ether	3.972	74	99408	48.217	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	146600	46.632	ug/l	98
10) Methyl Iodide	4.601	142	198696	51.180	ug/l	99
11) Tert butyl alcohol	5.537	59	133348	253.668	ug/l	97
12) 1,1-Dichloroethene	4.348	96	135972	45.675	ug/l	96
13) Acrolein	4.190	56	175917	222.904	ug/l	98
14) Allyl chloride	5.031	41	244360	47.374	ug/l	95
15) Acrylonitrile	5.731	53	467624	250.656	ug/l	97
16) Acetone	4.437	43	385878	216.914	ug/l	99
17) Carbon Disulfide	4.725	76	331836	42.219	ug/l	96
18) Methyl Acetate	5.037	43	299722	51.616	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	530735	52.880	ug/l	98
20) Methylene Chloride	5.284	84	173486	46.532	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	153505	45.808	ug/l	96
22) Diisopropyl ether	6.684	45	665177	54.981	ug/l	96
23) Vinyl Acetate	6.613	43	2133439	298.046	ug/l	99
24) 1,1-Dichloroethane	6.578	63	330008	49.771	ug/l	98
25) 2-Butanone	7.489	43	667339	254.314	ug/l	100
26) 2,2-Dichloropropane	7.495	77	239035	49.981	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	189745	47.740	ug/l	95
28) Bromochloromethane	7.819	49	168312	53.335	ug/l	89
29) Tetrahydrofuran	7.842	42	462645	269.852	ug/l	99
30) Chloroform	7.972	83	340113	51.340	ug/l	100
31) Cyclohexane	8.266	56	298597	47.797	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	281249	50.493	ug/l	95
36) 1,1-Dichloropropene	8.378	75	238609	47.480	ug/l	99
37) Ethyl Acetate	7.572	43	279346	52.831	ug/l	98
38) Carbon Tetrachloride	8.366	117	236966	46.742	ug/l	95
39) Methylcyclohexane	9.601	83	289709	50.715	ug/l	93
40) Benzene	8.613	78	763939	49.500	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	161832	52.832	ug/l	98
42) 1,2-Dichloroethane	8.678	62	273468	50.806	ug/l	98
43) Isopropyl Acetate	8.689	43	453598	52.720	ug/l	99
44) Trichloroethene	9.354	130	172540	47.310	ug/l	92
45) 1,2-Dichloropropane	9.624	63	202404	49.543	ug/l	98
46) Dibromomethane	9.713	93	129215	49.473	ug/l	98
47) Bromodichloromethane	9.889	83	274464	52.414	ug/l #	98
48) Methyl methacrylate	9.683	41	217045	53.161	ug/l	97
49) 1,4-Dioxane	9.695	88	71708	1015.333	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1501594	274.300	ug/l	98
52) Toluene	10.630	92	500365	53.701	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	286497	56.685	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	304247	52.187	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	194626	51.369	ug/l	98
56) Ethyl methacrylate	10.877	69	302025	56.633	ug/l	97
57) 1,3-Dichloropropane	11.166	76	343954	52.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	629460	257.721	ug/l	97
59) 2-Hexanone	11.195	43	1079864	273.581	ug/l	99
60) Dibromochloromethane	11.360	129	206211	51.642	ug/l	99
61) 1,2-Dibromoethane	11.471	107	194190	51.205	ug/l	98
64) Tetrachloroethene	11.107	164	146044	46.085	ug/l	96
65) Chlorobenzene	11.895	112	532666	49.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	193501	49.989	ug/l	99
67) Ethyl Benzene	11.966	91	963974	53.094	ug/l	100
68) m/p-Xylenes	12.071	106	749736	107.131	ug/l	96
69) o-Xylene	12.401	106	371021	54.359	ug/l	99
70) Styrene	12.413	104	627531	56.856	ug/l	99
71) Bromoform	12.577	173	151505	53.359	ug/l #	99
73) Isopropylbenzene	12.695	105	984100	50.704	ug/l	99
74) N-amyl acetate	12.495	43	428002	48.924	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	311832	44.386	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	253893m	47.426	ug/l	
77) Bromobenzene	12.983	156	221714	45.786	ug/l	95
78) n-propylbenzene	13.036	91	1176237	51.610	ug/l	100
79) 2-Chlorotoluene	13.124	91	680511	48.766	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	827686	51.601	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	85522	46.529	ug/l	92
82) 4-Chlorotoluene	13.124	91	680511	48.766	ug/l	99
83) tert-Butylbenzene	13.442	119	743532	51.241	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	837226	52.373	ug/l	99
85) sec-Butylbenzene	13.618	105	1081883	53.403	ug/l	98
86) p-Isopropyltoluene	13.730	119	882840	54.573	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	445651	48.686	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	441620	48.448	ug/l	99
89) n-Butylbenzene	14.060	91	750960	53.373	ug/l	99
90) Hexachloroethane	14.336	117	157870	46.608	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	446994	47.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	57604	42.322	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	225705	48.217	ug/l	99
94) Hexachlorobutadiene	15.506	225	105777	46.105	ug/l	99
95) Naphthalene	15.642	128	733527	51.639	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	222917	49.154	ug/l	99

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

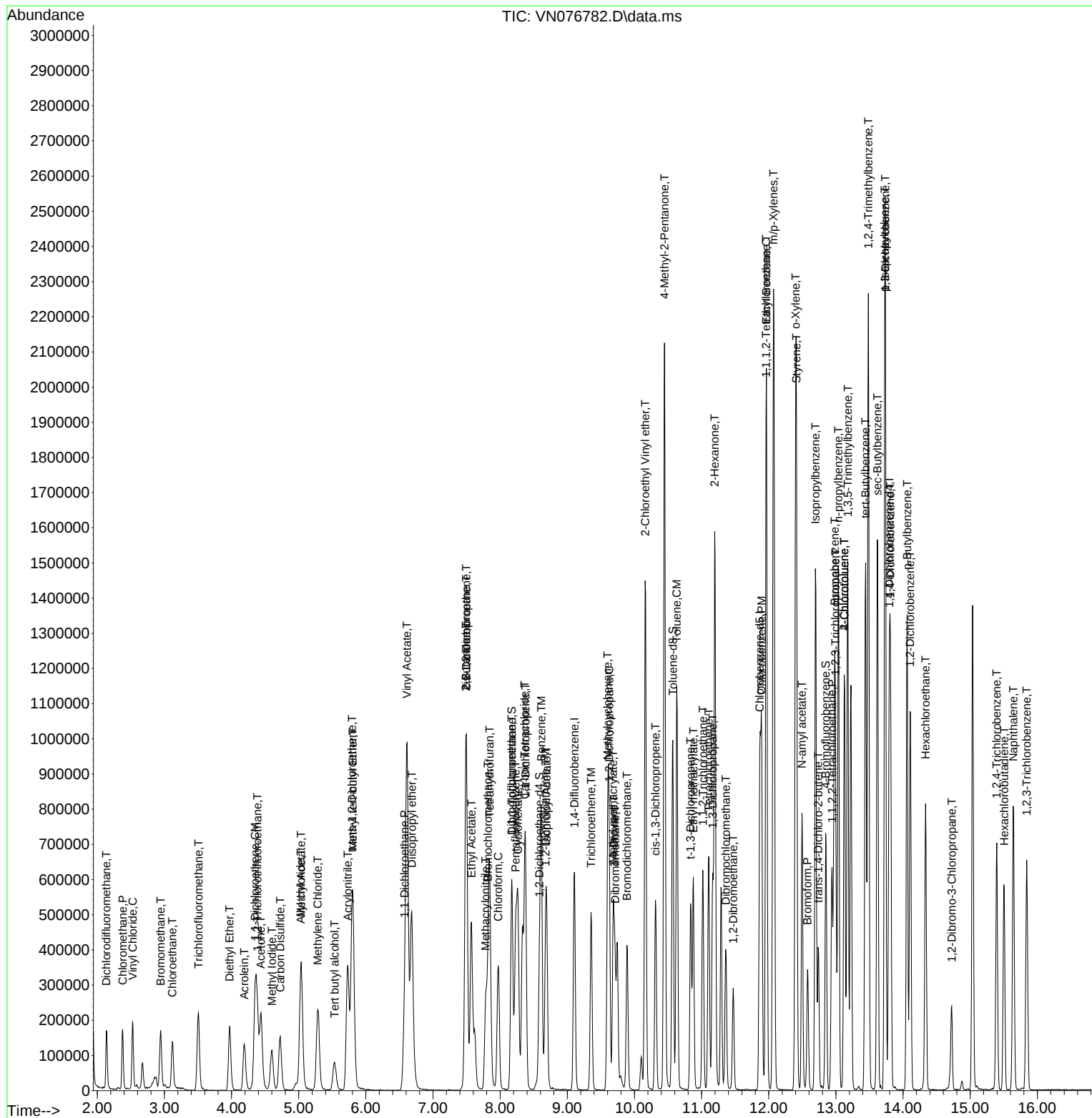
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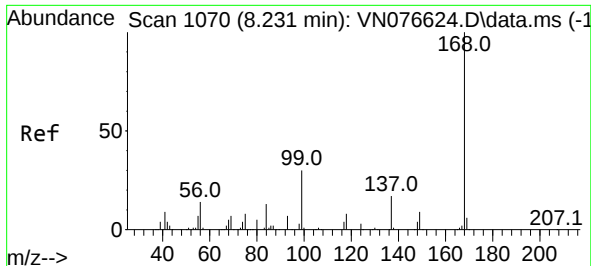
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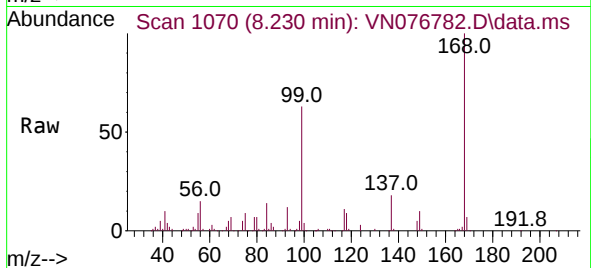
Reviewed By : John Carlone 02/23/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
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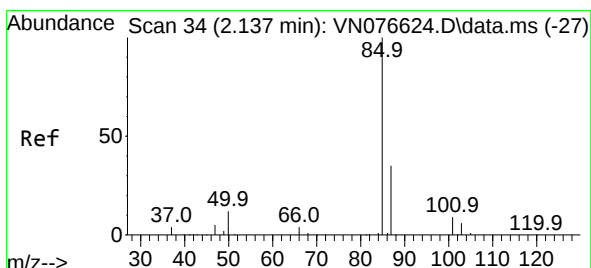
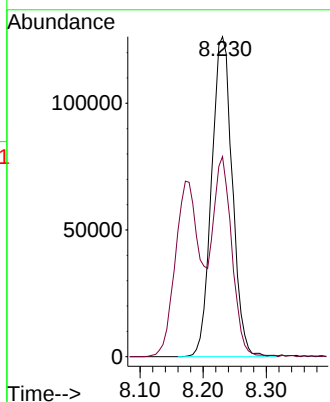
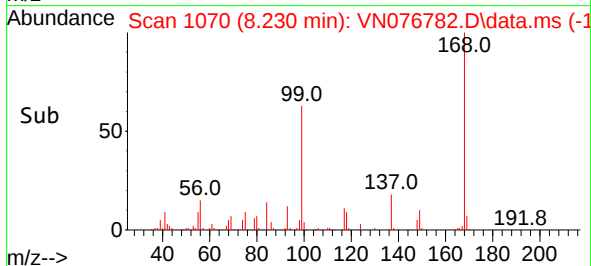
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Tgt Ion:168 Resp: 288410
Ion Ratio Lower Upper
168 100
99 62.6 44.8 67.2

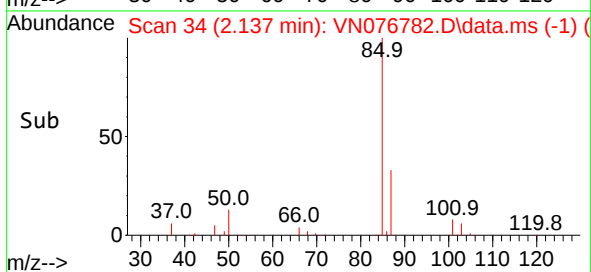
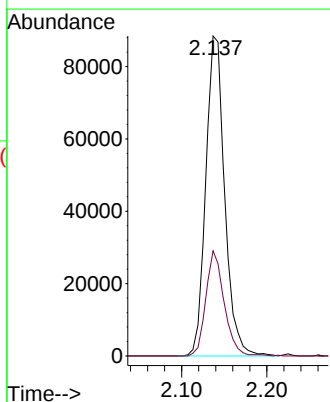
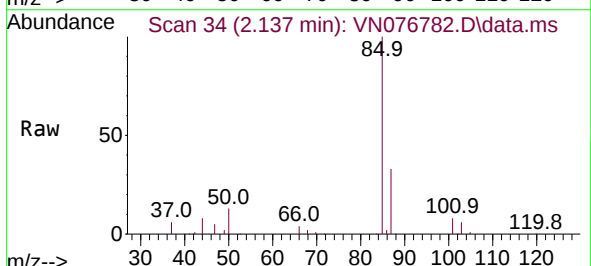
Manual Integrations
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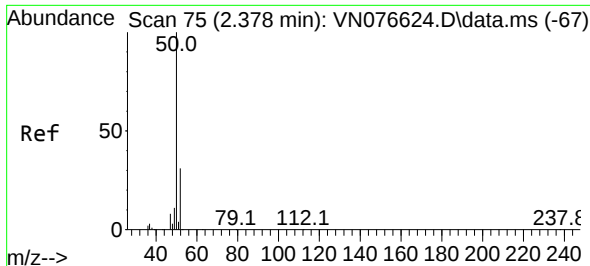
Reviewed By :John Carlone 02/23/2023
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#2
Dichlorodifluoromethane
Concen: 44.461 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

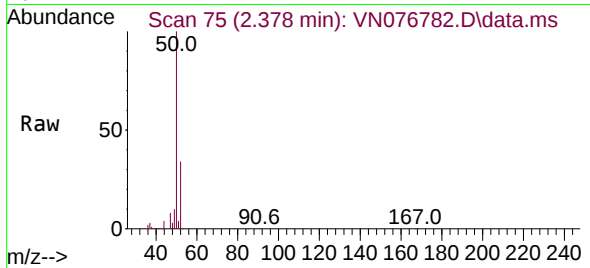
Tgt Ion: 85 Resp: 136159
Ion Ratio Lower Upper
85 100
87 32.8 17.4 52.2





#3
Chloromethane
Concen: 41.800 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

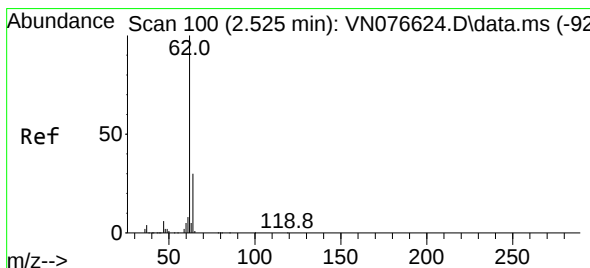
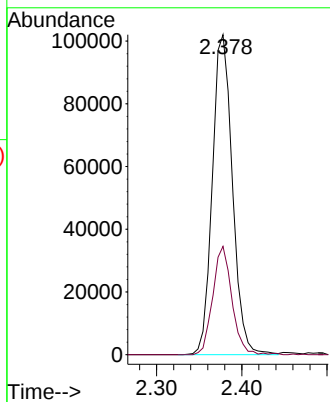
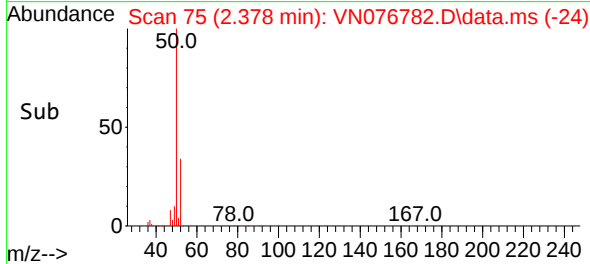
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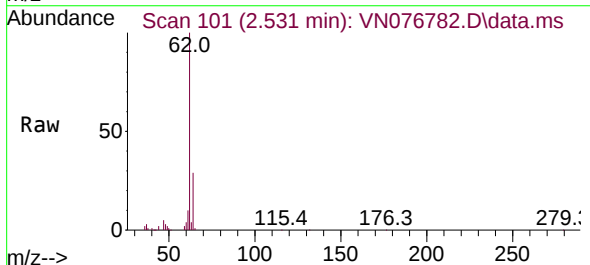
Tgt Ion: 50 Resp: 167010
Ion Ratio Lower Upper
50 100
52 33.9 24.7 37.1

Manual Integrations
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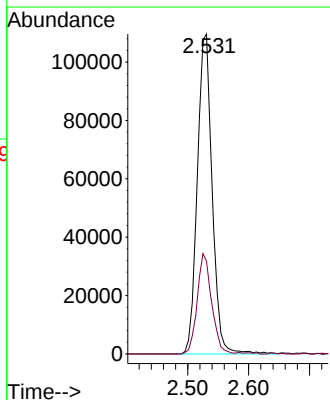
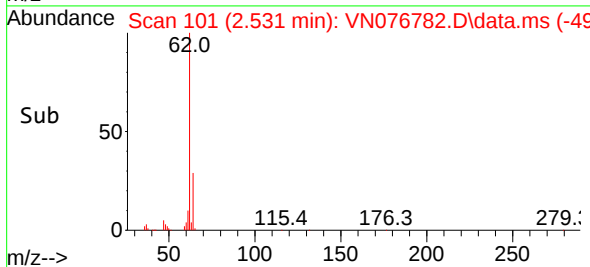
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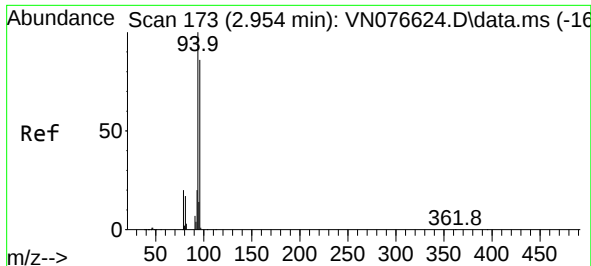


#4
Vinyl Chloride
Concen: 47.326 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



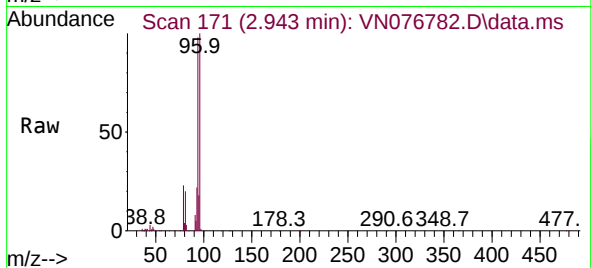
Tgt Ion: 62 Resp: 186100
Ion Ratio Lower Upper
62 100
64 29.0 23.9 35.9





#5
Bromomethane
Concen: 49.233 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

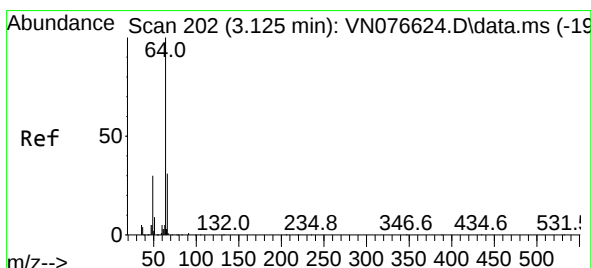
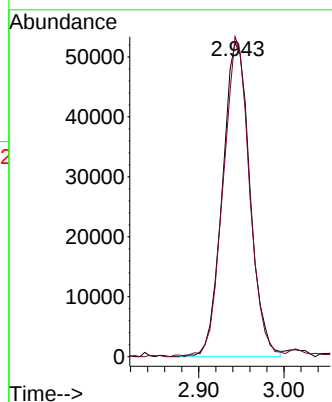
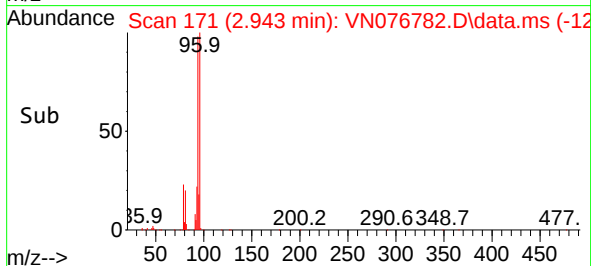
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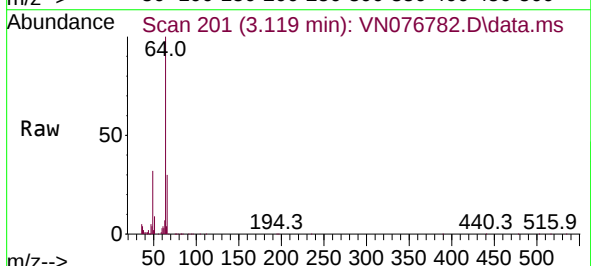
Tgt Ion: 94 Resp: 117304
Ion Ratio Lower Upper
94 100
96 101.5 69.0 103.4

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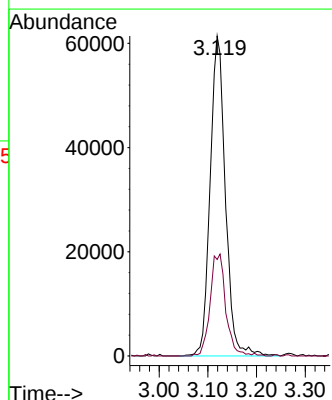
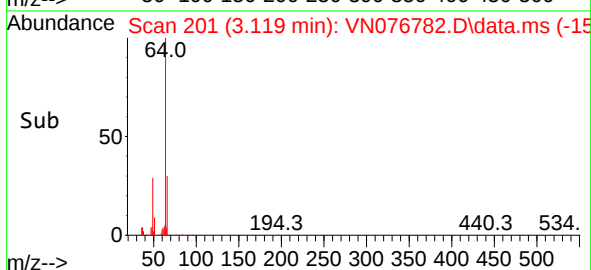
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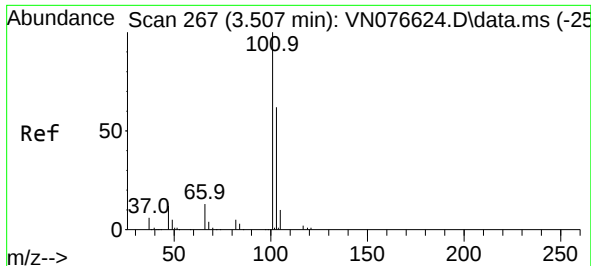


#6
Chloroethane
Concen: 53.670 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



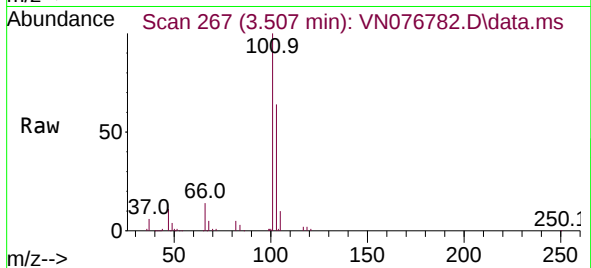
Tgt Ion: 64 Resp: 133377
Ion Ratio Lower Upper
64 100
66 30.2 24.6 37.0





#7
Trichlorofluoromethane
Concen: 44.531 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

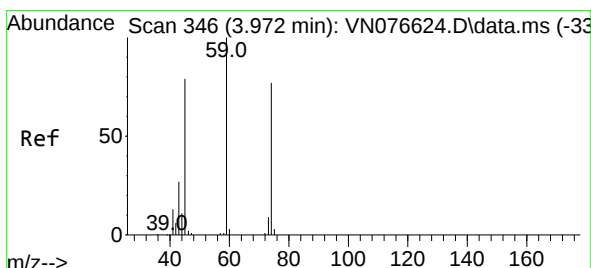
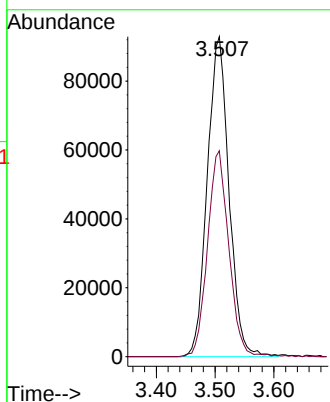
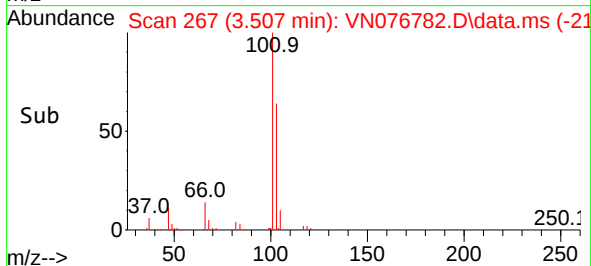
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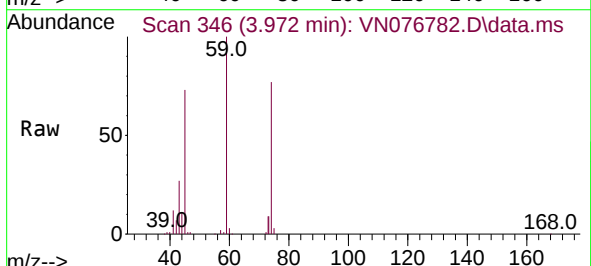
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Ion Ratio Lower Upper
101 100
103 64.4 49.4 74.2

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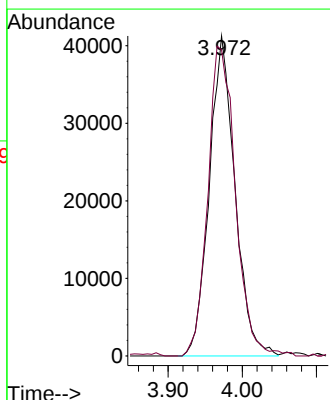
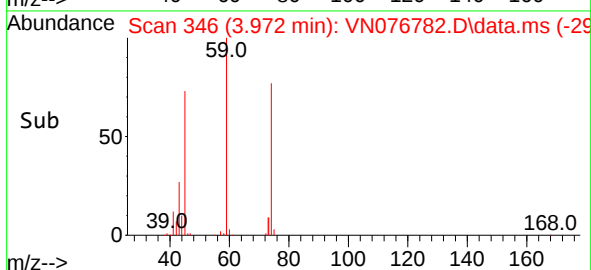
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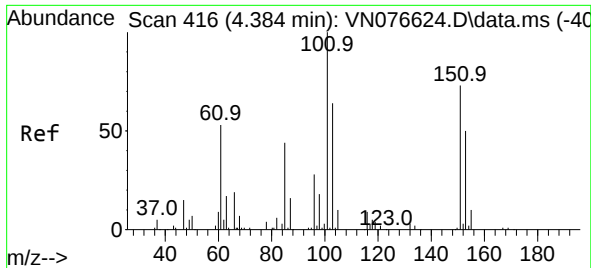


#8
Diethyl Ether
Concen: 48.217 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 74 Resp: 99408
Ion Ratio Lower Upper
74 100
45 104.0 51.3 153.9





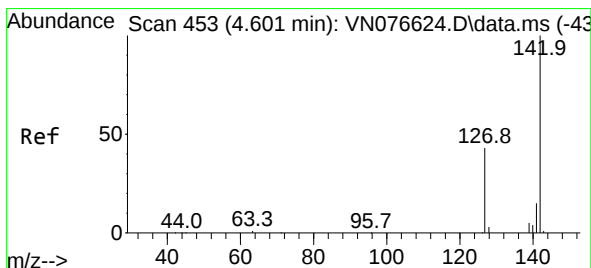
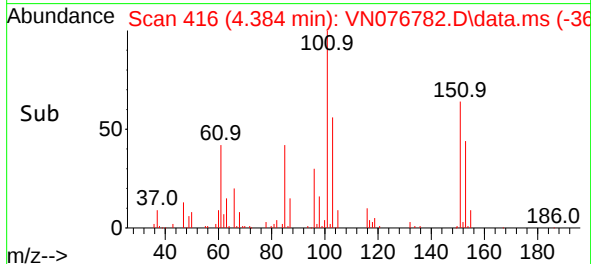
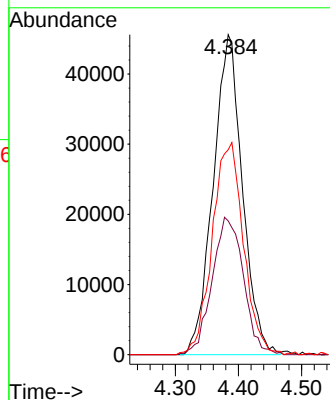
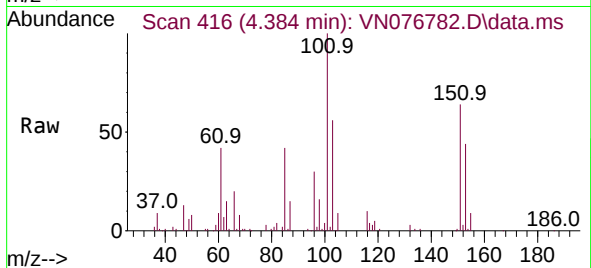
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.632 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 146600
Ion Ratio Lower Upper
101 100
85 46.0 37.4 56.0
151 70.7 58.7 88.1

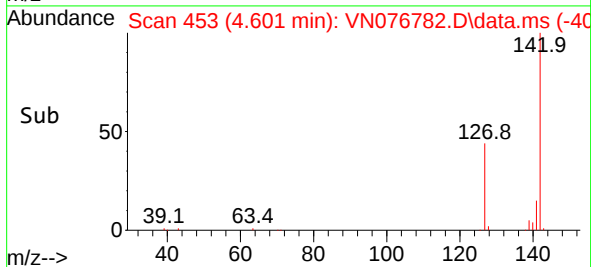
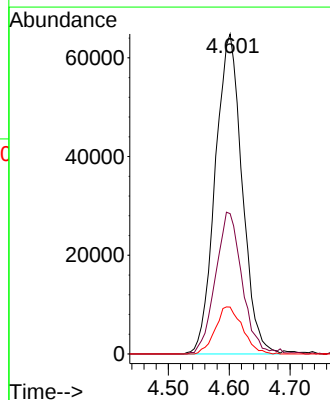
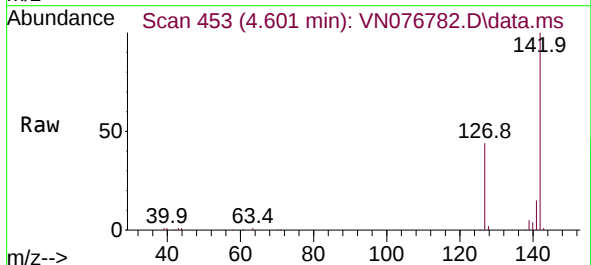
Manual Integrations
APPROVED

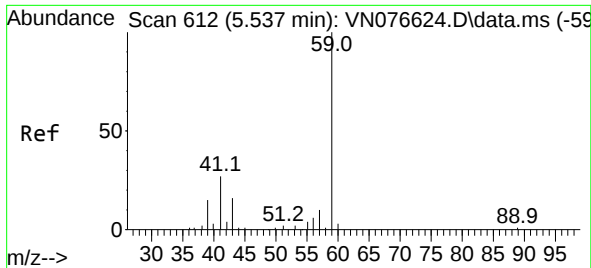
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 51.180 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

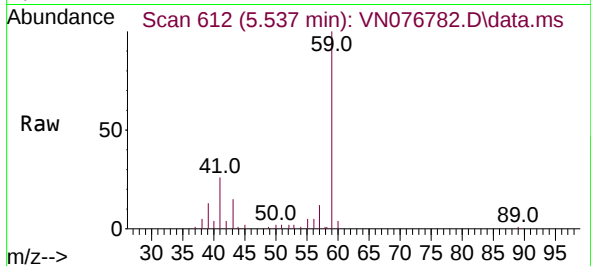
Tgt Ion:142 Resp: 198696
Ion Ratio Lower Upper
142 100
127 43.9 34.6 51.8
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 253.668 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

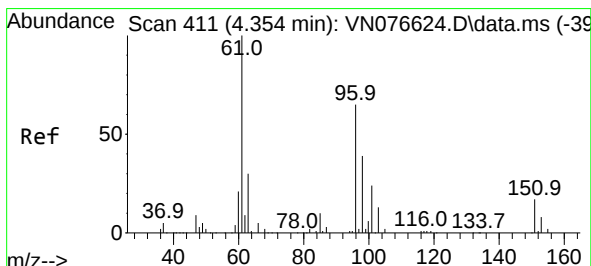
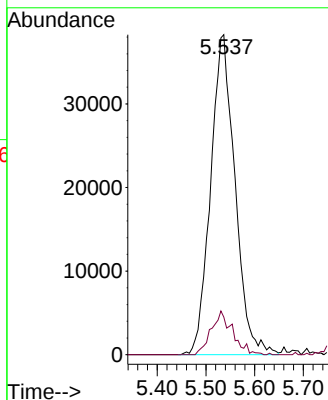
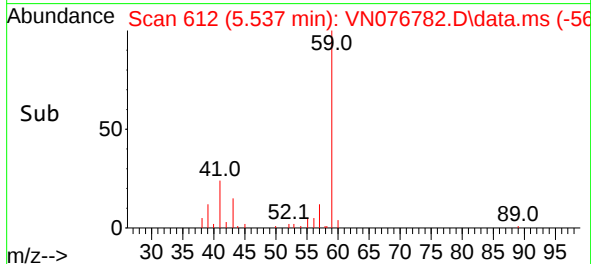
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



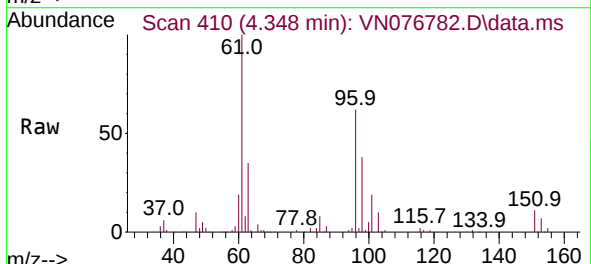
Tgt Ion: 59 Resp: 133348
Ion Ratio Lower Upper
59 100
57 11.9 8.7 13.1

Manual Integrations
APPROVED

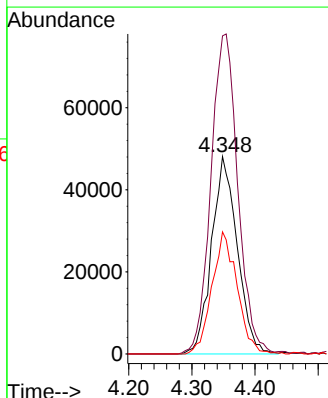
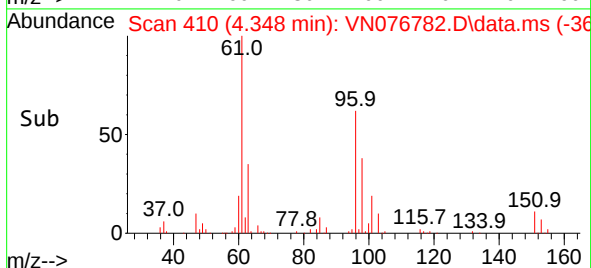
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

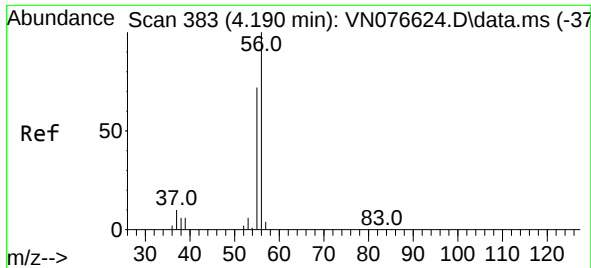


#12
1,1-Dichloroethene
Concen: 45.675 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



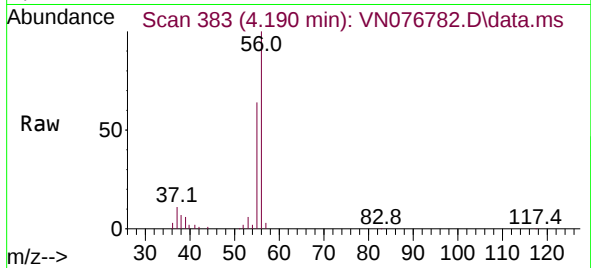
Tgt Ion: 96 Resp: 135972
Ion Ratio Lower Upper
96 100
61 161.1 123.8 185.6
98 61.8 48.4 72.6





#13
Acrolein
Concen: 222.904 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

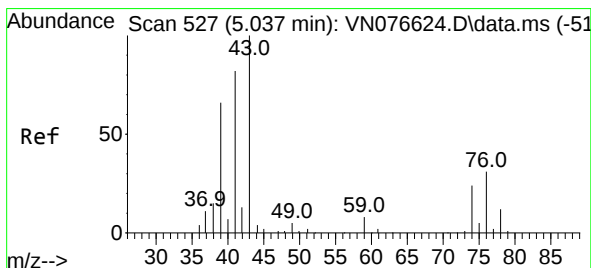
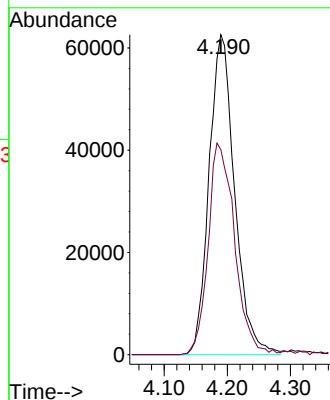
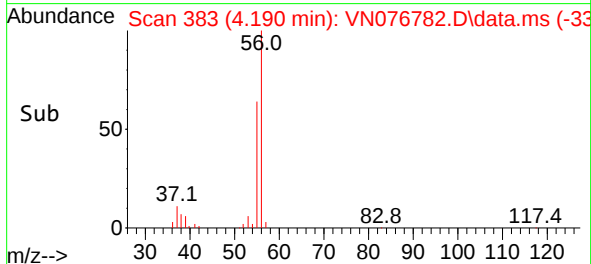
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



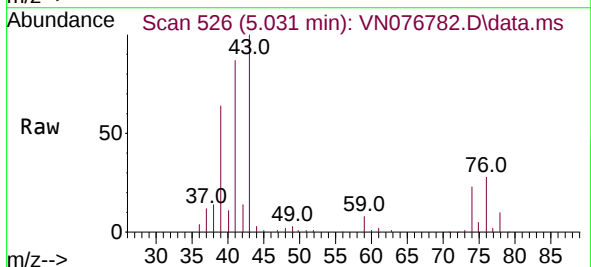
Tgt Ion: 56 Resp: 175917
Ion Ratio Lower Upper
56 100
55 68.4 56.3 84.5

Manual Integrations
APPROVED

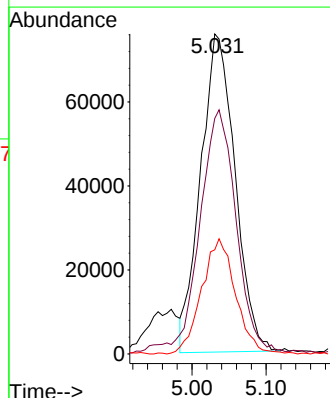
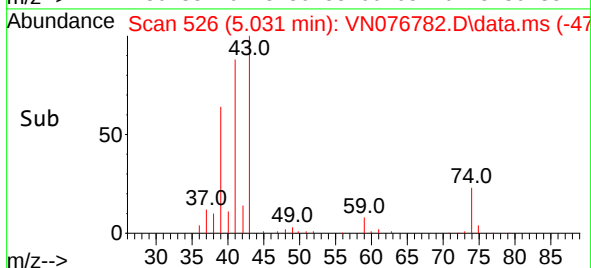
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

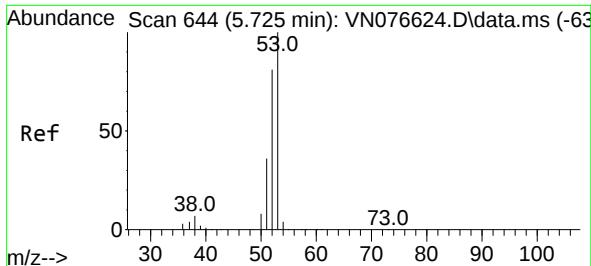


#14
Allyl chloride
Concen: 47.374 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



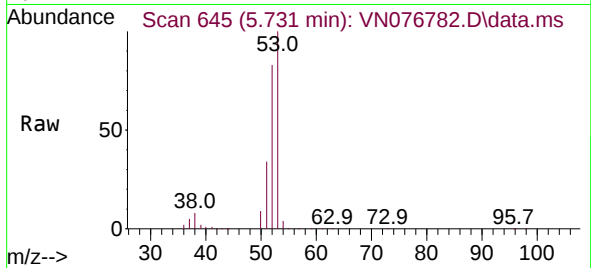
Tgt Ion: 41 Resp: 244360
Ion Ratio Lower Upper
41 100
39 82.4 62.3 93.5
76 35.8 27.0 40.6





#15
Acrylonitrile
Concen: 250.656 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

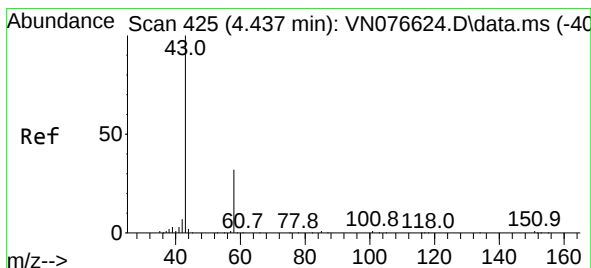
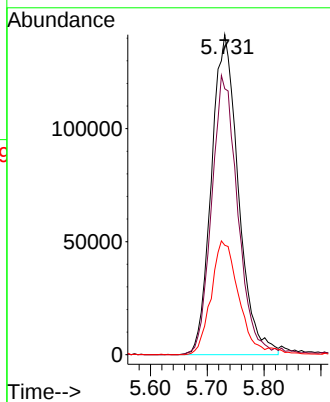
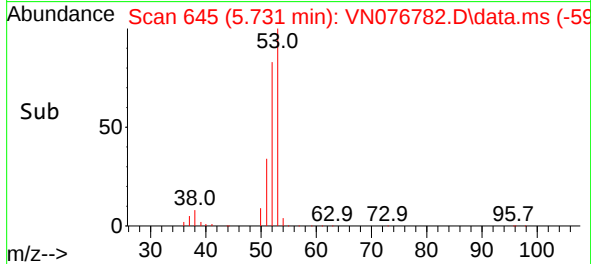
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 467624
Ion Ratio Lower Upper
53 100
52 85.3 65.3 97.9
51 35.8 29.2 43.8

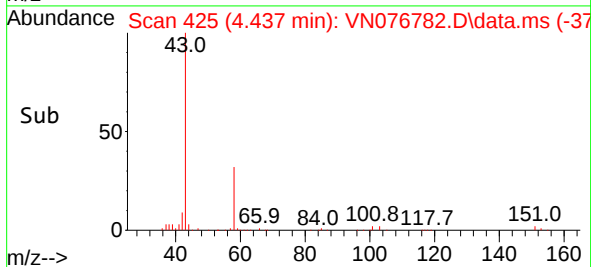
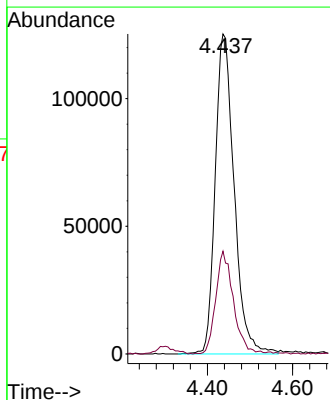
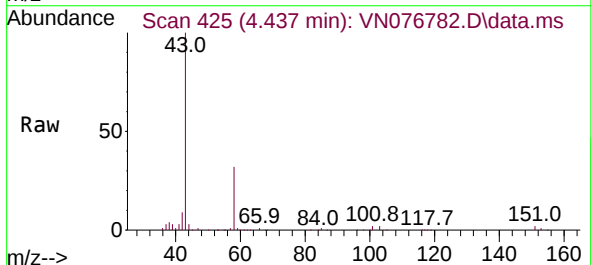
Manual Integrations
APPROVED

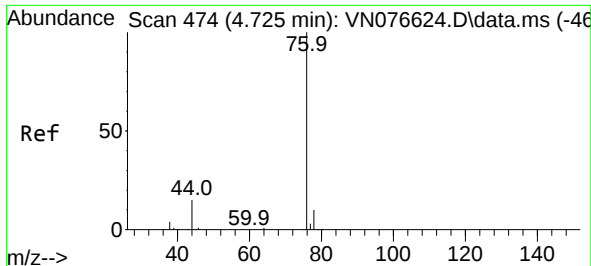
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
Acetone
Concen: 216.914 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

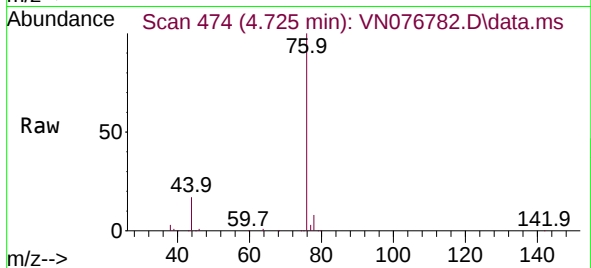
Tgt Ion: 43 Resp: 385878
Ion Ratio Lower Upper
43 100
58 31.8 25.9 38.9





#17
Carbon Disulfide
Concen: 42.219 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

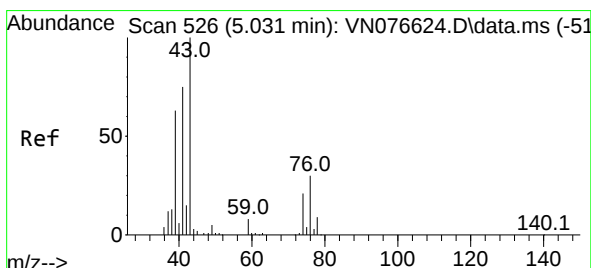
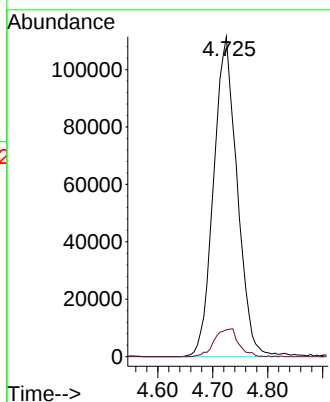
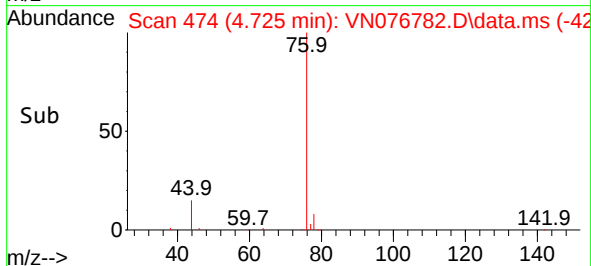
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



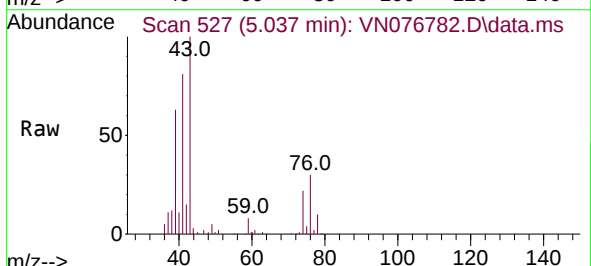
Tgt Ion: 76 Resp: 331830
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8

Manual Integrations
APPROVED

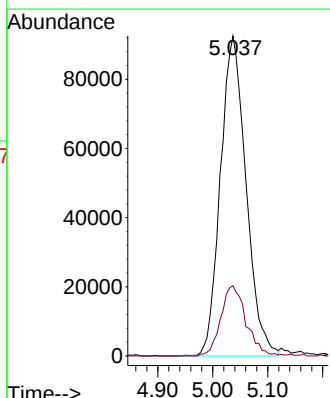
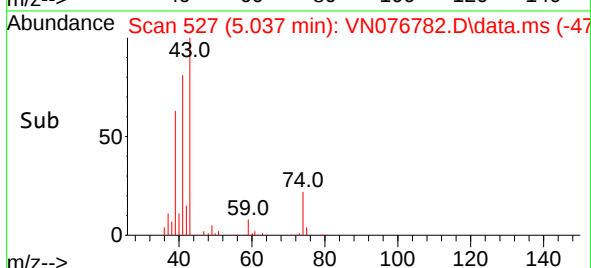
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

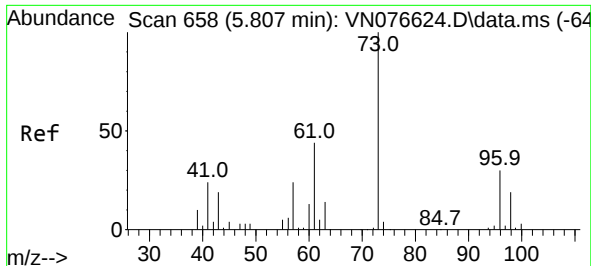


#18
Methyl Acetate
Concen: 51.616 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 43 Resp: 299722
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.880 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 53073

Ion Ratio Lower Upper

73 100

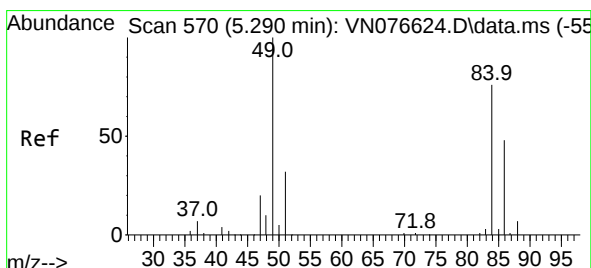
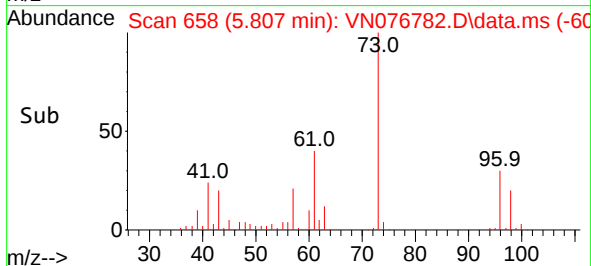
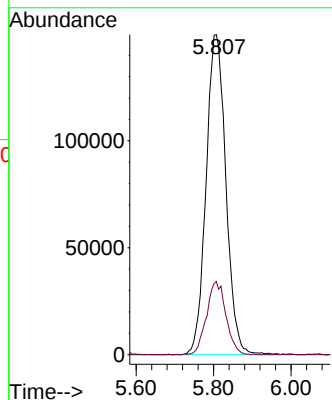
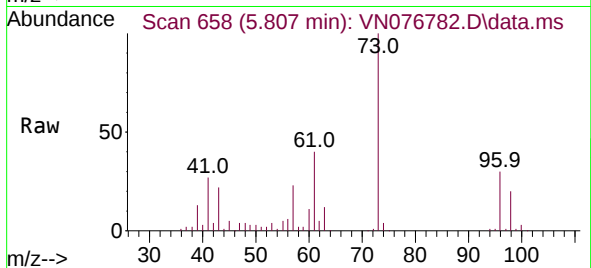
57 22.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#20

Methylene Chloride

Concen: 46.532 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Tgt Ion: 84 Resp: 173486

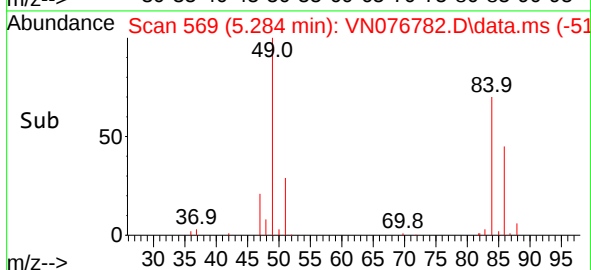
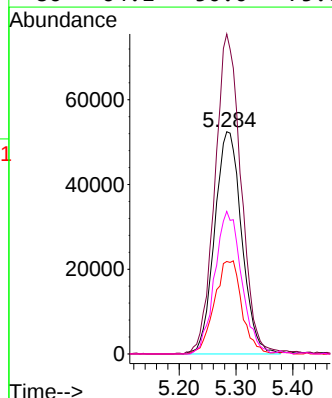
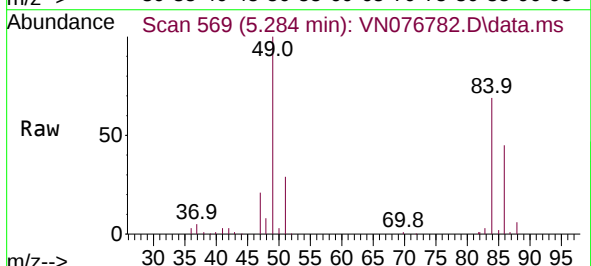
Ion Ratio Lower Upper

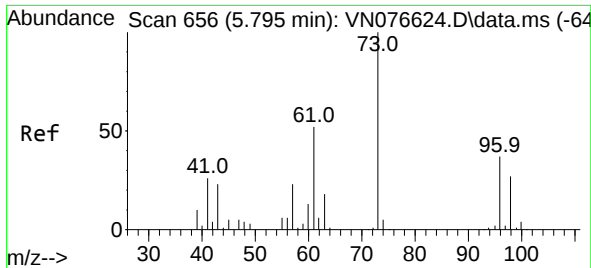
84 100

49 143.6 104.9 157.3

51 41.6 33.8 50.8

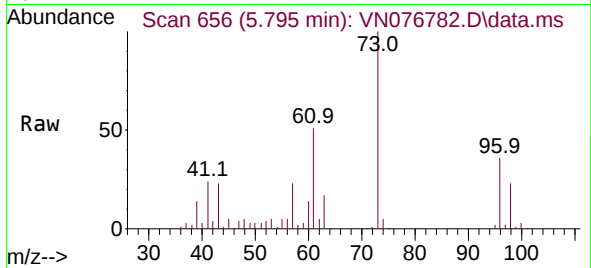
86 64.1 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 45.808 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

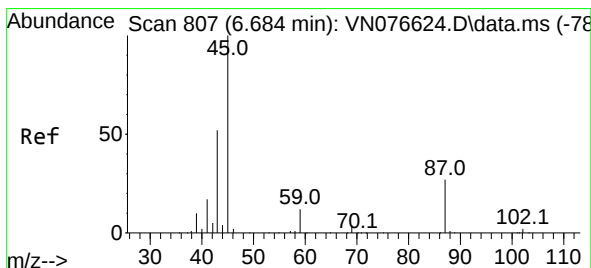
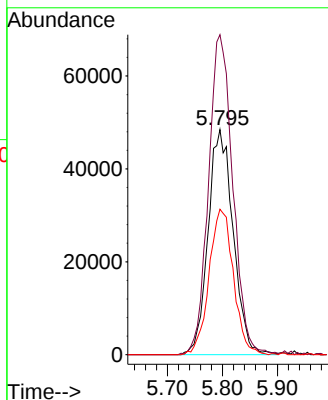
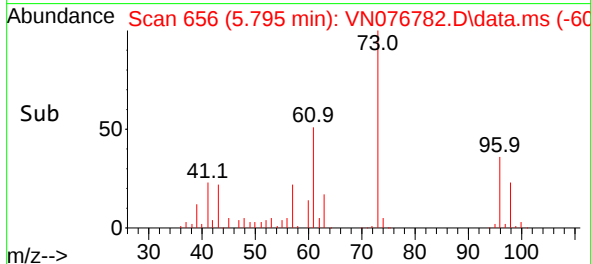
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



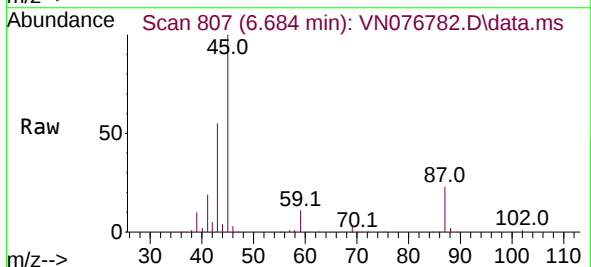
Tgt Ion: 96 Resp: 15350
Ion Ratio Lower Upper
96 100
61 142.2 113.9 170.9
98 64.6 59.4 89.0

Manual Integrations
APPROVED

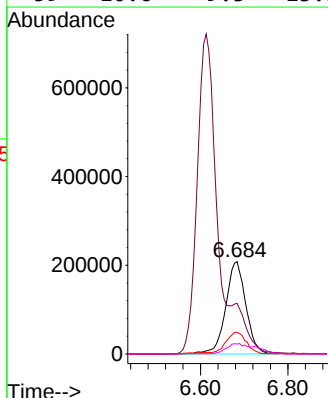
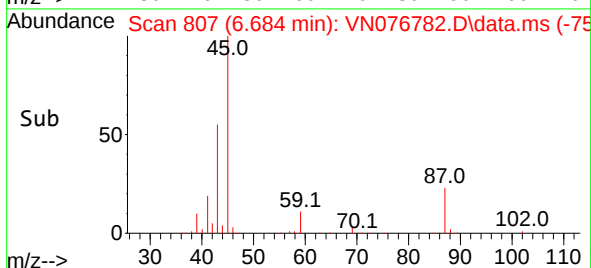
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

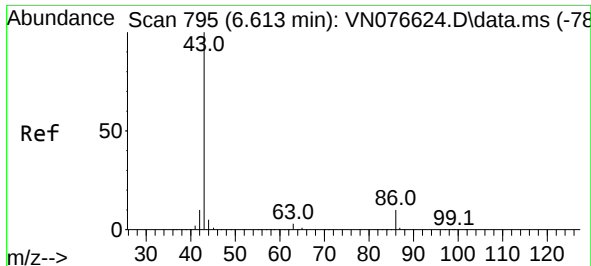


#22
Diisopropyl ether
Concen: 54.981 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



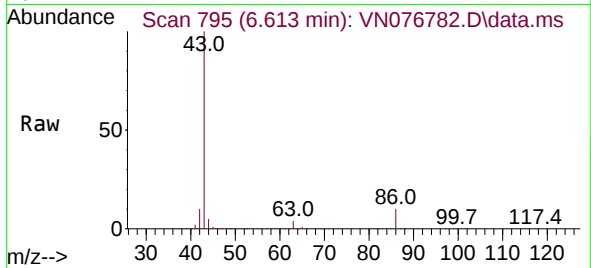
Tgt Ion: 45 Resp: 665177
Ion Ratio Lower Upper
45 100
43 54.3 41.8 62.6
87 23.3 21.8 32.8
59 10.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 298.046 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076782.D
 Acq: 22 Feb 2023 19:40

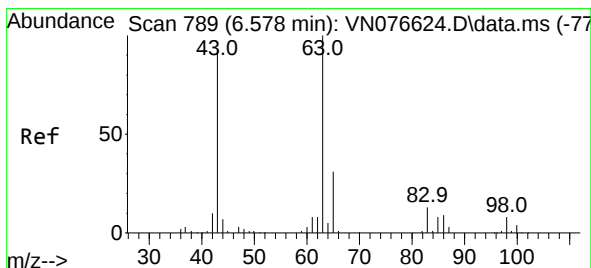
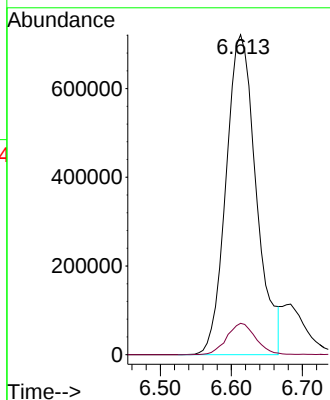
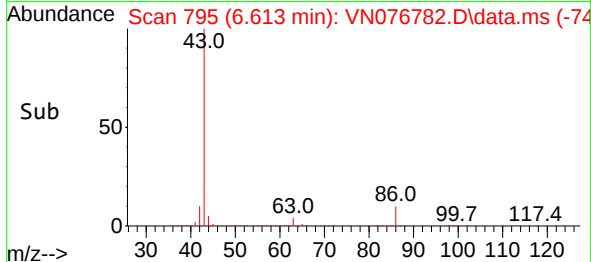
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



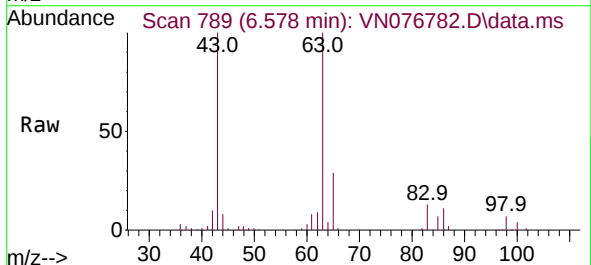
Tgt Ion: 43 Resp: 2133439
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2

Manual Integrations
 APPROVED

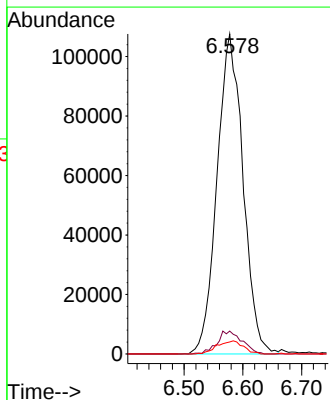
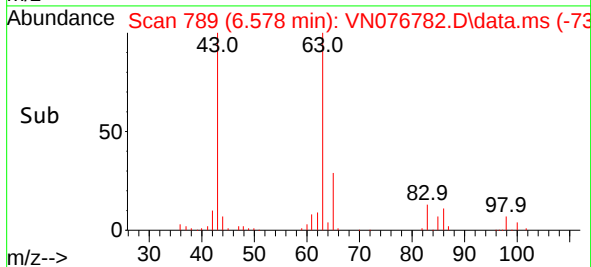
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

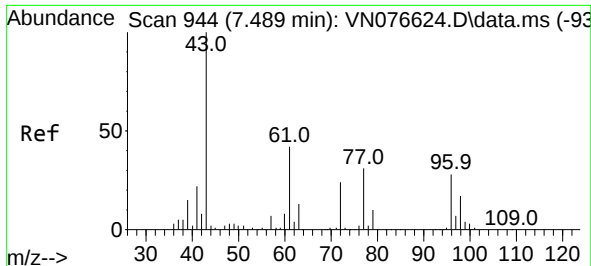


#24
 1,1-Dichloroethane
 Concen: 49.771 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076782.D
 Acq: 22 Feb 2023 19:40



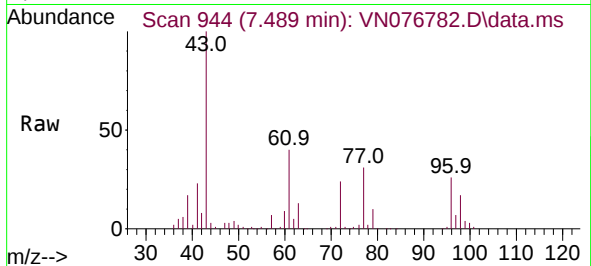
Tgt Ion: 63 Resp: 330008
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.1 12.3
 100 3.7 2.0 5.8





#25
2-Butanone
Concen: 254.314 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

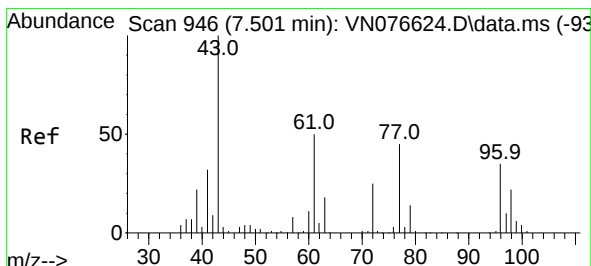
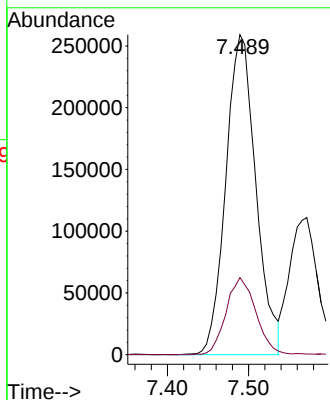
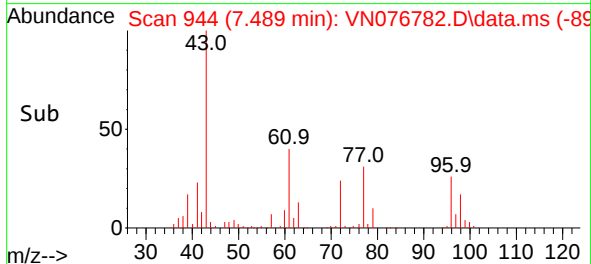
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



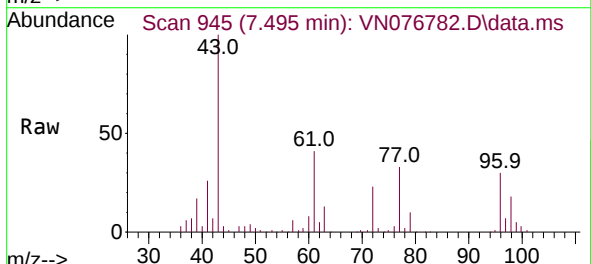
Tgt Ion: 43 Resp: 667339
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2

Manual Integrations
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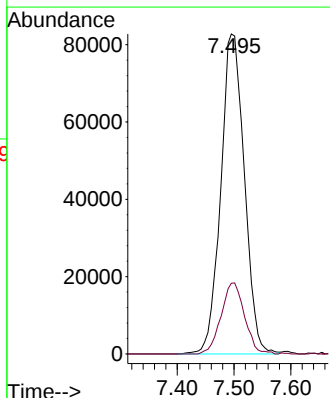
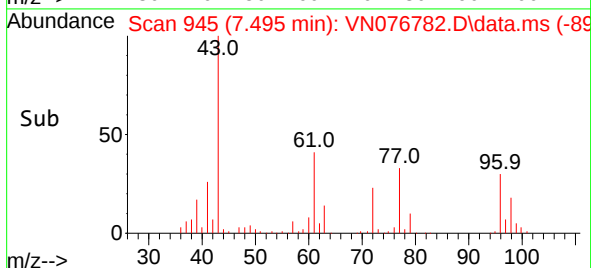
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

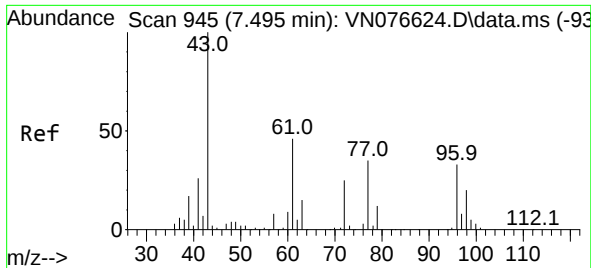


#26
2,2-Dichloropropane
Concen: 49.981 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



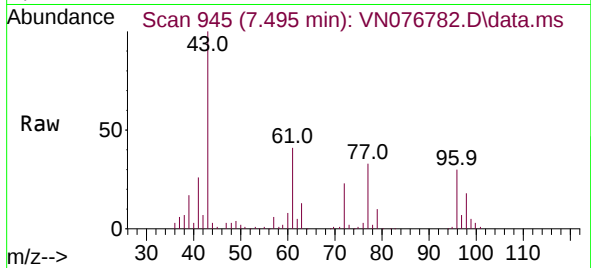
Tgt Ion: 77 Resp: 239035
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 47.740 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

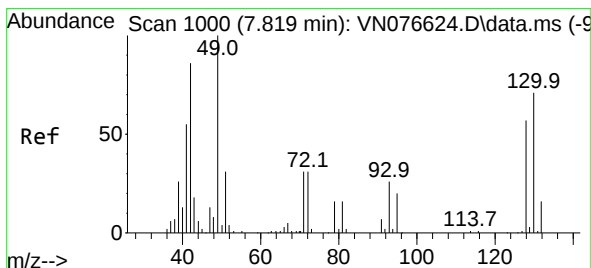
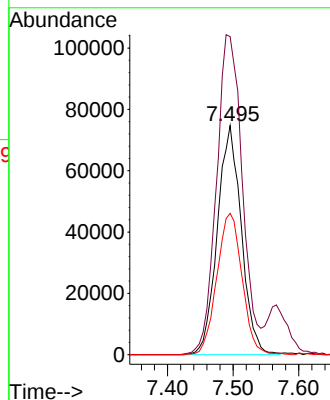
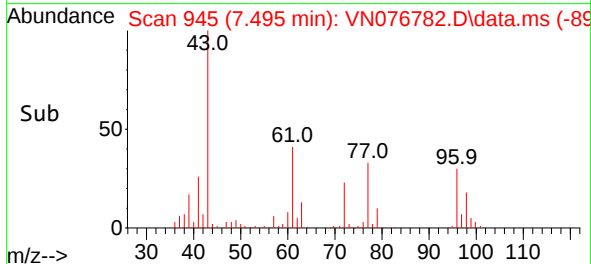
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 189745
Ion Ratio Lower Upper
96 100
61 150.4 0.0 286.8
98 64.8 0.0 124.0

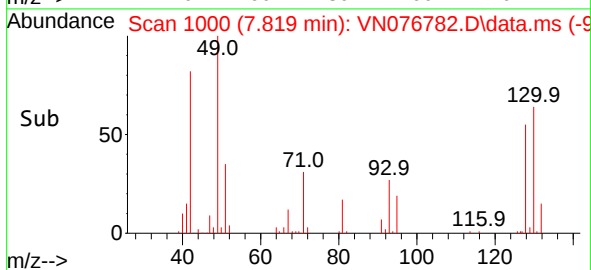
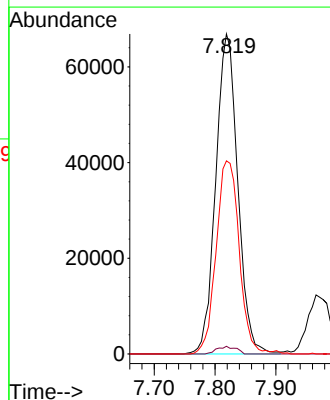
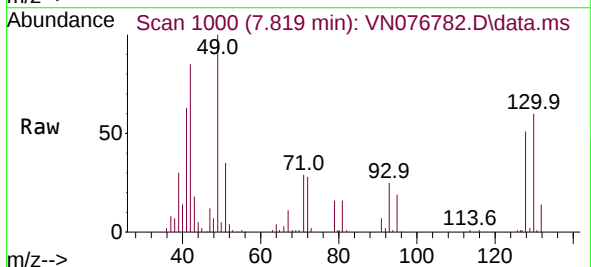
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#28
Bromochloromethane
Concen: 53.335 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion: 49 Resp: 168312
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 63.3 57.8 86.8





#29

Tetrahydrofuran

Concen: 269.852 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076782.D

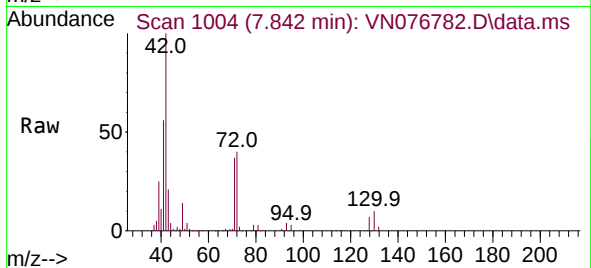
Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



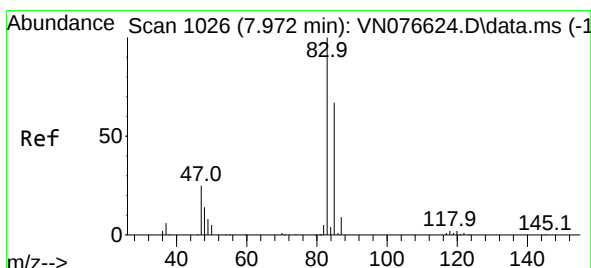
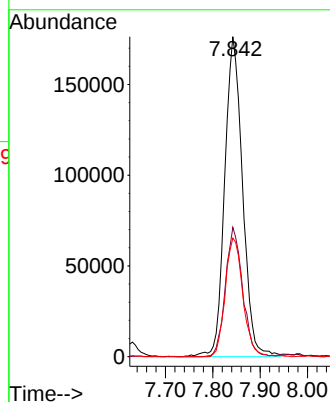
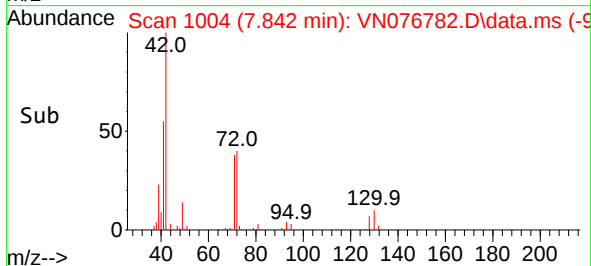
Tgt Ion:	42	Resp:	46264
Ion Ratio	100	Lower	Upper
42	100		
72	39.0	31.5	47.3
71	36.6	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 51.340 ug/l

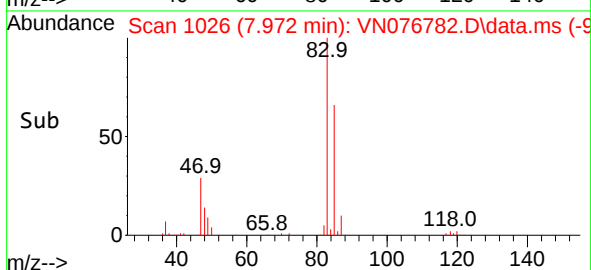
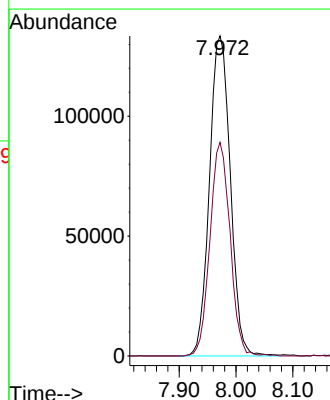
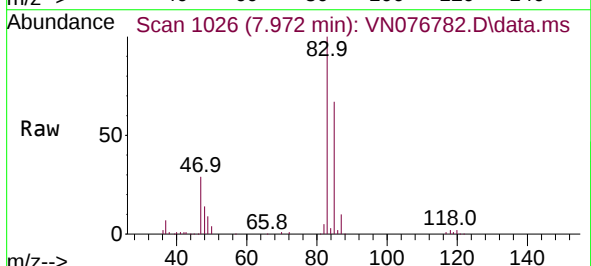
RT: 7.972 min Scan# 1026

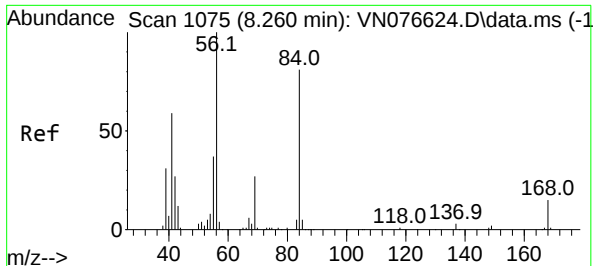
Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

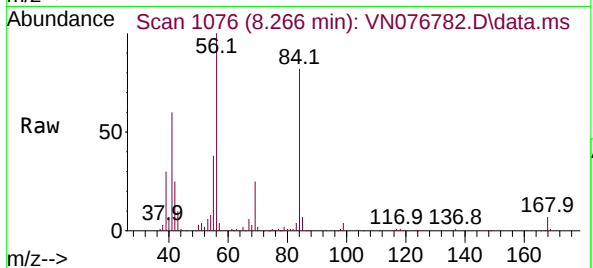
Tgt Ion:	83	Resp:	340113
Ion Ratio	100	Lower	Upper
83	100		
85	66.8	53.5	80.3





#31
Cyclohexane
Concen: 47.797 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

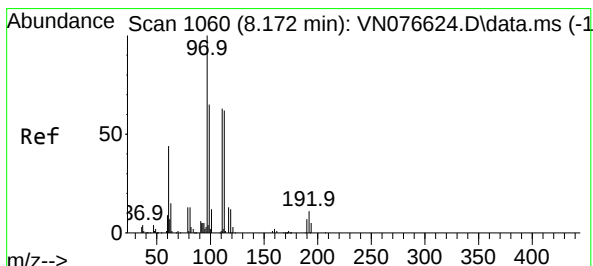
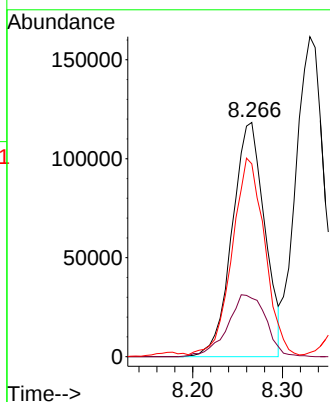
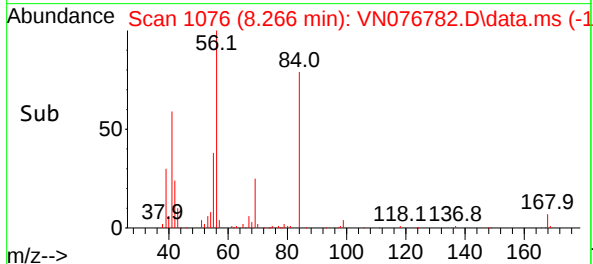
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



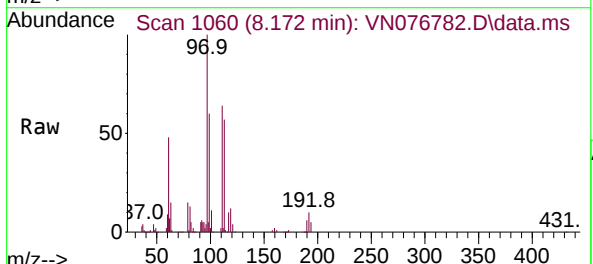
Tgt Ion: 56 Resp: 298597
Ion Ratio Lower Upper
56 100
69 24.9 21.6 32.4
84 81.1 65.1 97.7

Manual Integrations
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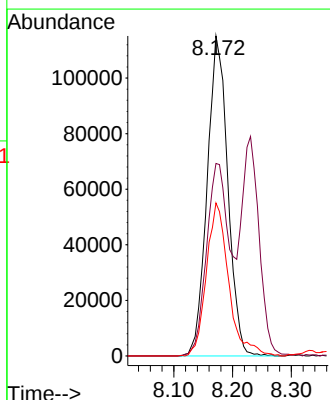
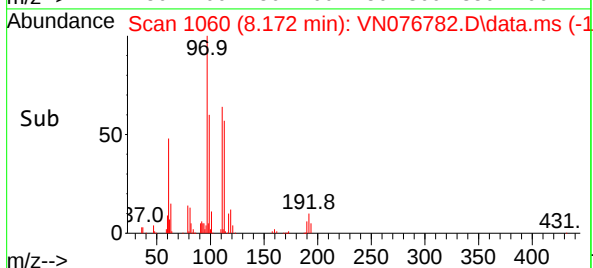
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

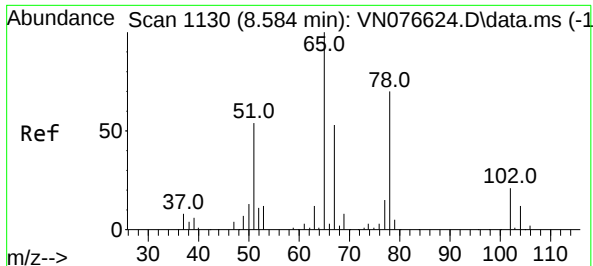


#32
1,1,1-Trichloroethane
Concen: 50.493 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 97 Resp: 281249
Ion Ratio Lower Upper
97 100
99 68.0 51.2 76.8
61 51.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 52.396 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 20866

Ion Ratio Lower Upper

65 100

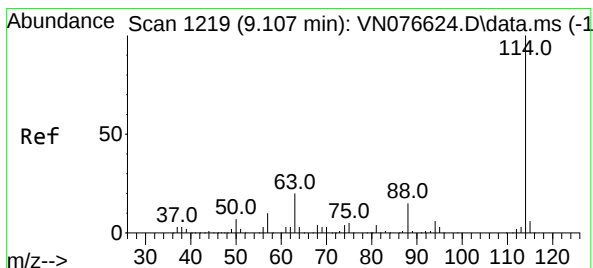
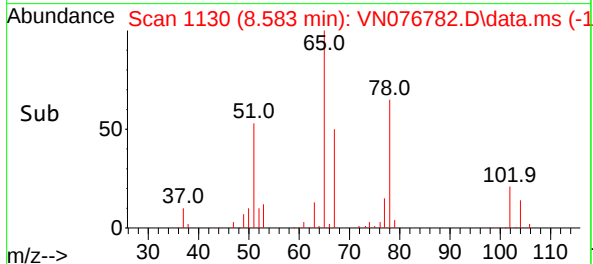
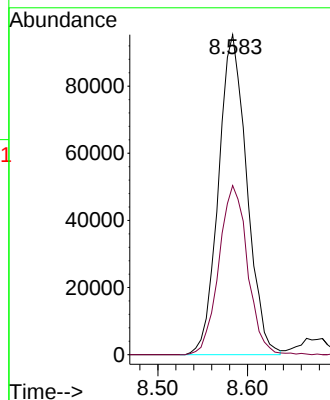
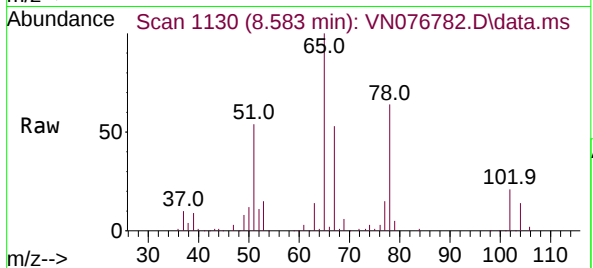
67 53.6 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

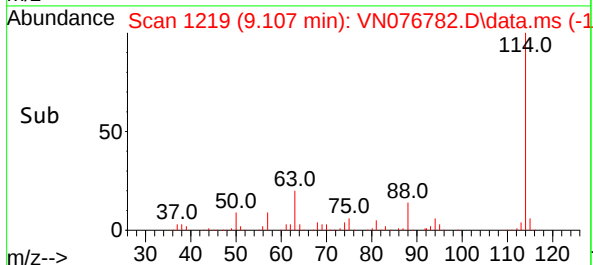
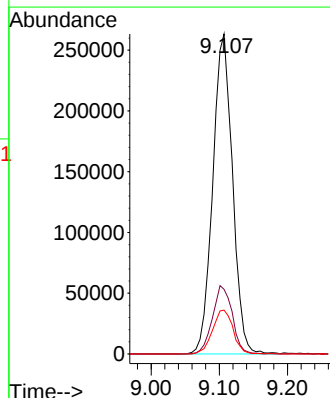
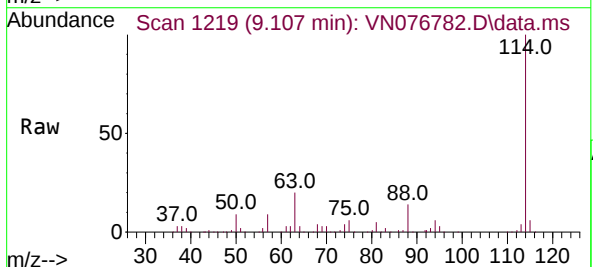
Tgt Ion:114 Resp: 531129

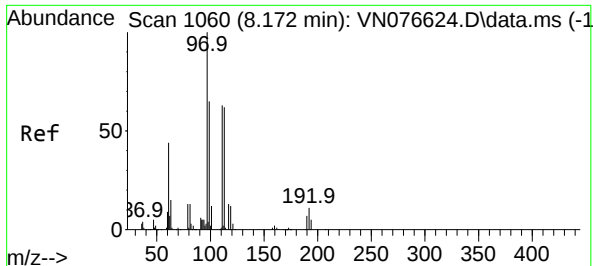
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

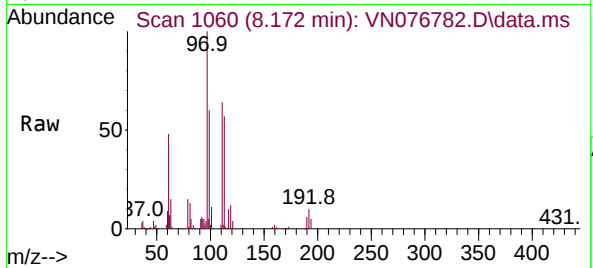
88 13.7 0.0 29.6





#35
Dibromofluoromethane
Concen: 46.606 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

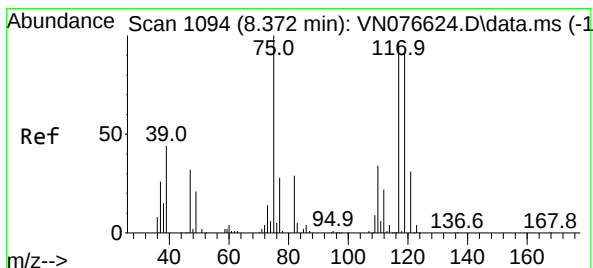
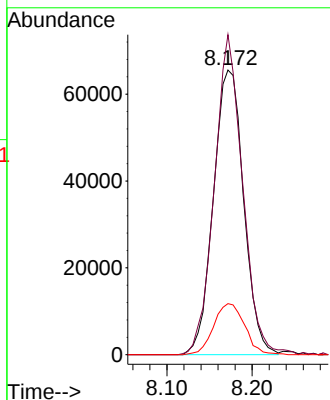
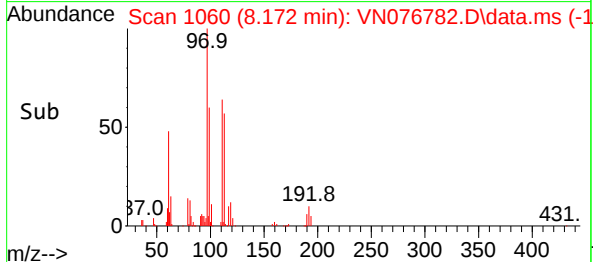
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 162108
Ion Ratio Lower Upper
113 100
111 104.6 83.1 124.7
192 18.4 15.6 23.4

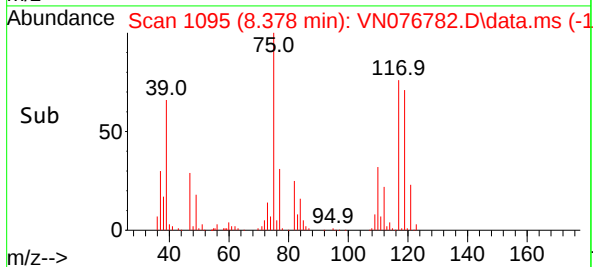
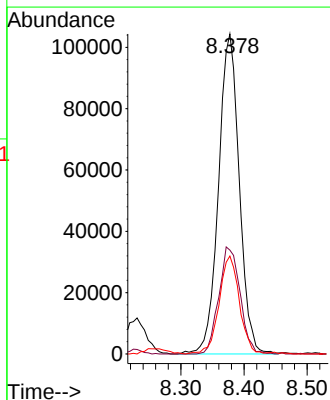
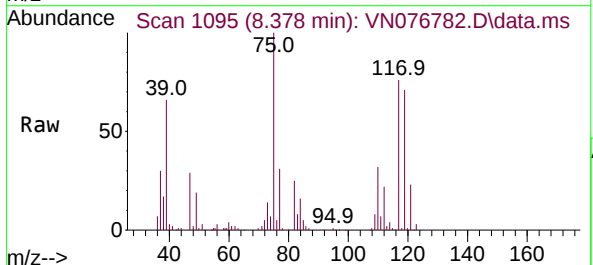
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
1,1-Dichloropropene
Concen: 47.480 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion: 75 Resp: 238609
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 29.9 24.5 36.7





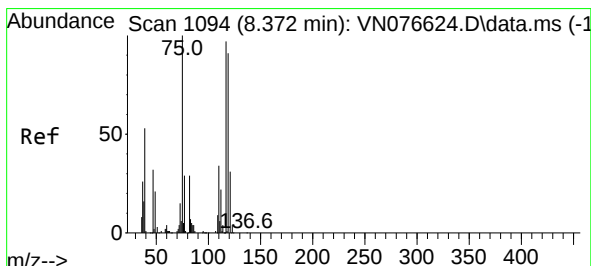
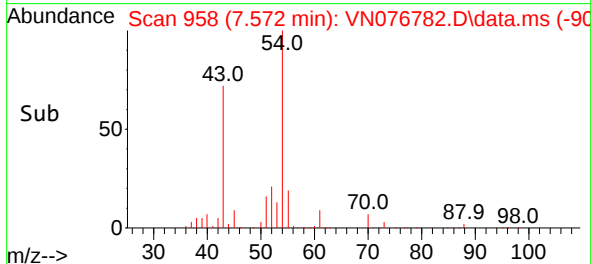
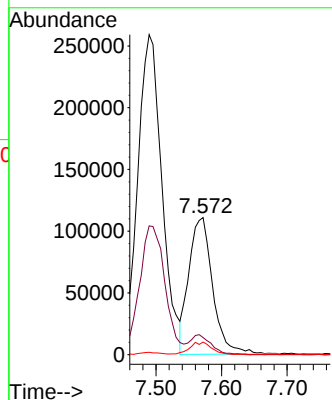
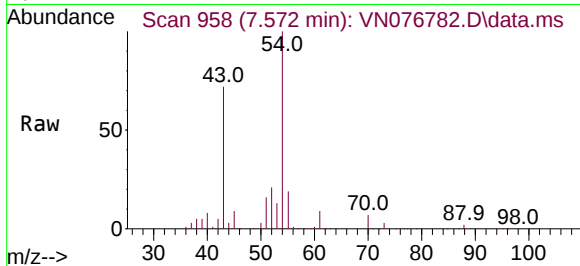
#37
Ethyl Acetate
Concen: 52.831 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 279340
Ion Ratio Lower Upper
43 100
61 13.2 9.9 14.9
70 8.6 7.8 11.6

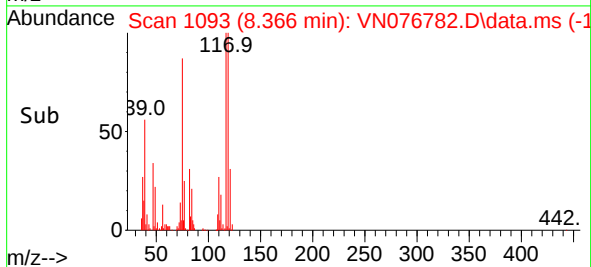
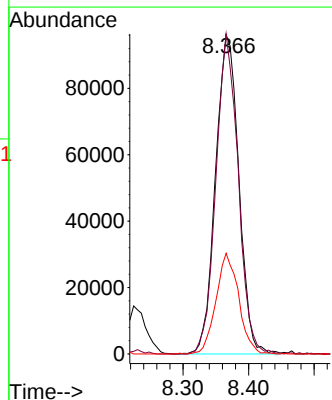
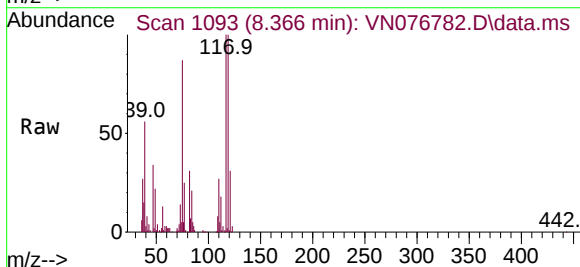
Manual Integrations
APPROVED

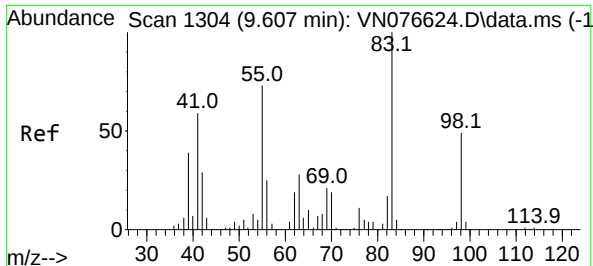
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Carbon Tetrachloride
Concen: 46.742 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion:117 Resp: 236966
Ion Ratio Lower Upper
117 100
119 100.2 75.4 113.0
121 31.5 26.0 39.0





#39

Methylcyclohexane

Concen: 50.715 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 289709

Ion Ratio Lower Upper

83 100

55 81.2 58.6 88.0

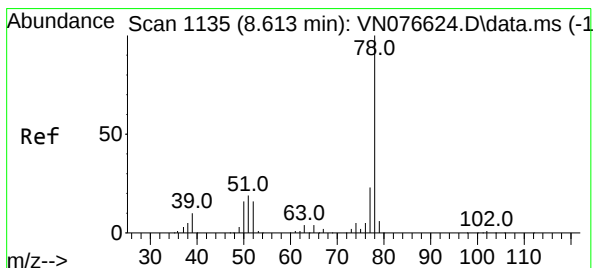
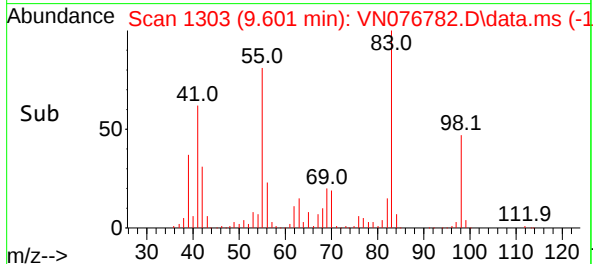
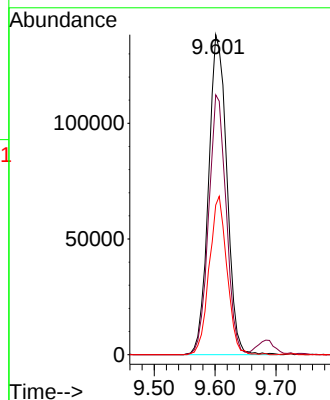
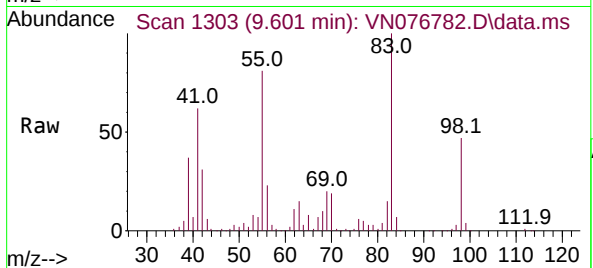
98 46.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 49.500 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076782.D

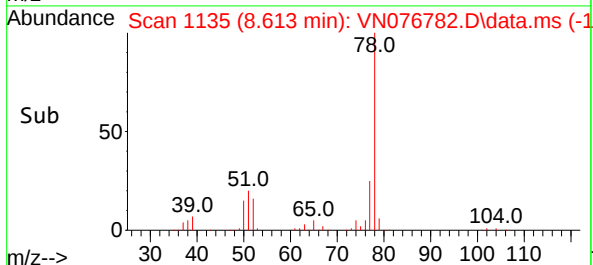
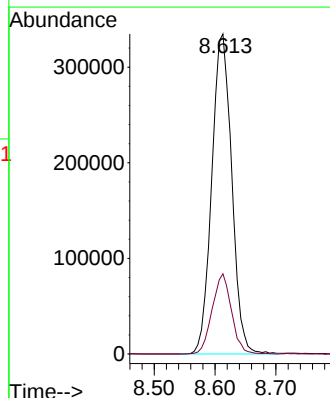
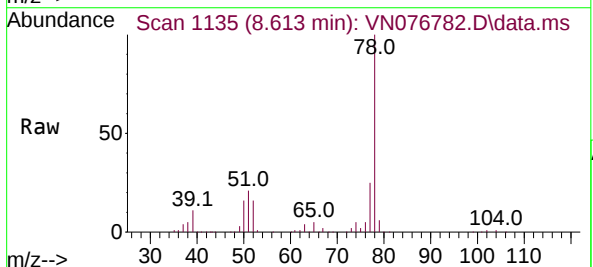
Acq: 22 Feb 2023 19:40

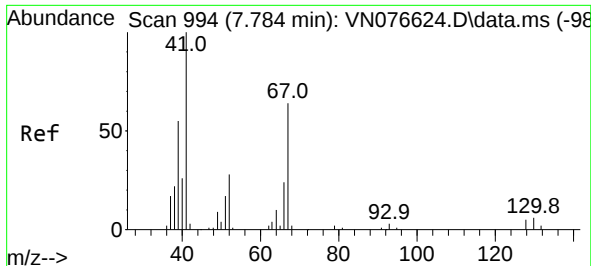
Tgt Ion: 78 Resp: 763939

Ion Ratio Lower Upper

78 100

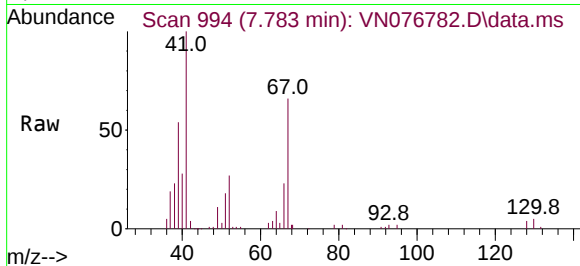
77 25.0 18.2 27.4





#41
Methacrylonitrile
Concen: 52.832 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

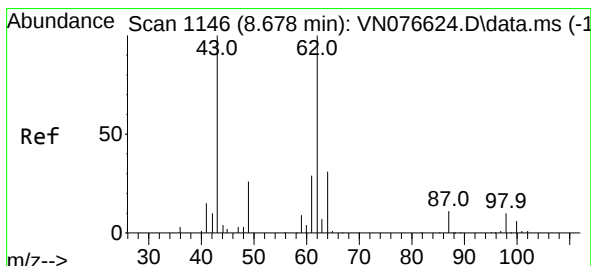
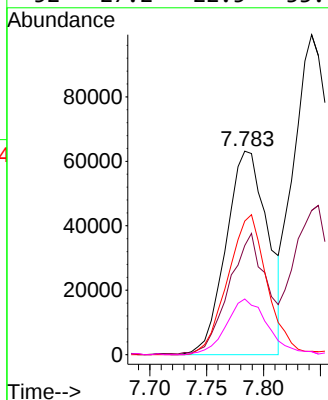
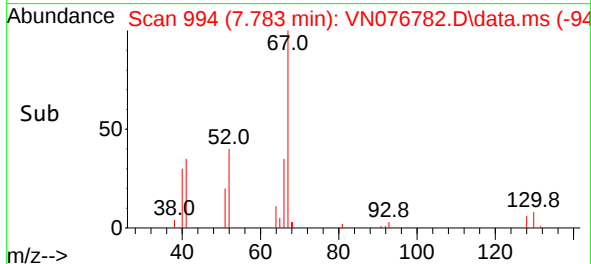
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



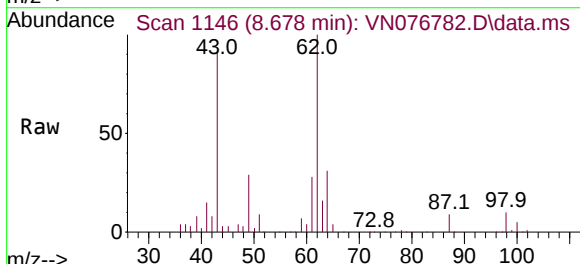
Tgt Ion: 41 Resp: 161832
Ion Ratio Lower Upper
41 100
39 54.8 42.6 63.8
67 65.3 51.4 77.0
52 27.2 22.5 33.7

Manual Integrations
APPROVED

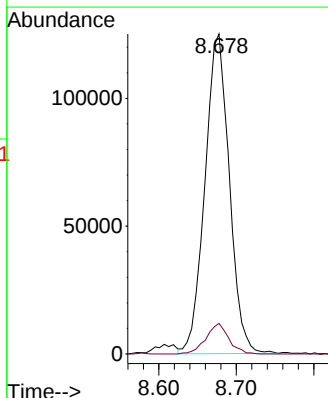
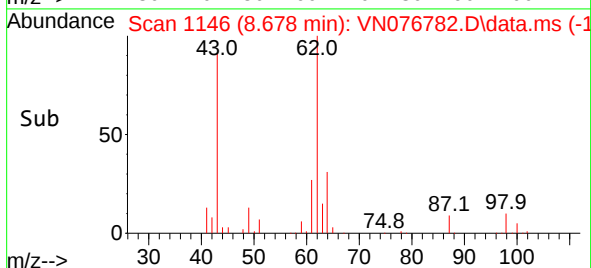
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

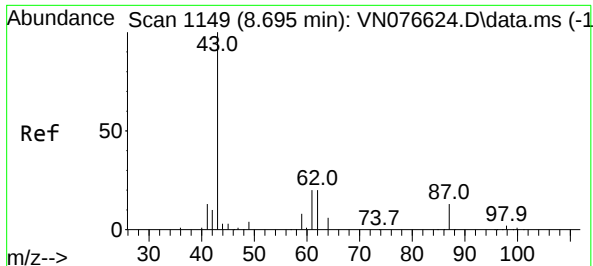


#42
1,2-Dichloroethane
Concen: 50.806 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



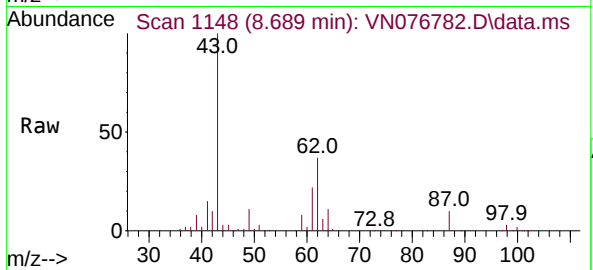
Tgt Ion: 62 Resp: 273468
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.2





#43
Isopropyl Acetate
Concen: 52.720 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

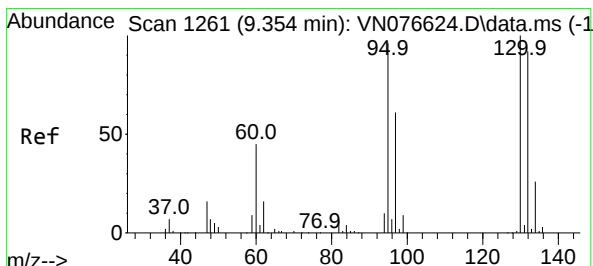
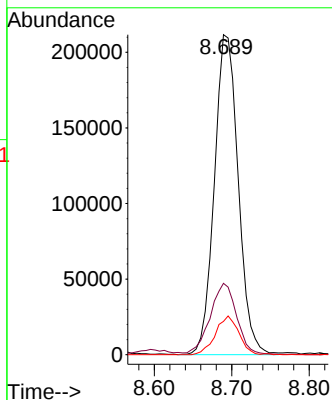
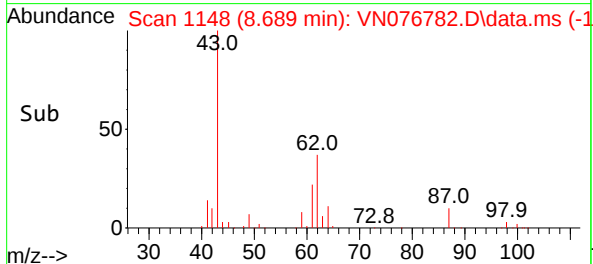
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 453598
Ion Ratio Lower Upper
43 100
61 24.7 20.0 30.0
87 11.9 9.9 14.9

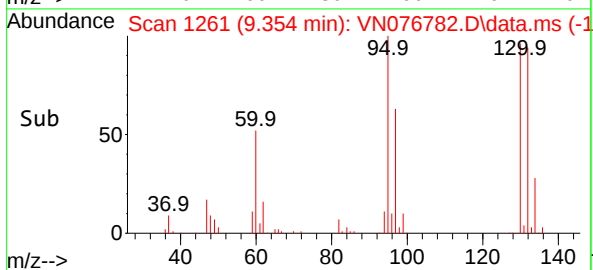
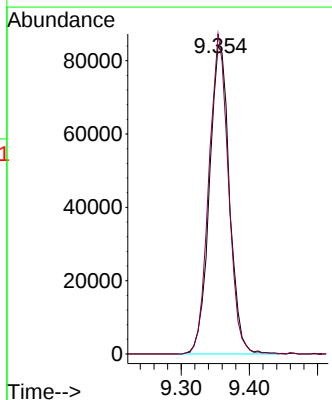
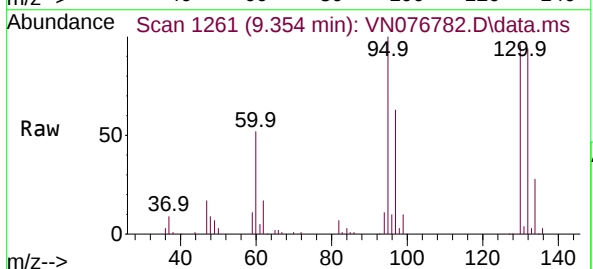
Manual Integrations
APPROVED

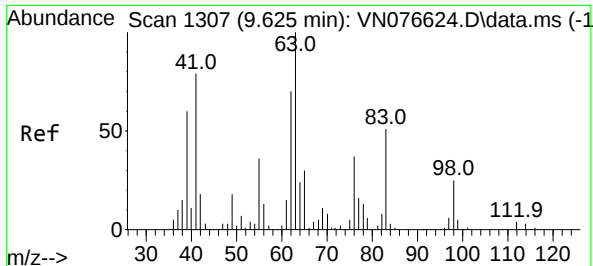
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
Trichloroethene
Concen: 47.310 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion:130 Resp: 172540
Ion Ratio Lower Upper
130 100
95 103.9 0.0 191.4





#45

1,2-Dichloropropane

Concen: 49.543 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 202404

Ion Ratio Lower Upper

63 100

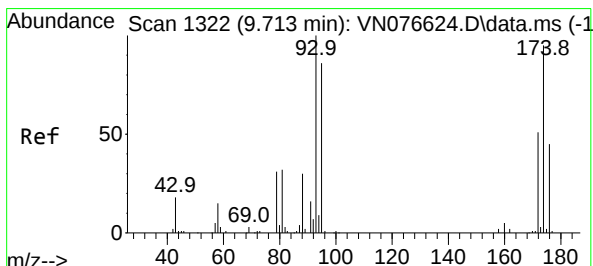
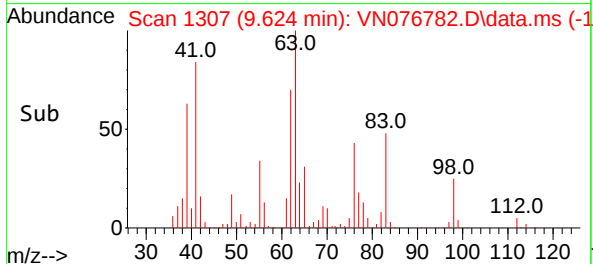
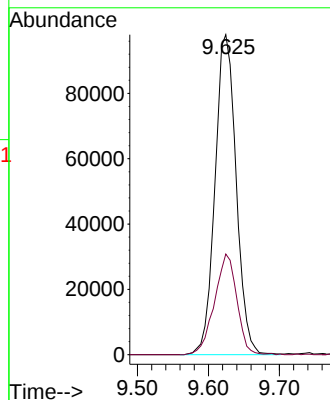
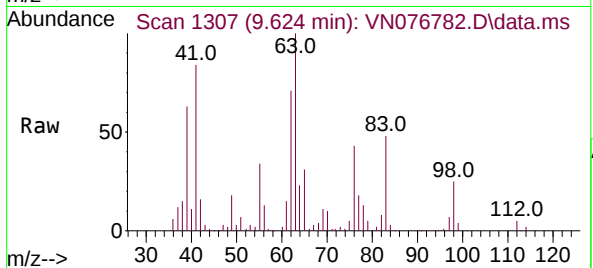
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 49.473 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

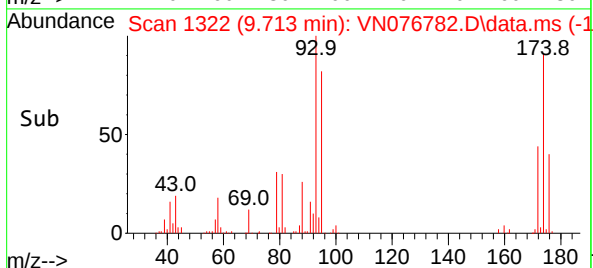
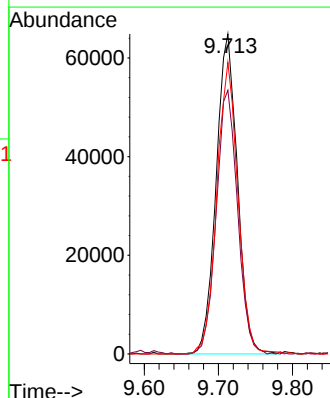
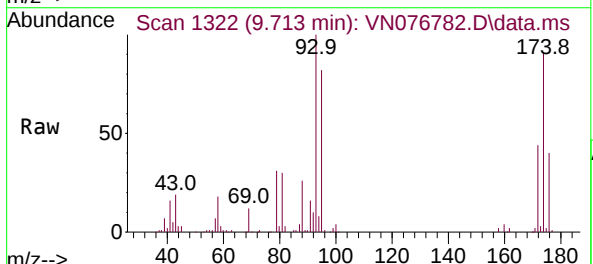
Tgt Ion: 93 Resp: 129215

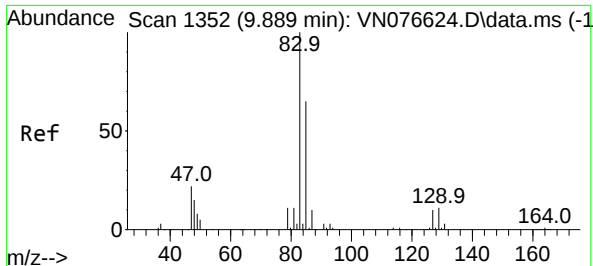
Ion Ratio Lower Upper

93 100

95 82.6 66.0 99.0

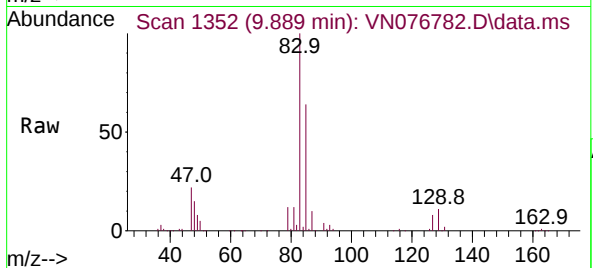
174 90.6 75.8 113.8





#47
Bromodichloromethane
Concen: 52.414 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

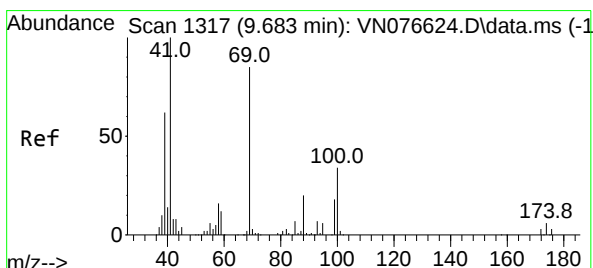
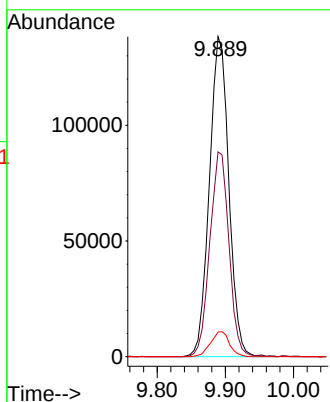
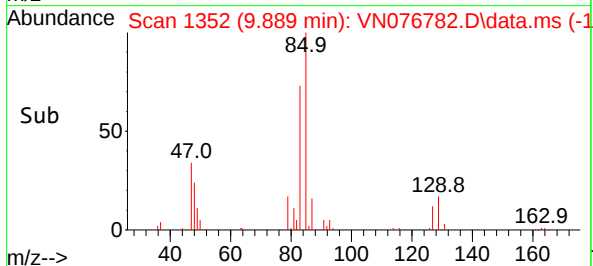
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 274464
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6
127 7.7 7.9 11.9

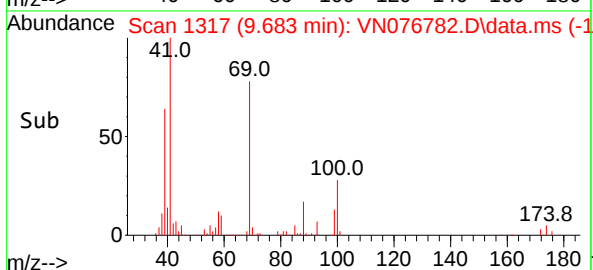
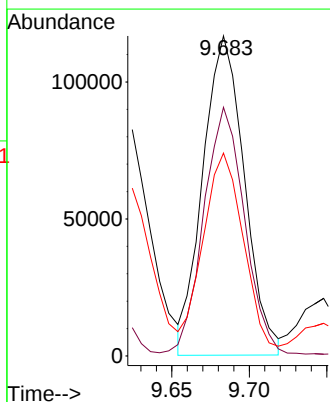
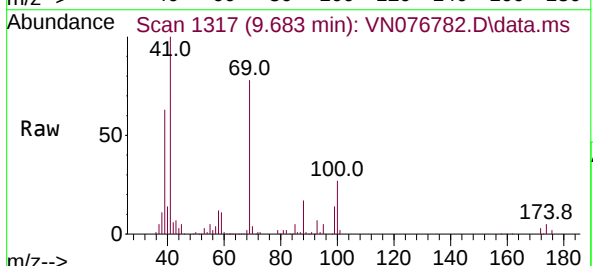
Manual Integrations
APPROVED

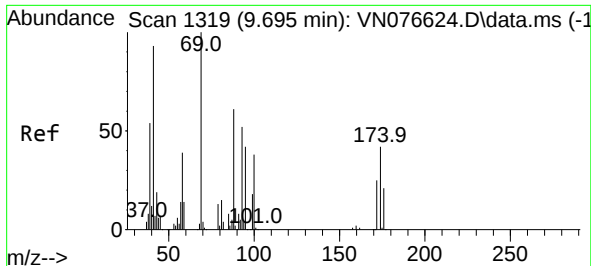
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#48
Methyl methacrylate
Concen: 53.161 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion: 41 Resp: 217045
Ion Ratio Lower Upper
41 100
69 77.7 65.4 98.0
39 62.7 49.3 73.9





#49

1,4-Dioxane

Concen: 1015.333 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

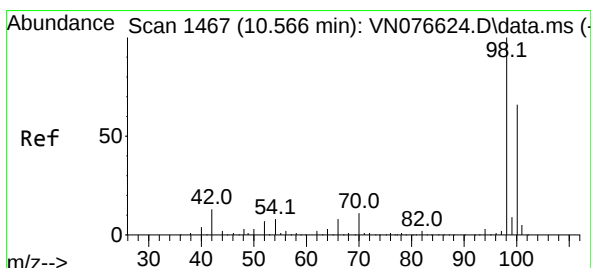
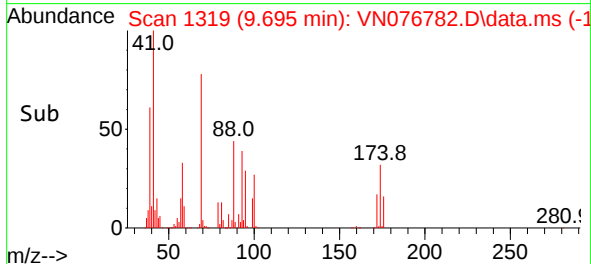
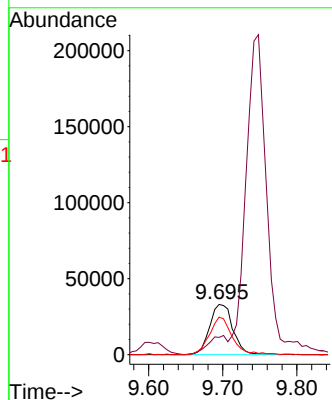
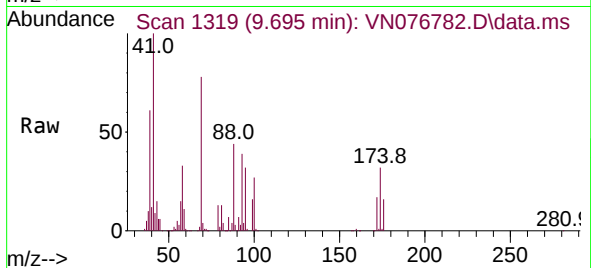
Tgt Ion: 88 Resp: 71708
 Ion Ratio Lower Upper
 88 100
 43 32.0 22.6 33.8
 58 74.0 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

Toluene-d8

Concen: 51.946 ug/l

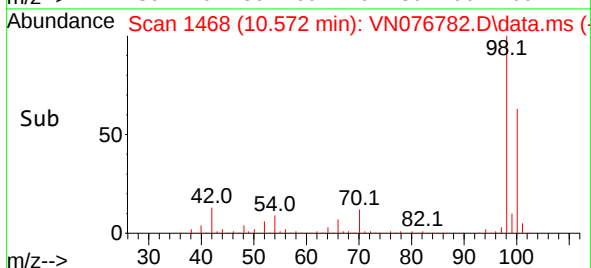
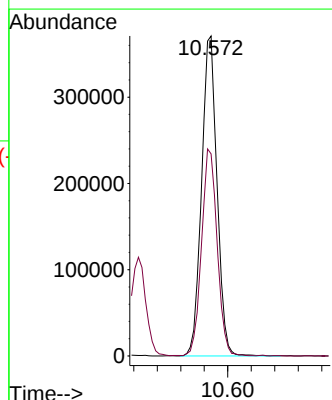
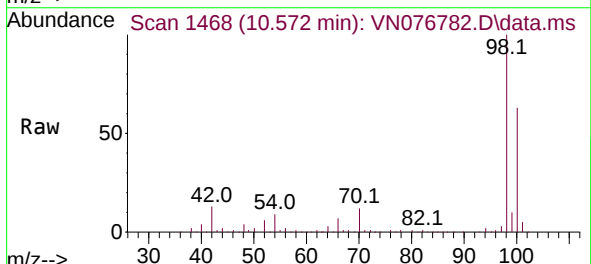
RT: 10.572 min Scan# 1468

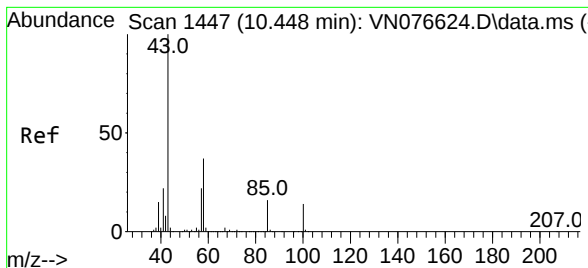
Delta R.T. 0.005 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

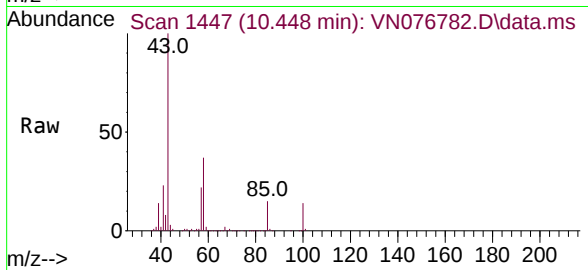
Tgt Ion: 98 Resp: 674771
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 274.300 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

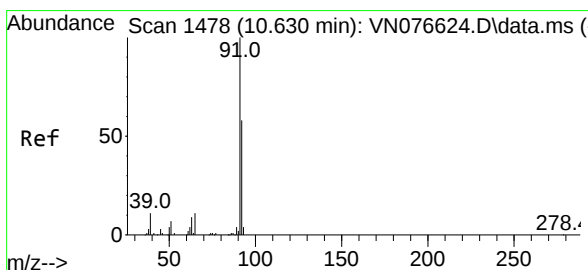
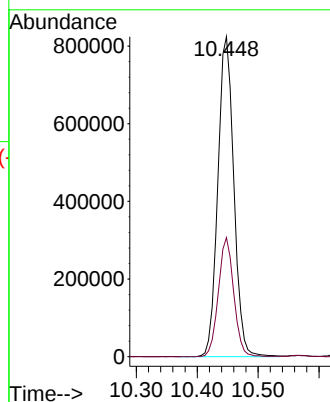
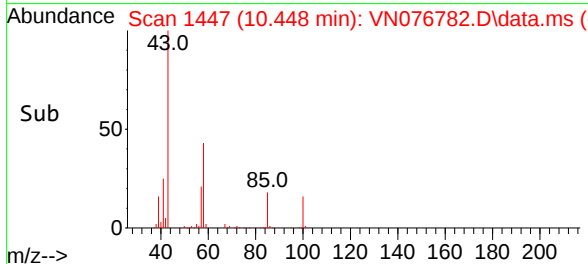
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



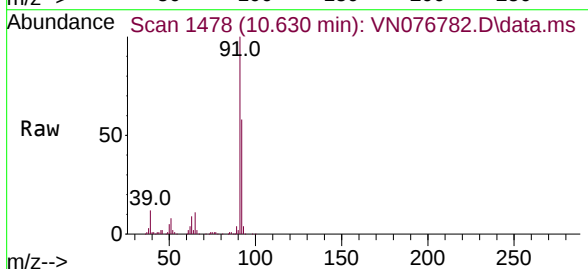
Tgt Ion: 43 Resp: 1501594
Ion Ratio Lower Upper
43 100
58 35.8 29.5 44.3

Manual Integrations
APPROVED

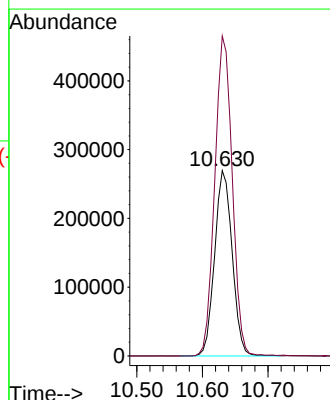
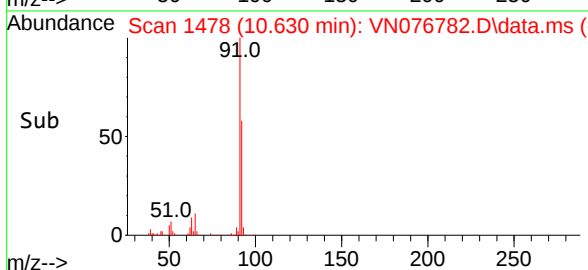
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

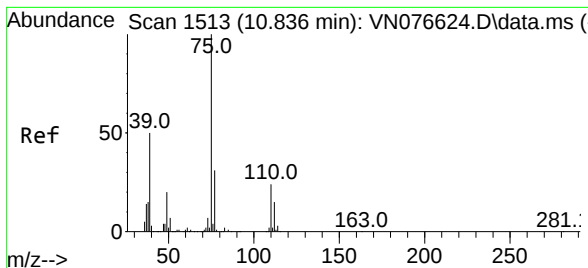


#52
Toluene
Concen: 53.701 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



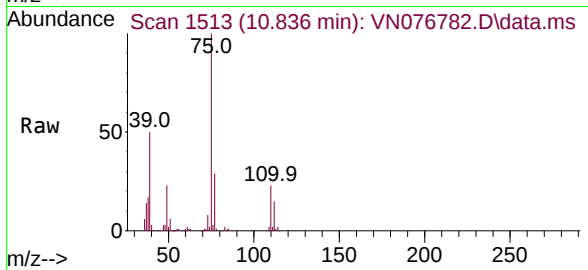
Tgt Ion: 92 Resp: 500365
Ion Ratio Lower Upper
92 100
91 172.1 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 56.685 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

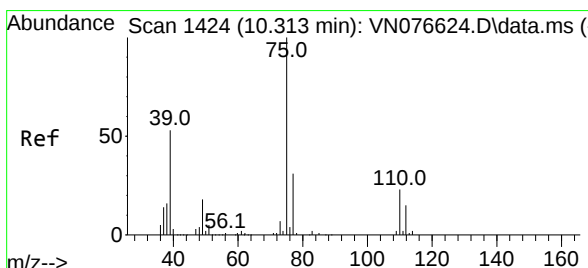
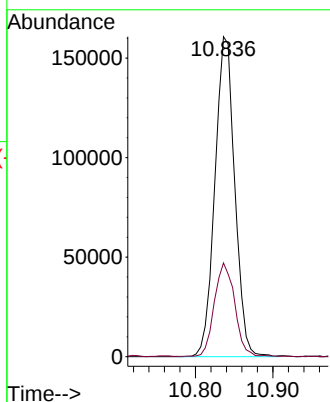
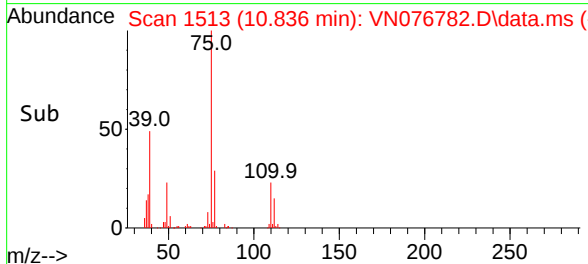
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



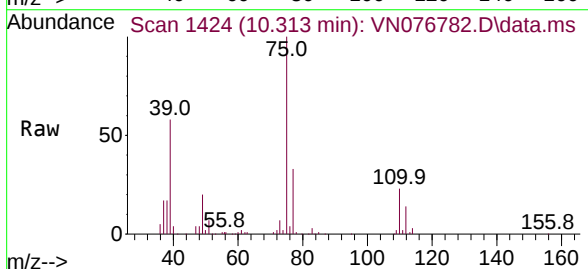
Tgt Ion: 75 Resp: 28649
Ion Ratio Lower Upper
75 100
77 29.2 24.6 37.0

Manual Integrations
APPROVED

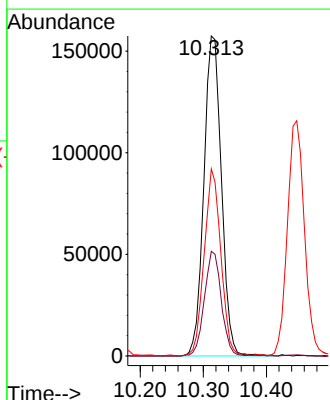
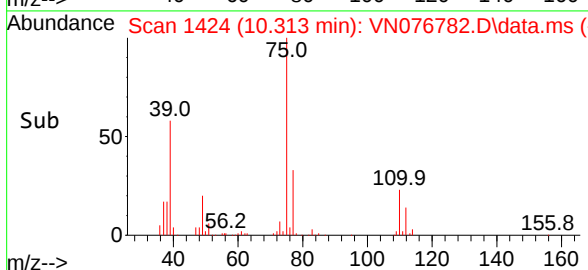
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

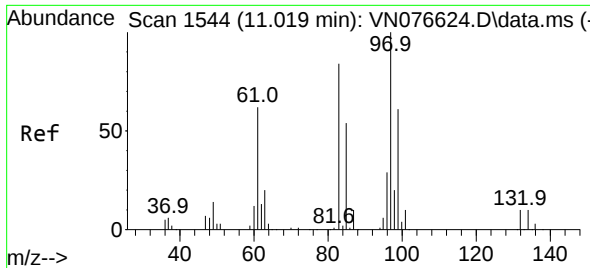


#54
cis-1,3-Dichloropropene
Concen: 52.187 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



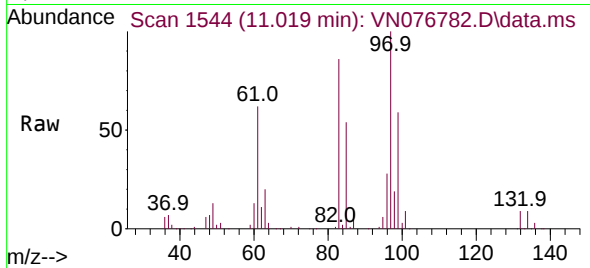
Tgt Ion: 75 Resp: 304247
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
39 58.5 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 51.369 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

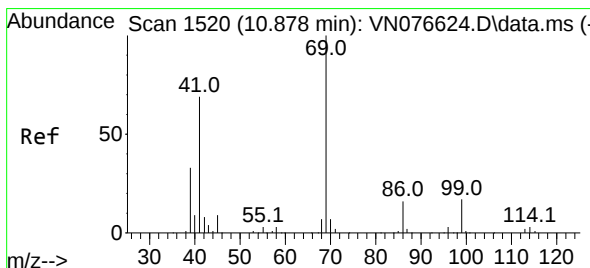
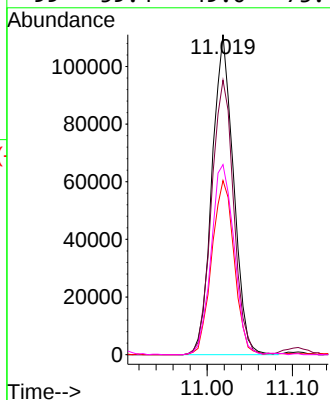
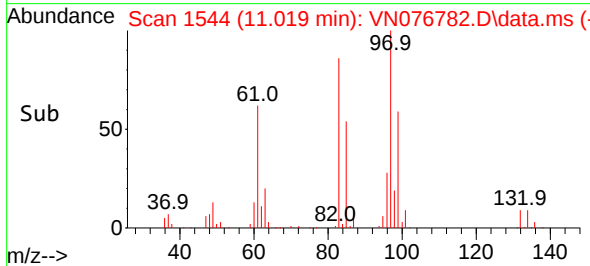
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



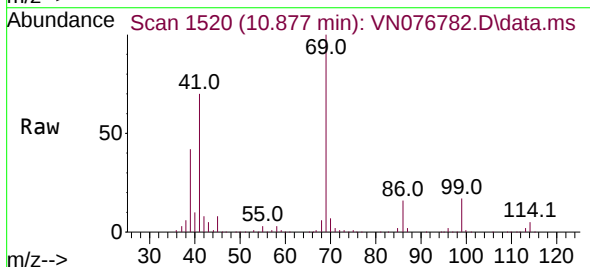
Tgt Ion: 97 Resp: 194620
Ion Ratio Lower Upper
97 100
83 85.8 67.3 100.9
85 54.4 43.2 64.8
99 59.4 49.0 73.4

Manual Integrations
APPROVED

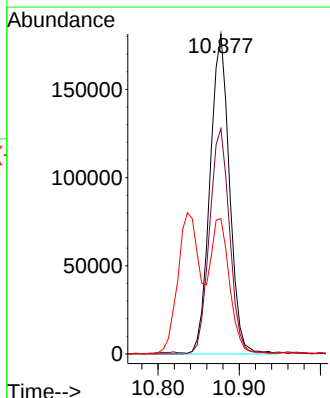
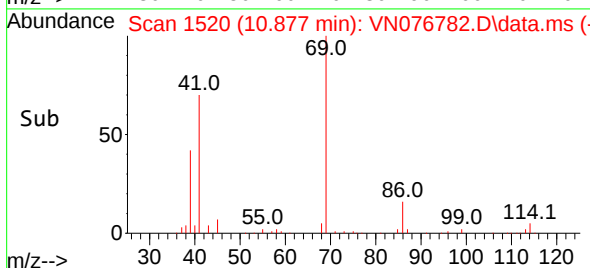
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
Ethyl methacrylate
Concen: 56.633 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 69 Resp: 302025
Ion Ratio Lower Upper
69 100
41 72.1 55.1 82.7
39 39.3 30.7 46.1





#57

1,3-Dichloropropane

Concen: 52.840 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 343954

Ion Ratio Lower Upper

76 100

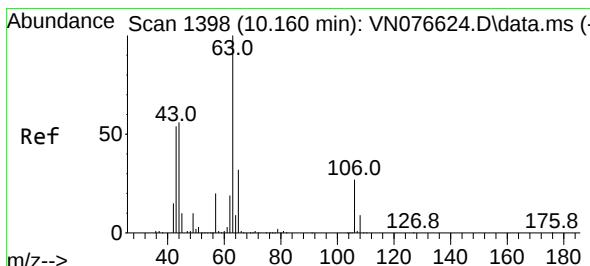
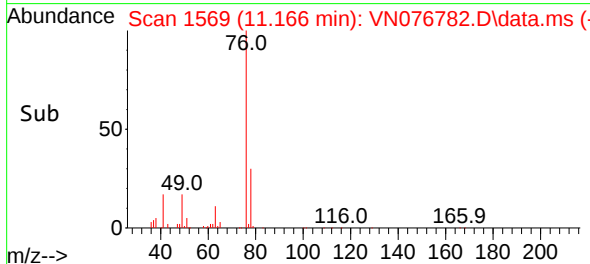
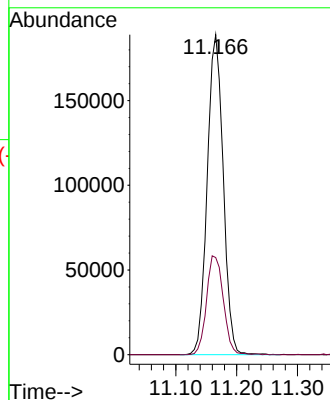
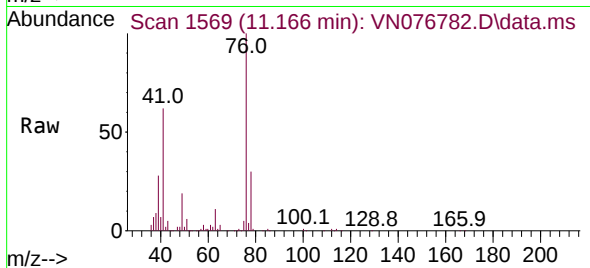
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 257.721 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076782.D

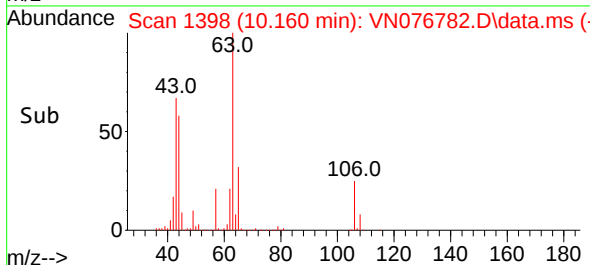
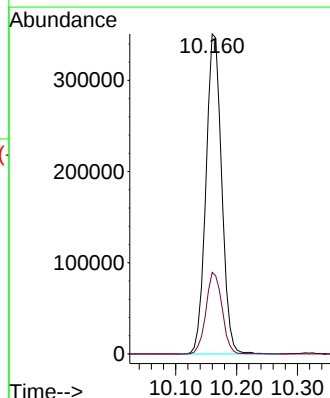
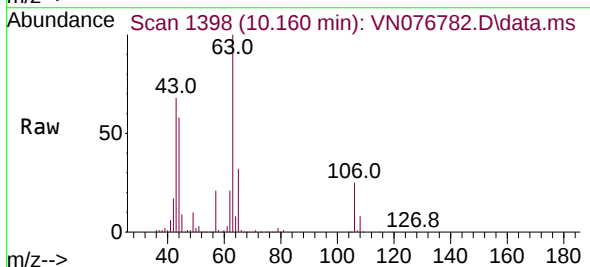
Acq: 22 Feb 2023 19:40

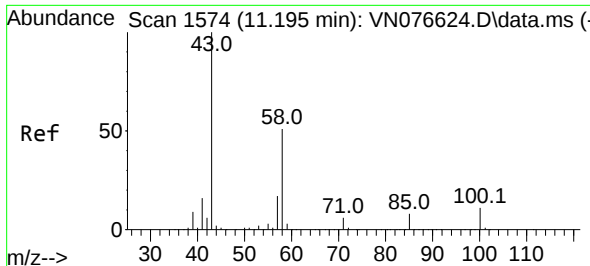
Tgt Ion: 63 Resp: 629460

Ion Ratio Lower Upper

63 100

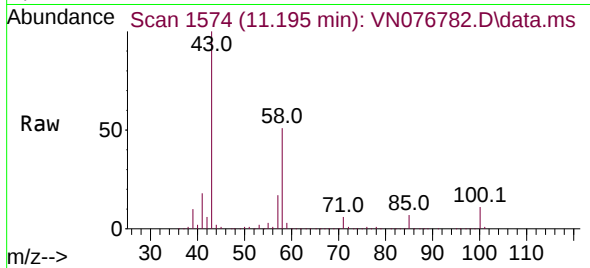
106 26.1 22.3 33.5





#59
2-Hexanone
Concen: 273.581 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

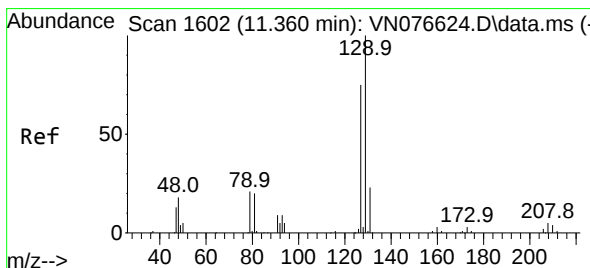
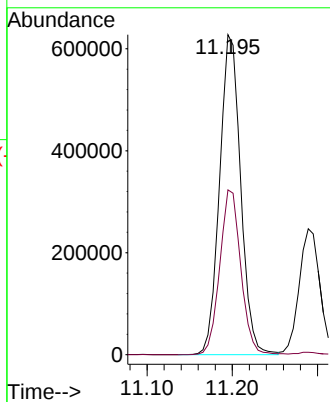
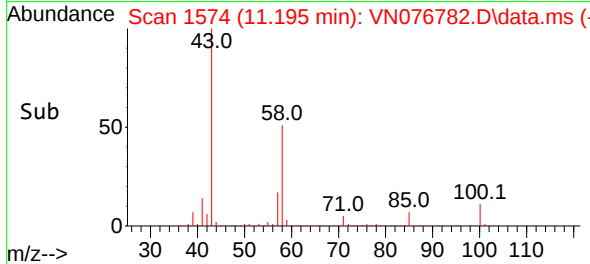
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



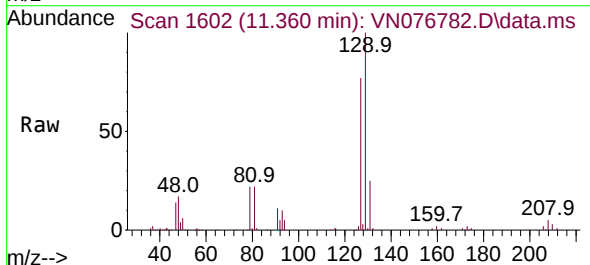
Tgt Ion: 43 Resp: 1079864
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.0

Manual Integrations
APPROVED

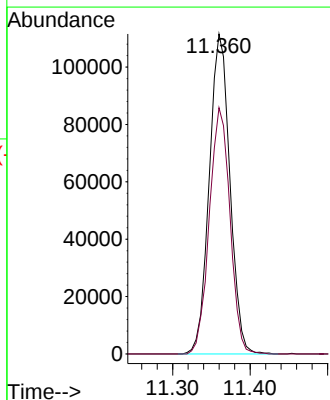
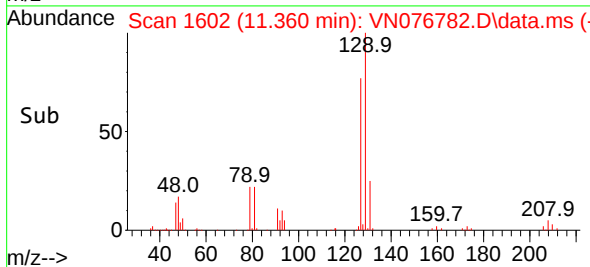
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

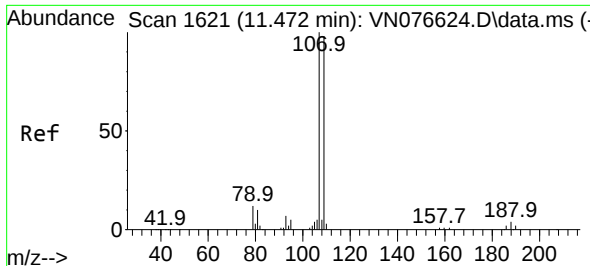


#60
Dibromochloromethane
Concen: 51.642 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



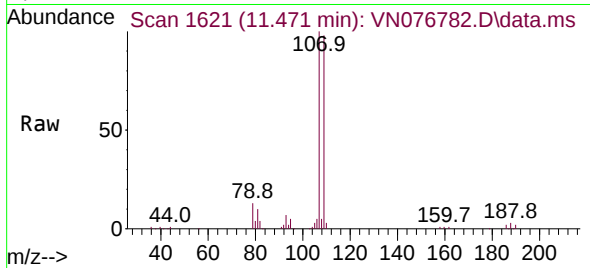
Tgt Ion:129 Resp: 206211
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.205 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

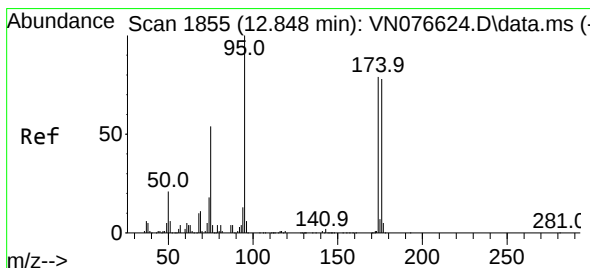
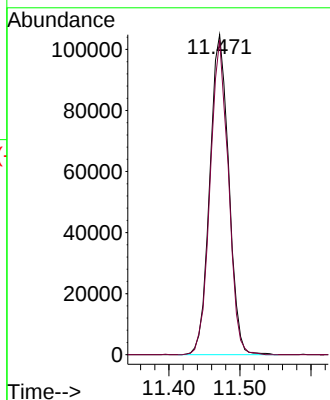
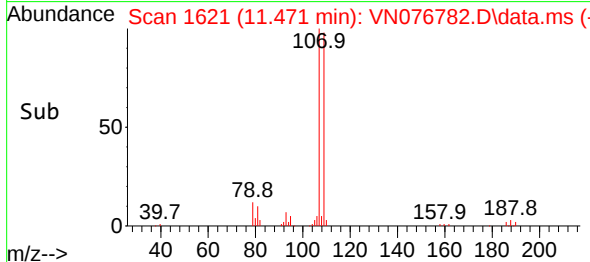
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 194190
Ion Ratio Lower Upper
107 100
109 94.3 76.8 115.2

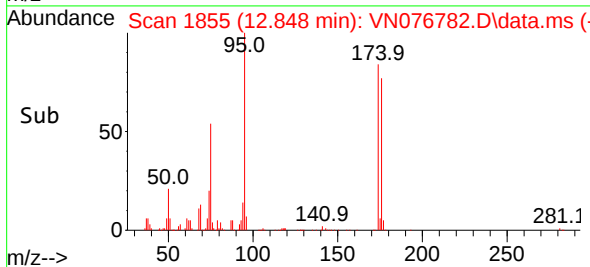
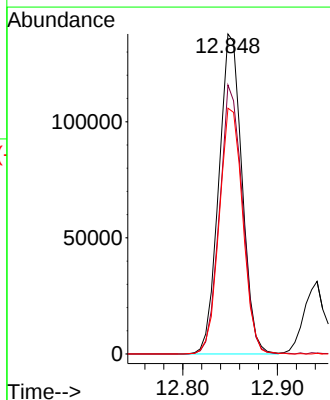
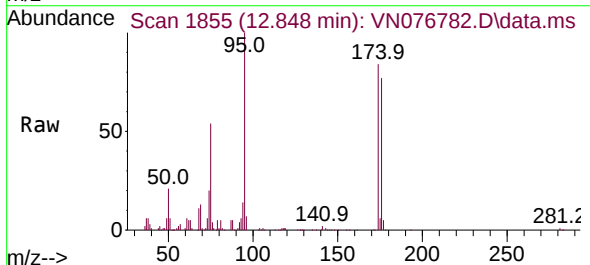
Manual Integrations
APPROVED

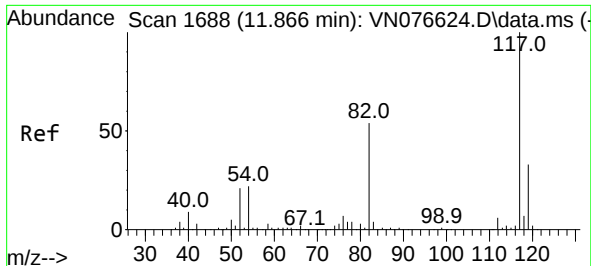
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62
4-Bromofluorobenzene
Concen: 54.556 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

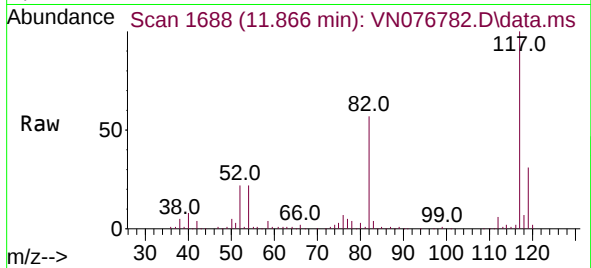
Tgt Ion: 95 Resp: 234713
Ion Ratio Lower Upper
95 100
174 82.4 0.0 169.2
176 77.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

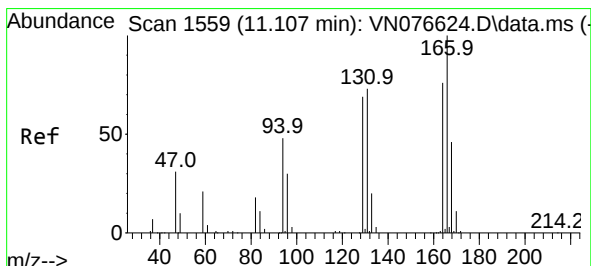
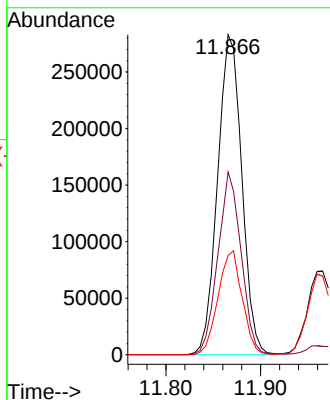
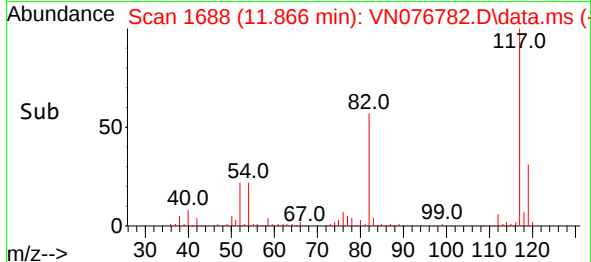
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 50286
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.2
119 31.0 26.1 39.1

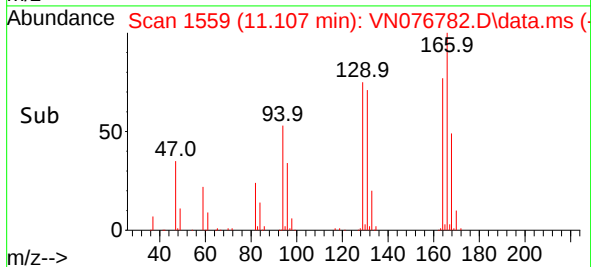
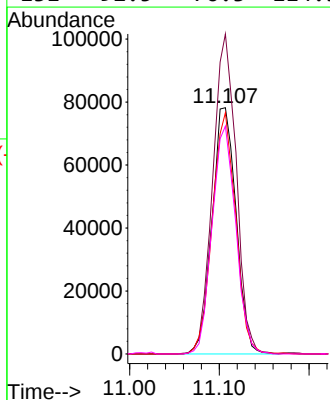
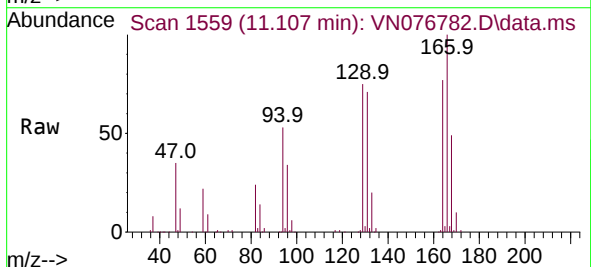
Manual Integrations
APPROVED

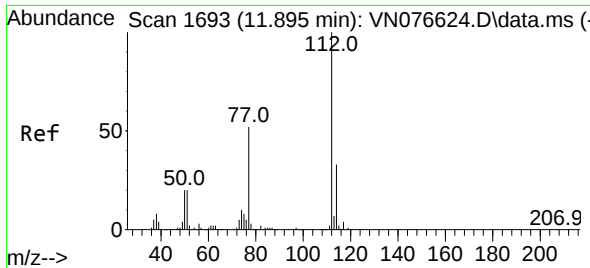
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 46.085 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

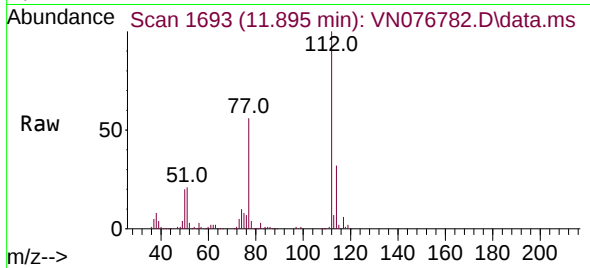
Tgt Ion:164 Resp: 146044
Ion Ratio Lower Upper
164 100
166 129.9 104.8 157.2
129 97.9 72.2 108.2
131 92.5 76.3 114.5





#65
Chlorobenzene
Concen: 49.983 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

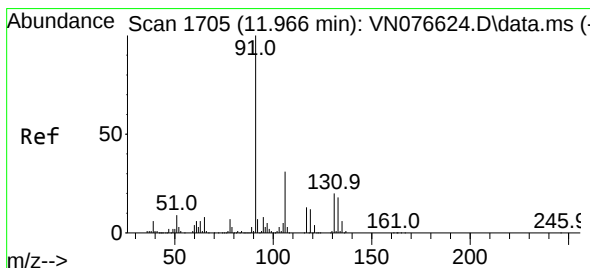
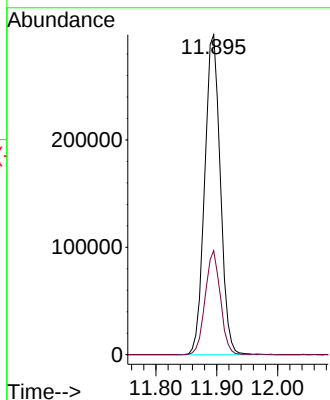
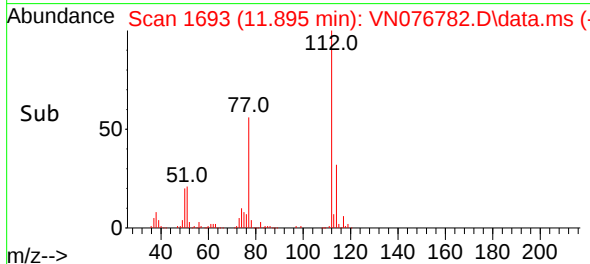
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



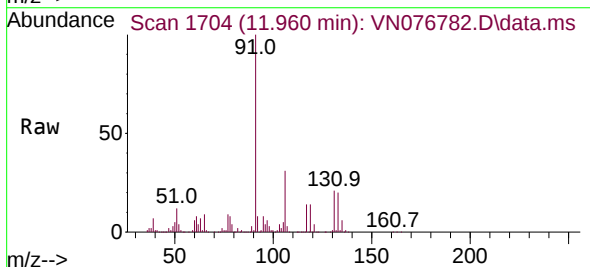
Tgt Ion:112 Resp: 53266
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6

Manual Integrations
APPROVED

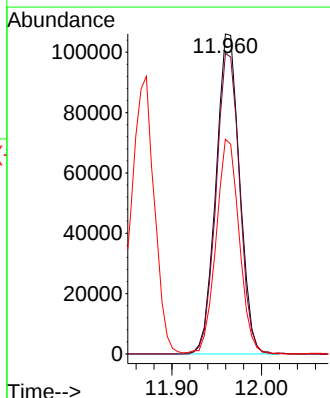
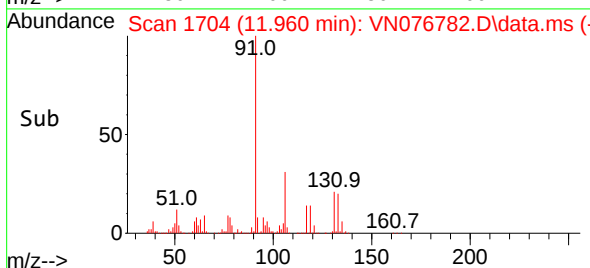
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

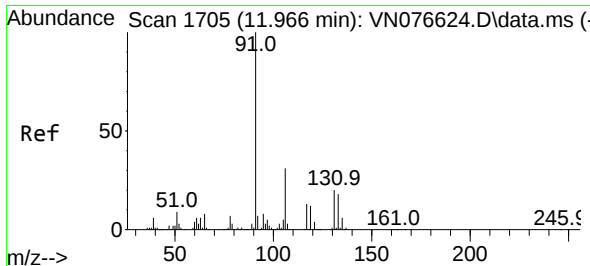


#66
1,1,1,2-Tetrachloroethane
Concen: 49.989 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion:131 Resp: 193501
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.0
119 66.0 32.3 96.8





#67

Ethyl Benzene

Concen: 53.094 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 963974

Ion Ratio Lower Upper

91 100

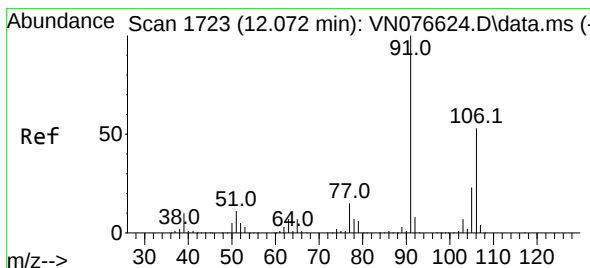
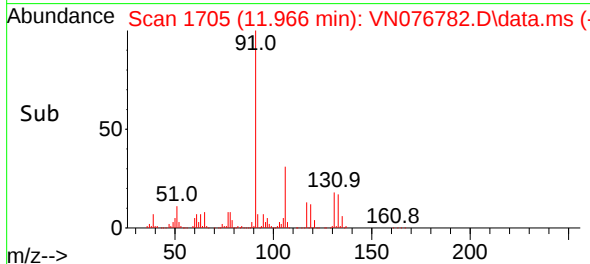
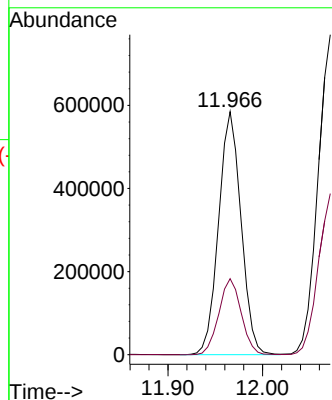
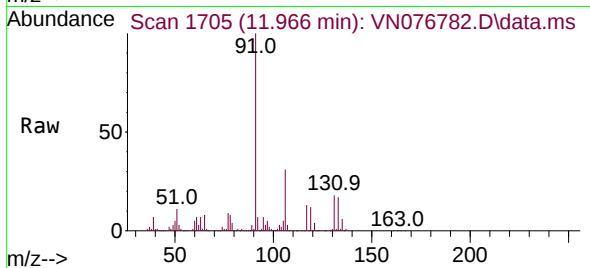
106 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#68

m/p-Xylenes

Concen: 107.131 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.001 min

Lab File: VN076782.D

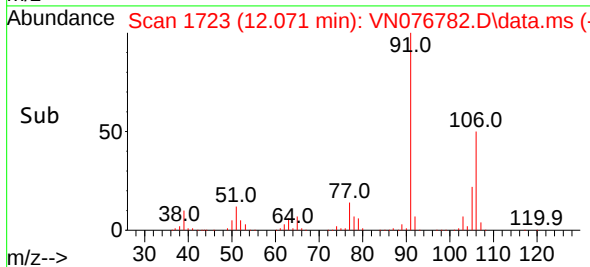
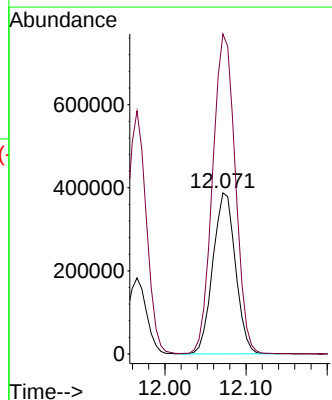
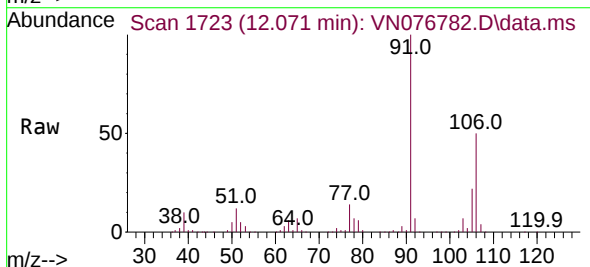
Acq: 22 Feb 2023 19:40

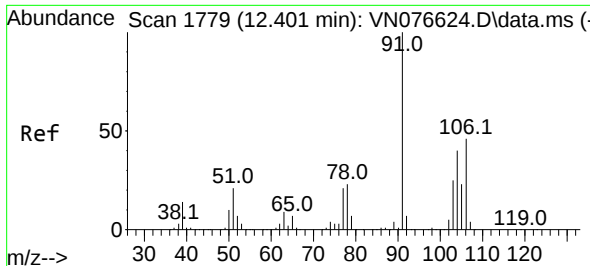
Tgt Ion:106 Resp: 749736

Ion Ratio Lower Upper

106 100

91 200.0 154.7 232.1





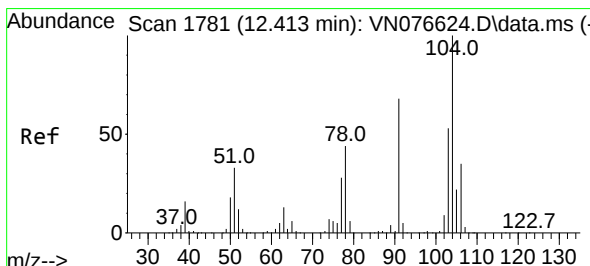
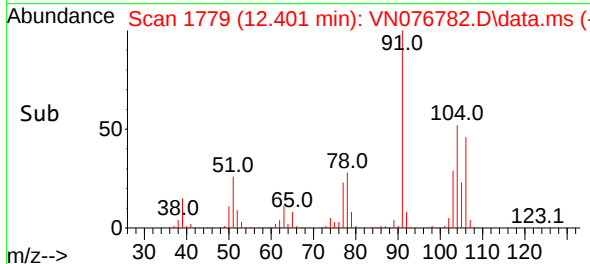
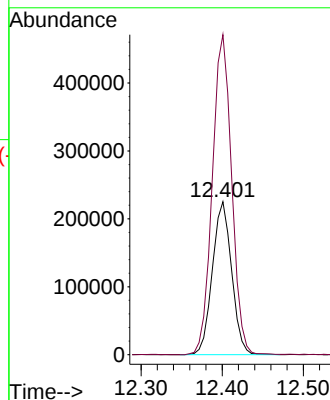
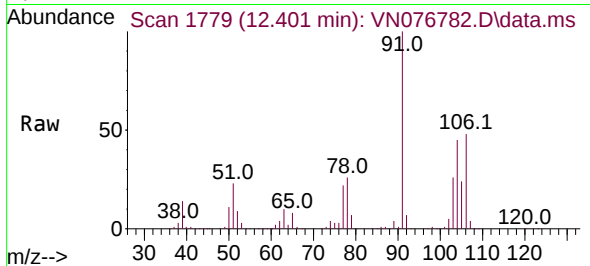
#69
o-Xylene
Concen: 54.359 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 37102
Ion Ratio Lower Upper
106 100
91 210.3 105.8 317.4

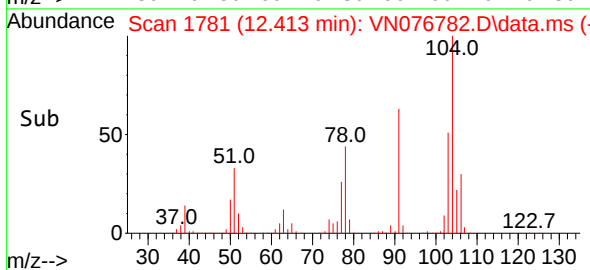
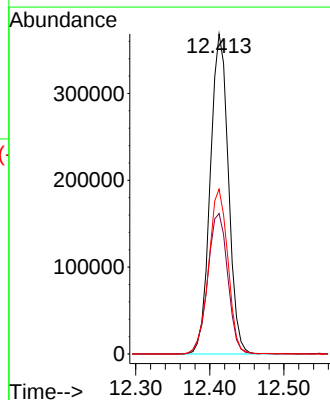
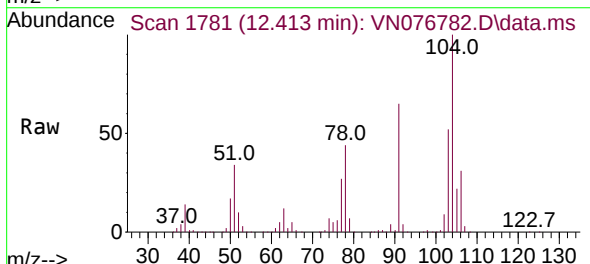
Manual Integrations
APPROVED

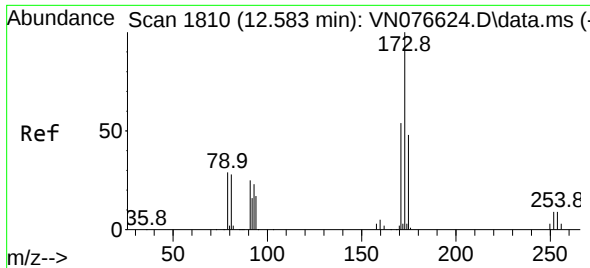
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 56.856 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

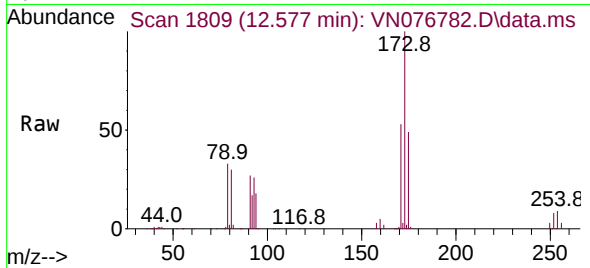
Tgt Ion:104 Resp: 627531
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 54.6 44.2 66.4





#71
Bromoform
Concen: 53.359 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

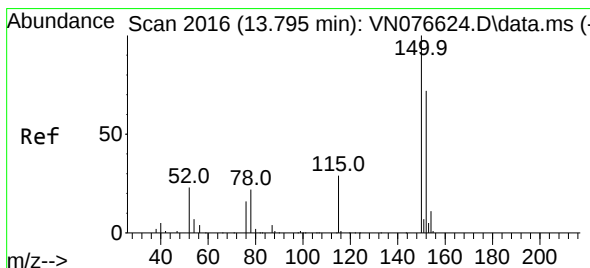
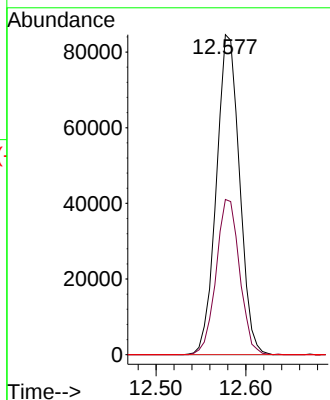
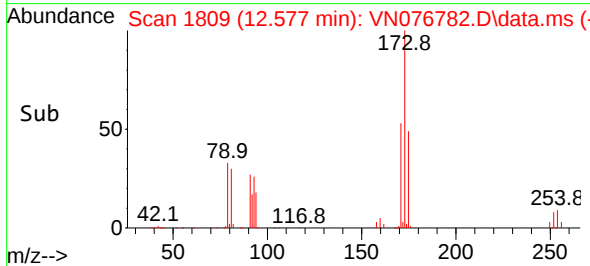
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



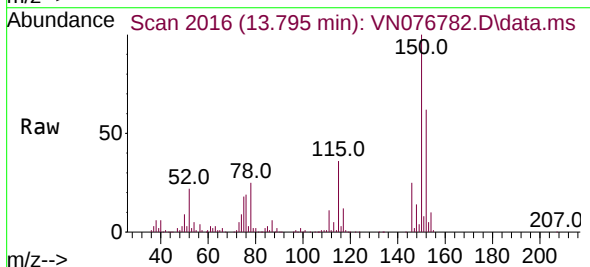
Tgt Ion:173 Resp: 15150
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

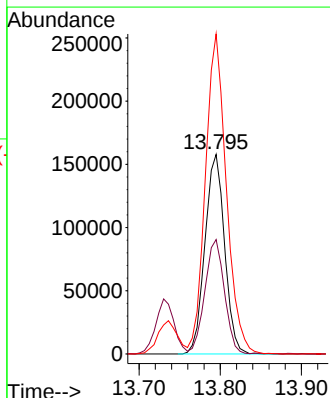
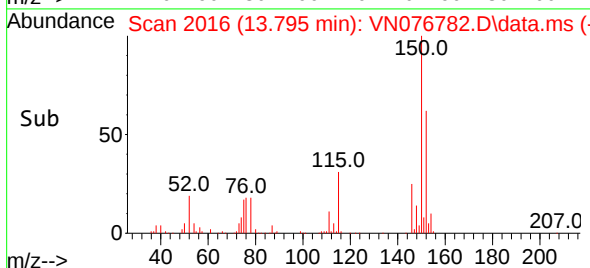
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

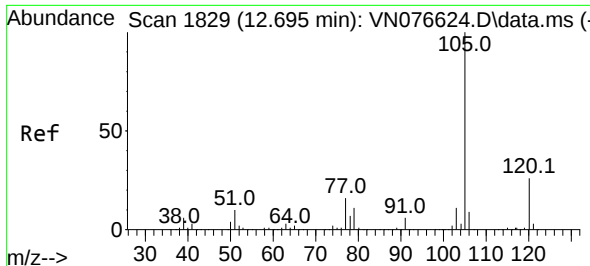


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion:152 Resp: 264797
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.9
150 171.1 0.0 349.8





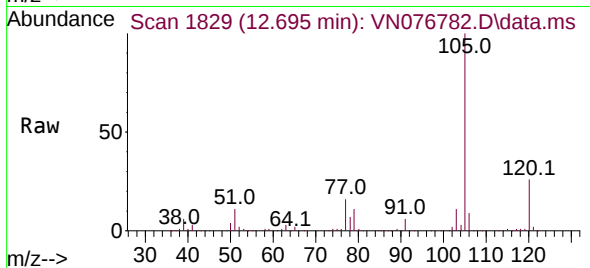
#73
Isopropylbenzene
Concen: 50.704 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

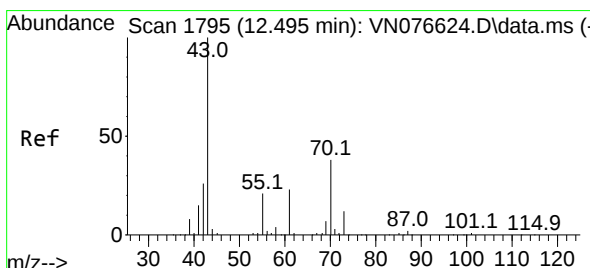
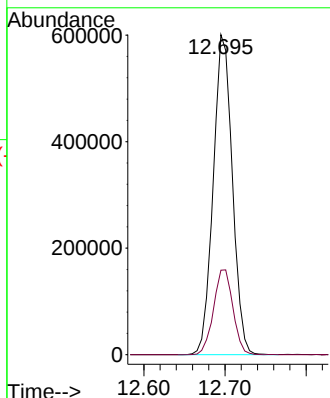
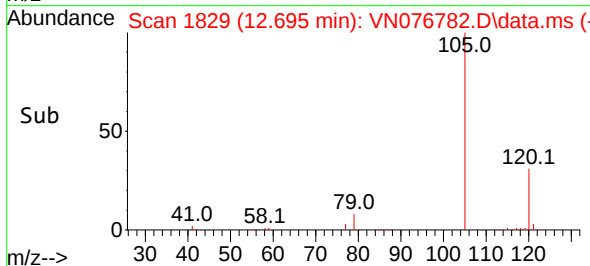


Tgt Ion:105 Resp: 984100
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

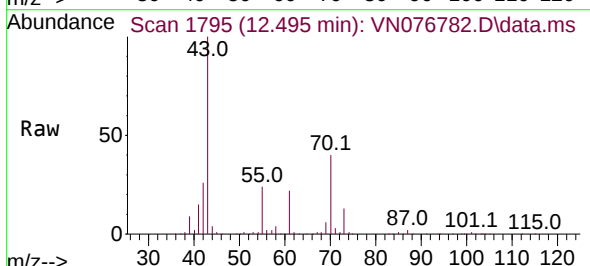
Manual Integrations

APPROVED

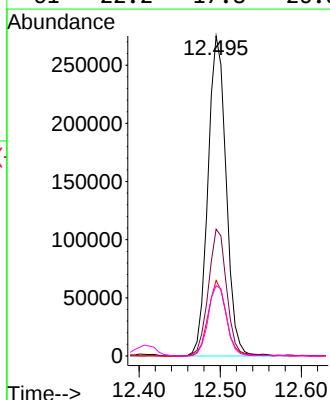
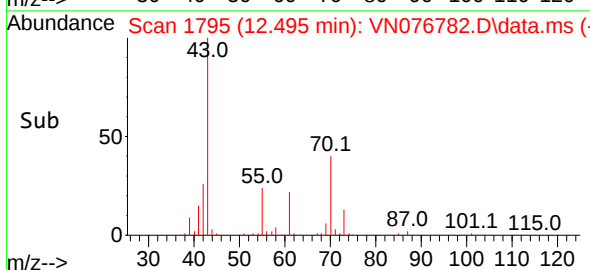
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

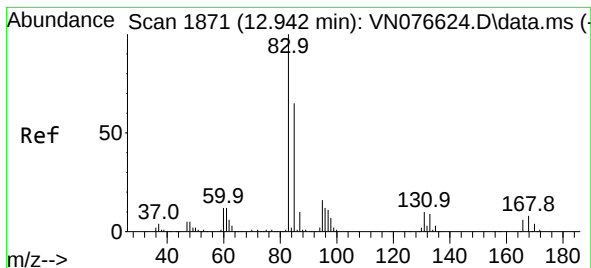


#74
N-ethyl acetate
Concen: 48.924 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 43 Resp: 428002
Ion Ratio Lower Upper
43 100
70 39.8 30.5 45.7
55 23.5 17.8 26.8
61 22.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.386 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 31183

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

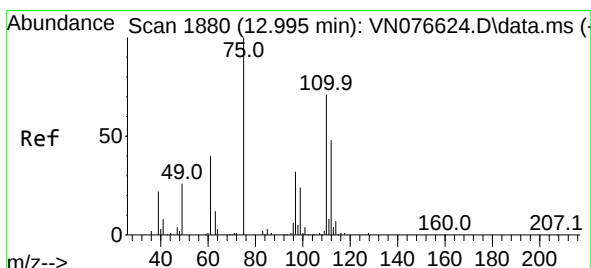
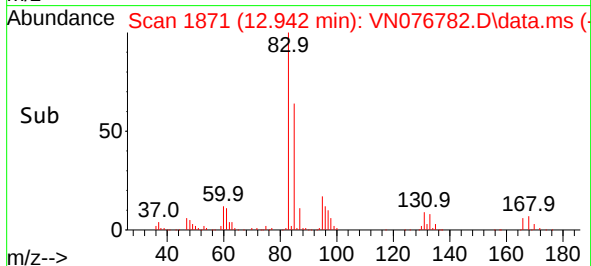
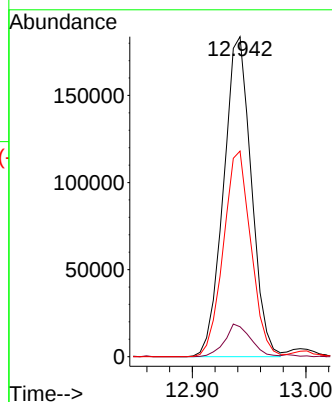
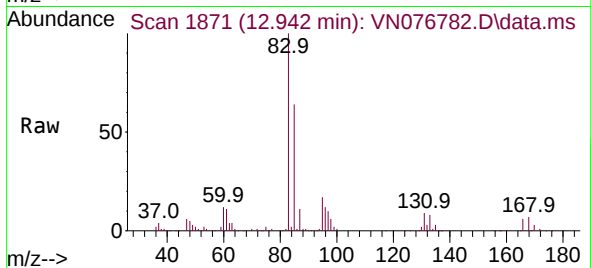
85 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#76

1,2,3-Trichloropropane

Concen: 47.426 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076782.D

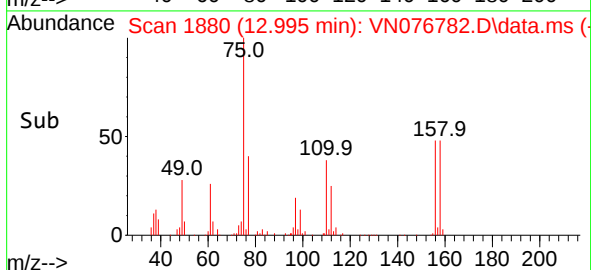
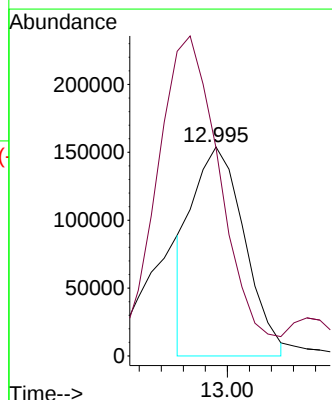
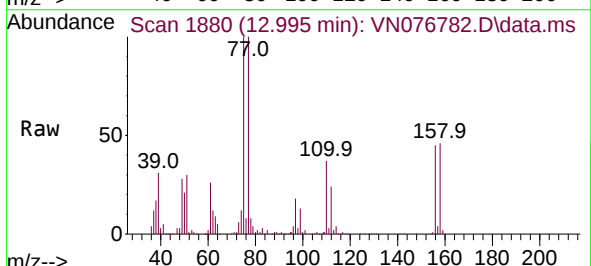
Acq: 22 Feb 2023 19:40

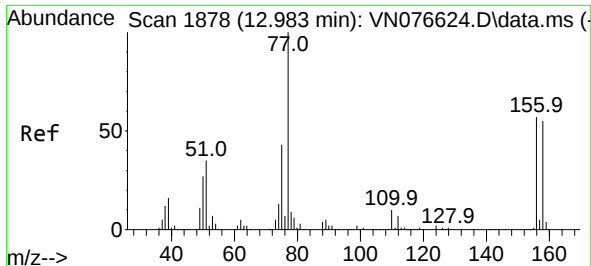
Tgt Ion: 75 Resp: 253893

Ion Ratio Lower Upper

75 100

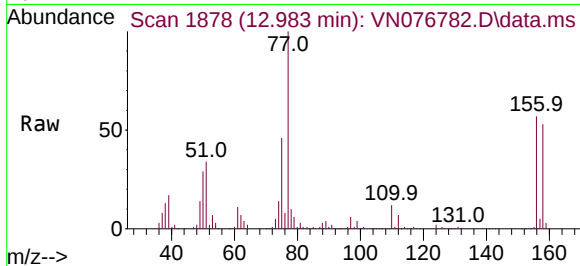
77 188.5 93.1 279.3





#77
Bromobenzene
Concen: 45.786 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

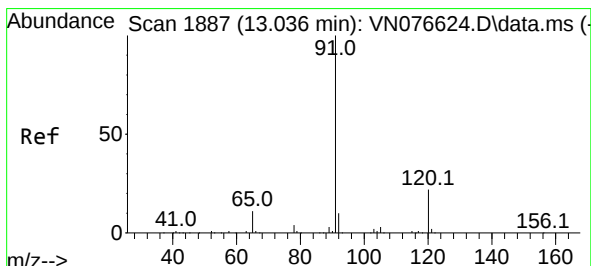
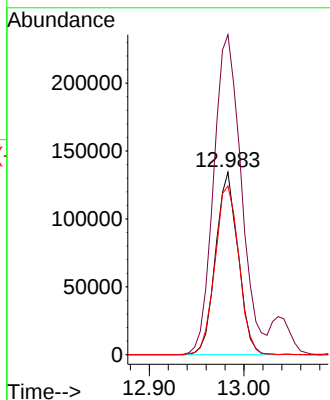
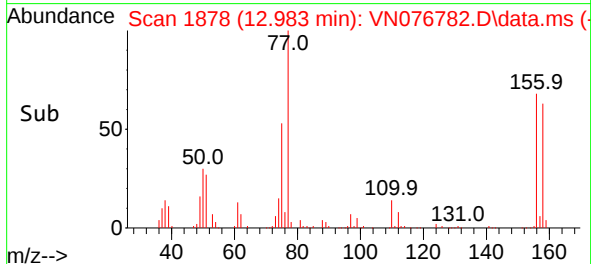
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 221714
Ion Ratio Lower Upper
156 100
77 215.9 102.8 308.4
158 98.5 48.9 146.6

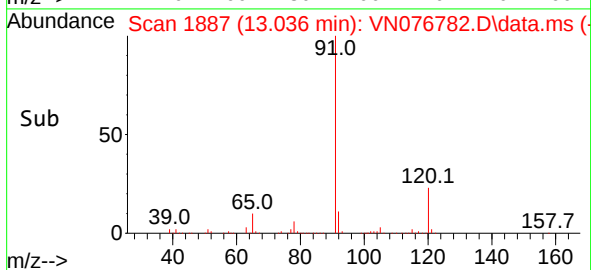
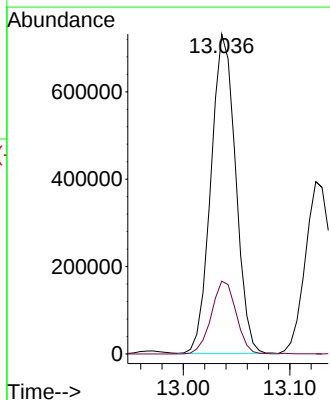
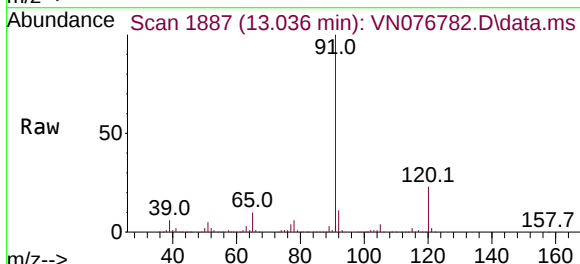
Manual Integrations
APPROVED

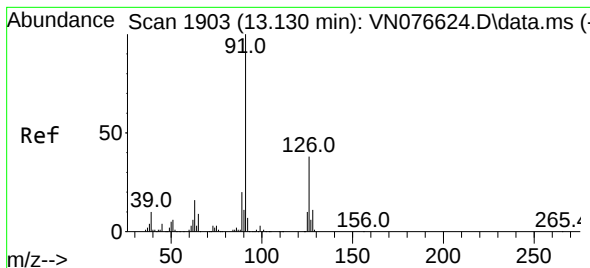
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
n-propylbenzene
Concen: 51.610 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion: 91 Resp: 1176237
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 48.766 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 68051

Ion Ratio Lower Upper

91 100

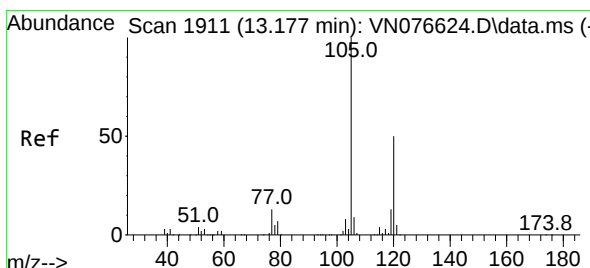
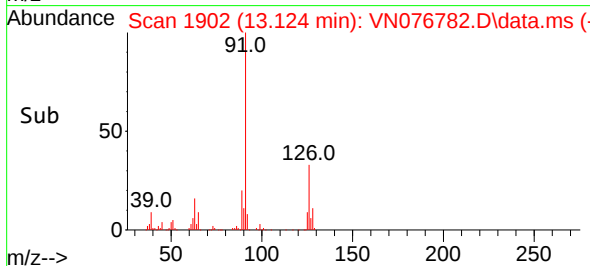
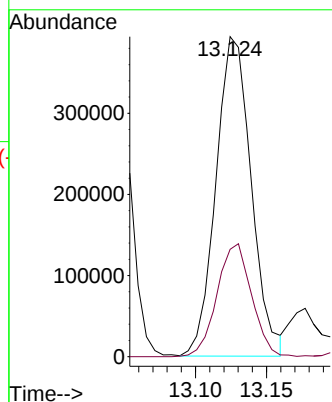
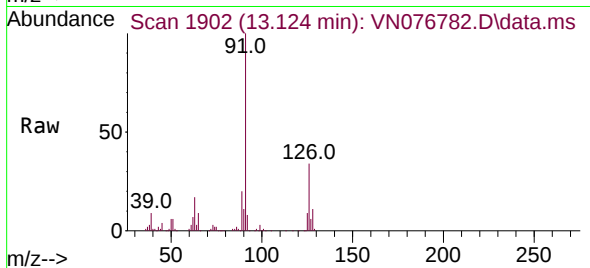
126 34.6 17.7 53.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.601 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076782.D

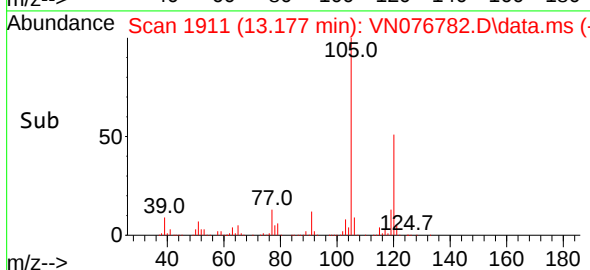
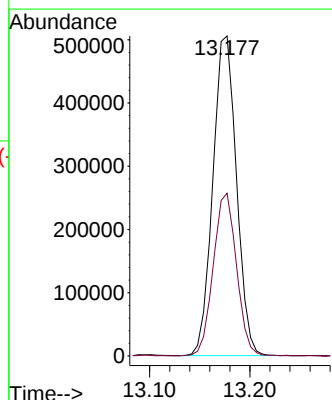
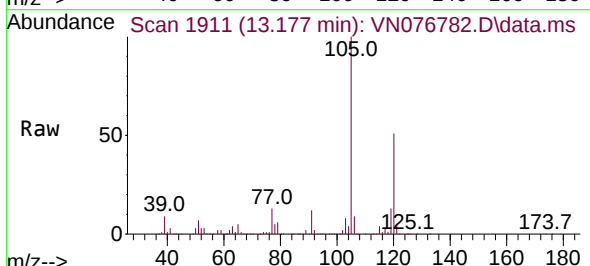
Acq: 22 Feb 2023 19:40

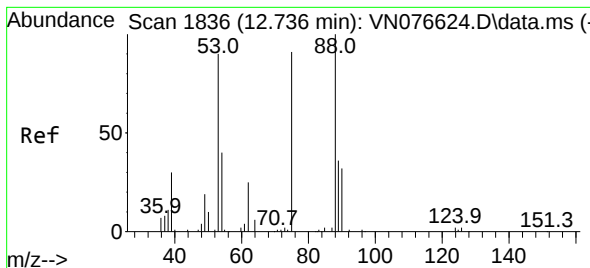
Tgt Ion:105 Resp: 827686

Ion Ratio Lower Upper

105 100

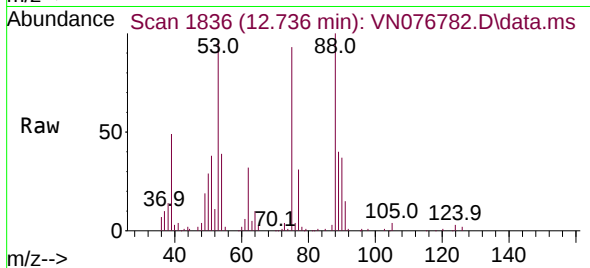
120 50.1 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.529 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

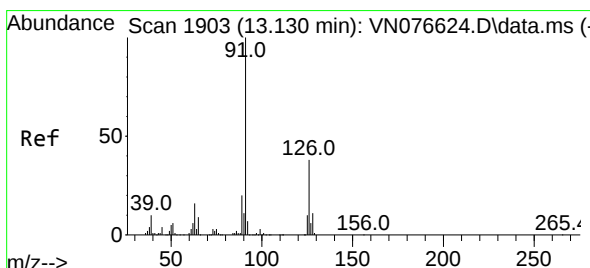
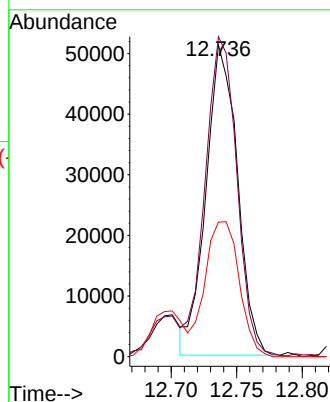
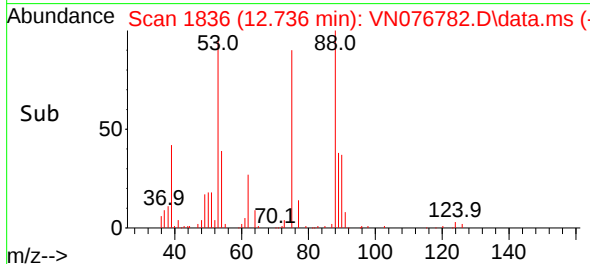
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



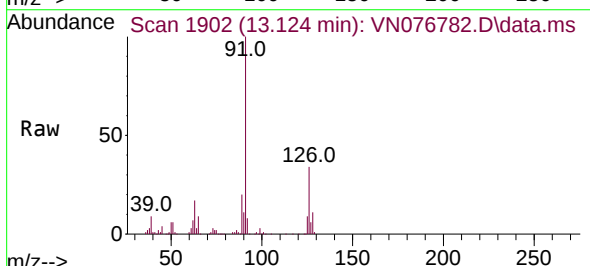
Tgt Ion: 75 Resp: 8552
Ion Ratio Lower Upper
75 100
53 103.8 92.1 138.1
89 47.3 37.5 56.3

Manual Integrations
APPROVED

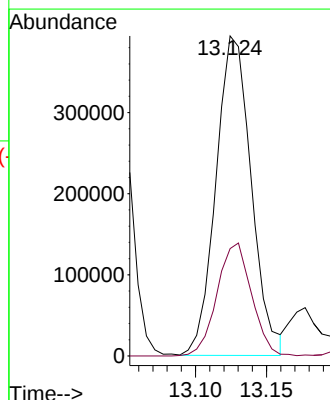
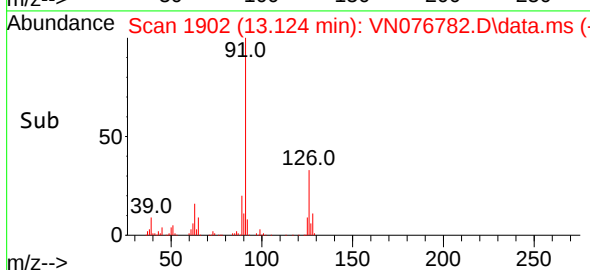
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

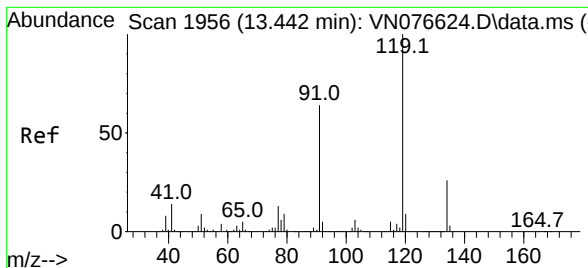


#82
4-Chlorotoluene
Concen: 48.766 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 91 Resp: 680511
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1





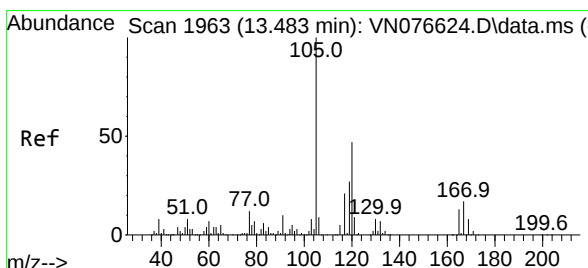
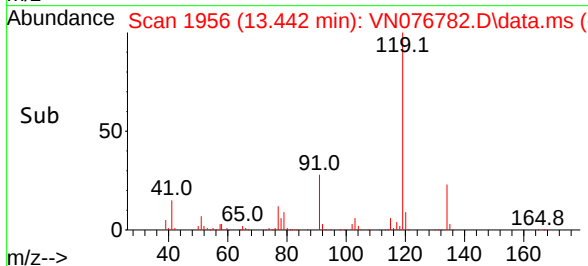
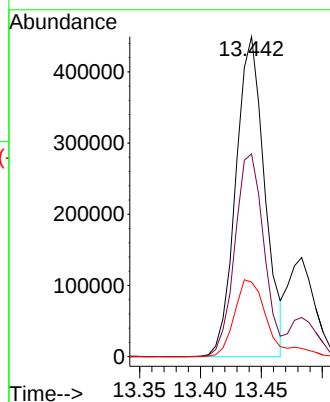
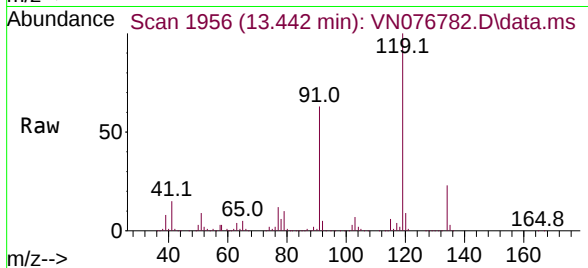
#83
tert-Butylbenzene
Concen: 51.241 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 74353
Ion Ratio Lower Upper
119 100
91 63.7 32.0 96.2
134 27.7 13.8 41.4

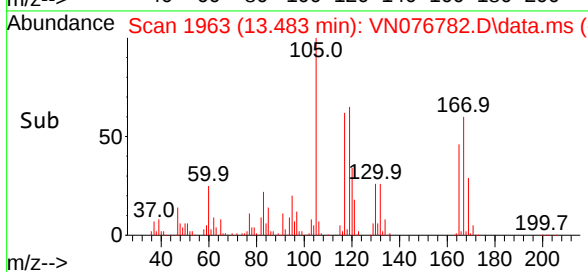
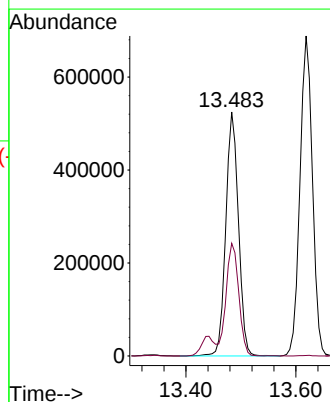
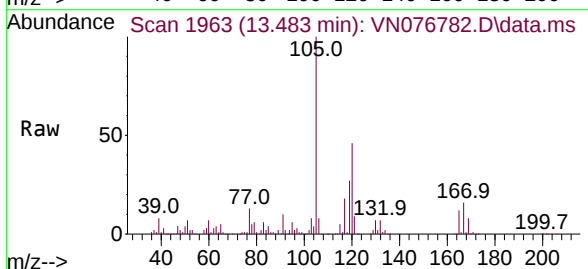
Manual Integrations
APPROVED

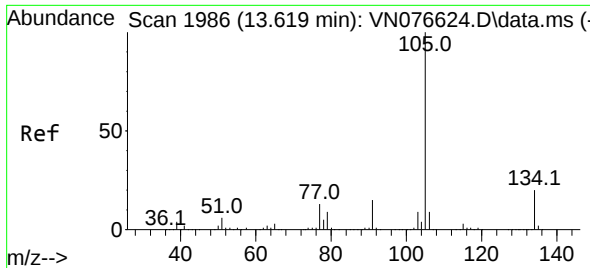
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.373 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

Tgt Ion:105 Resp: 837226
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





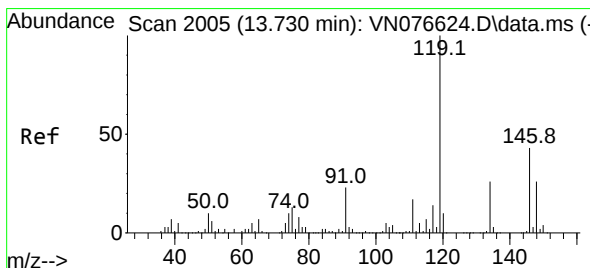
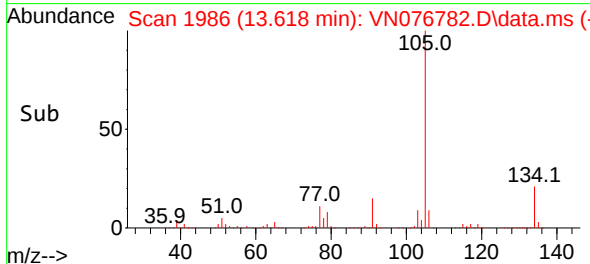
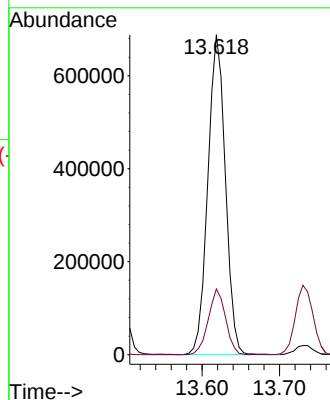
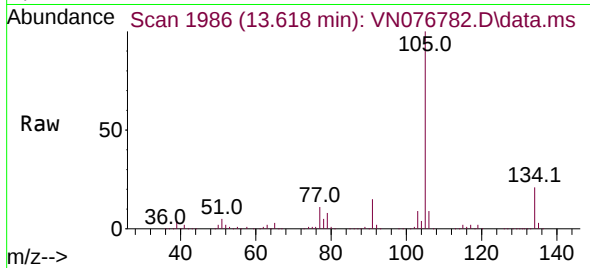
#85
 sec-Butylbenzene
 Concen: 53.403 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076782.D
 Acq: 22 Feb 2023 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 108188
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5

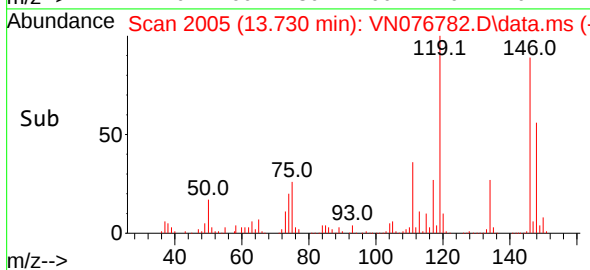
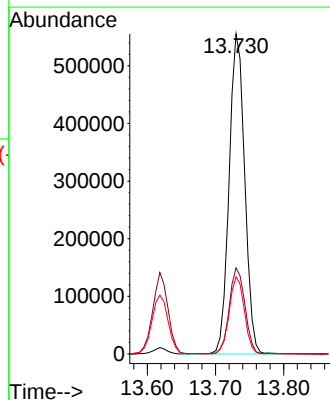
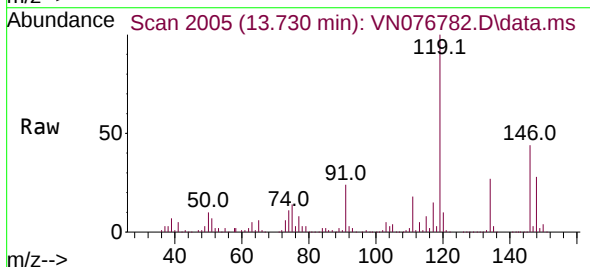
Manual Integrations
 APPROVED

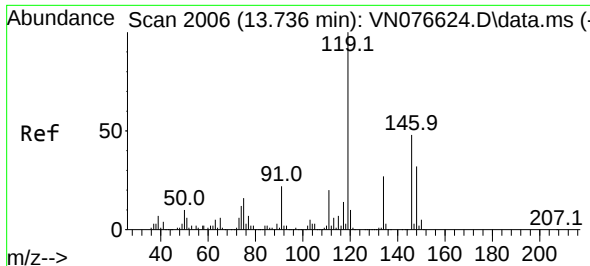
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#86
 p-Isopropyltoluene
 Concen: 54.573 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076782.D
 Acq: 22 Feb 2023 19:40

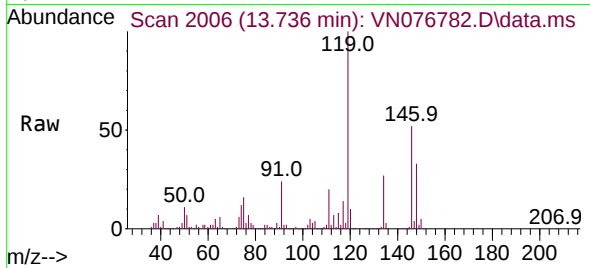
Tgt Ion:119 Resp: 882840
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.5 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 48.686 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

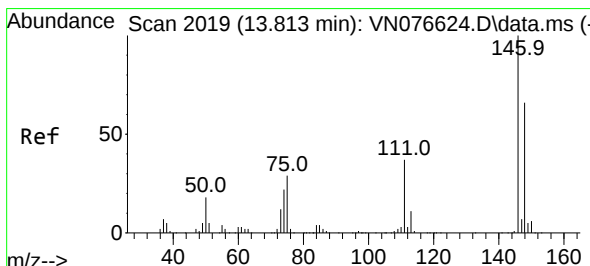
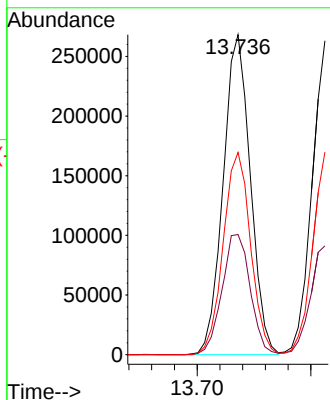
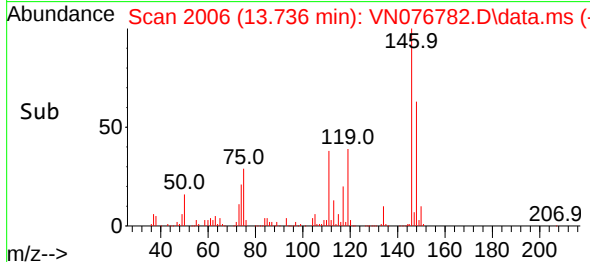
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



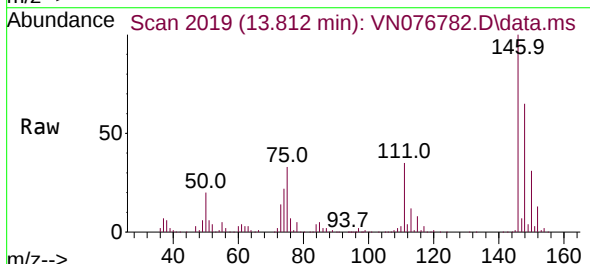
Tgt Ion:146 Resp: 44565
Ion Ratio Lower Upper
146 100
111 39.0 19.8 59.4
148 63.7 32.0 96.2

Manual Integrations
APPROVED

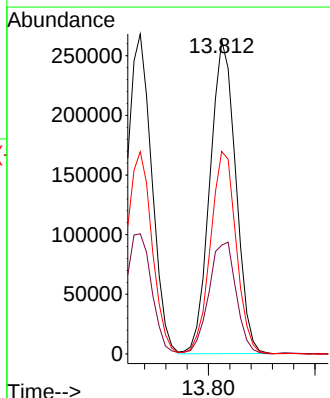
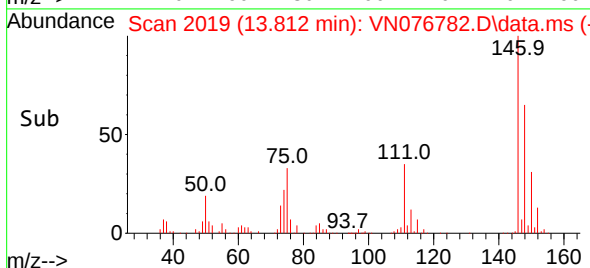
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

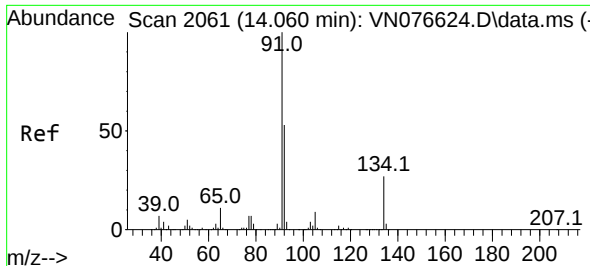


#88
1,4-Dichlorobenzene
Concen: 48.448 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



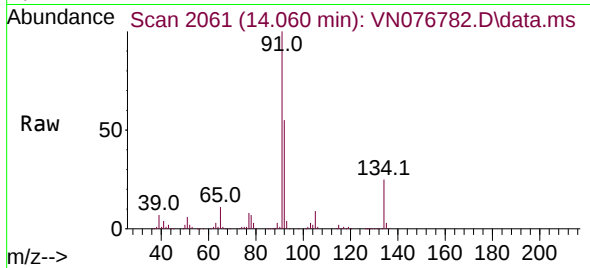
Tgt Ion:146 Resp: 441620
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.1
148 64.2 32.7 98.1





#89
n-Butylbenzene
Concen: 53.373 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

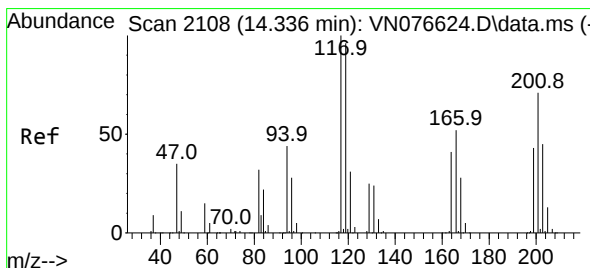
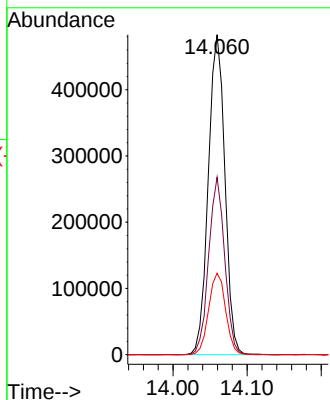
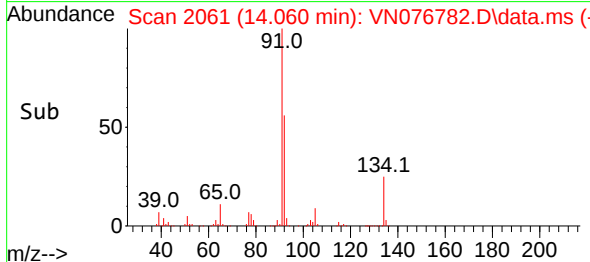
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 750960
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 26.1 13.2 39.5

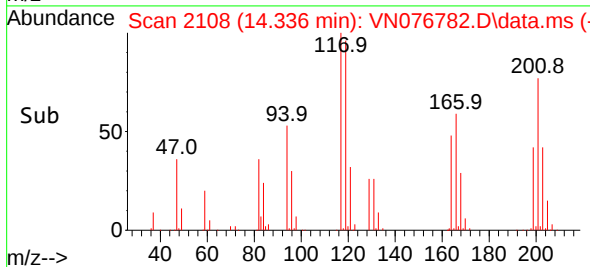
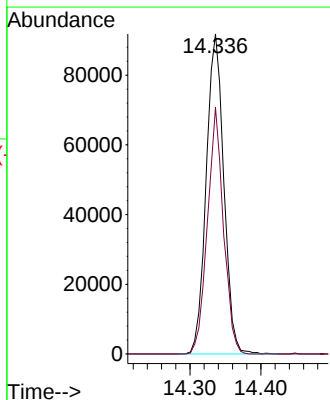
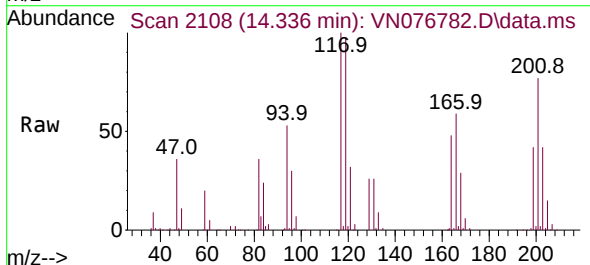
Manual Integrations
APPROVED

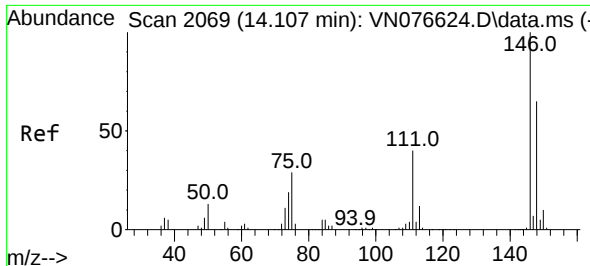
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 46.608 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

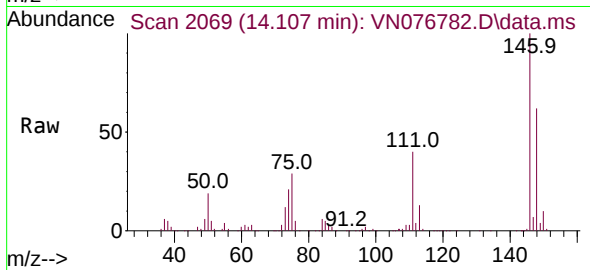
Tgt Ion:117 Resp: 157870
Ion Ratio Lower Upper
117 100
201 70.2 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 47.633 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40

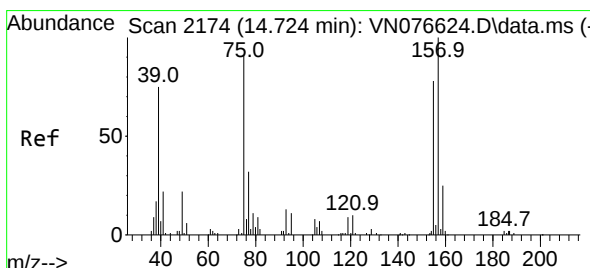
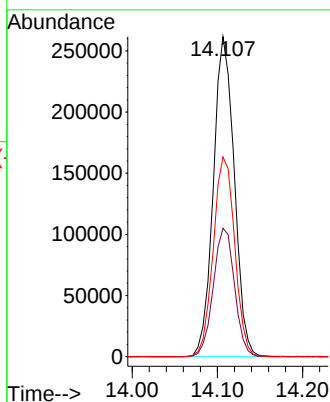
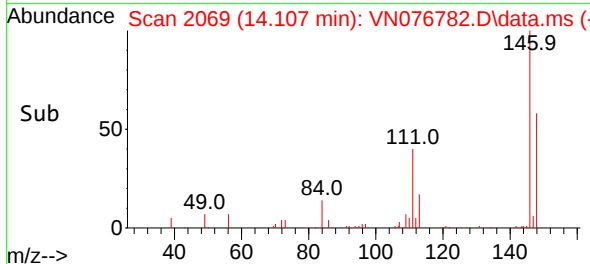
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



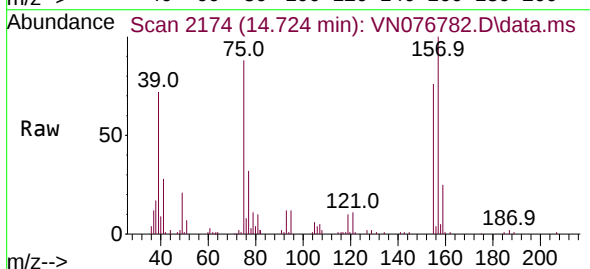
Tgt Ion:146 Resp: 446994
Ion Ratio Lower Upper
146 100
111 40.7 20.0 59.9
148 64.0 32.4 97.2

Manual Integrations
APPROVED

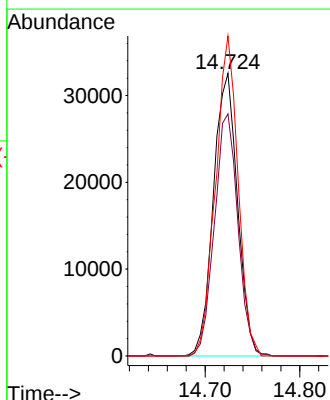
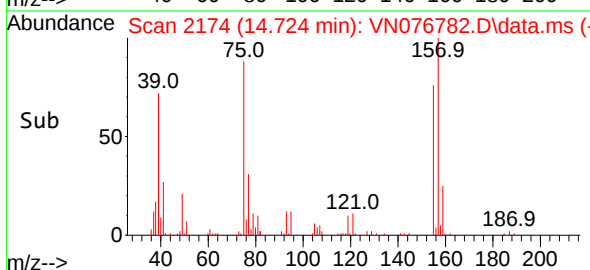
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

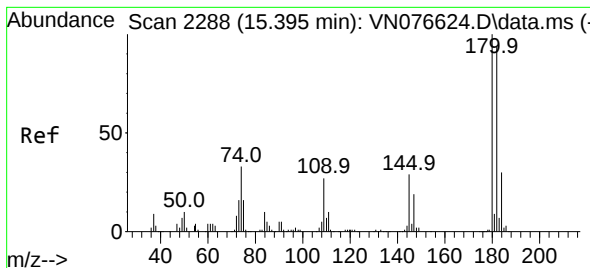


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.322 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076782.D
Acq: 22 Feb 2023 19:40



Tgt Ion: 75 Resp: 57604
Ion Ratio Lower Upper
75 100
155 83.4 43.4 130.2
157 105.7 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 48.217 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076782.D

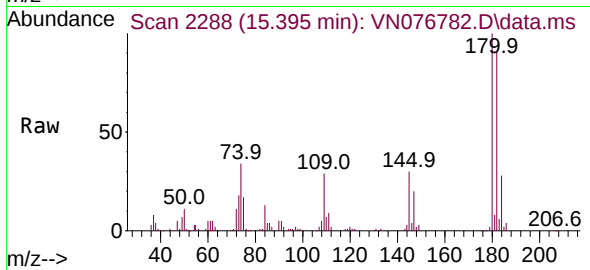
Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



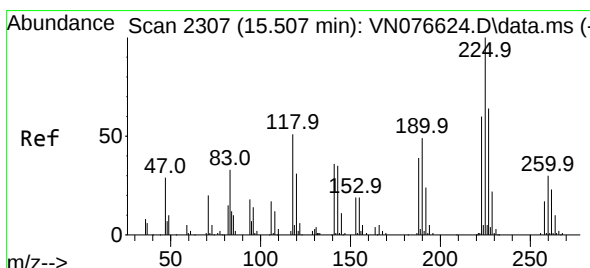
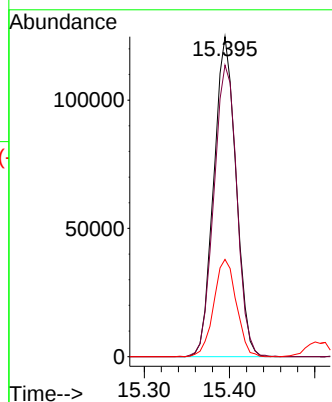
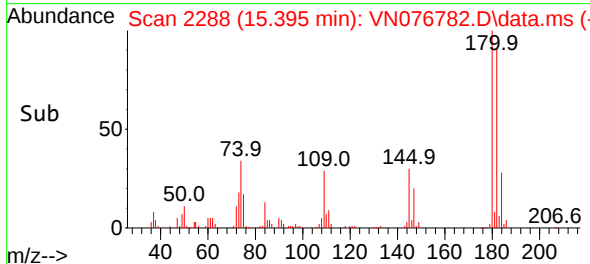
Tgt Ion:	180	Resp:	22570
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.0	144.0
145	30.9	15.2	45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#94

Hexachlorobutadiene

Concen: 46.105 ug/l

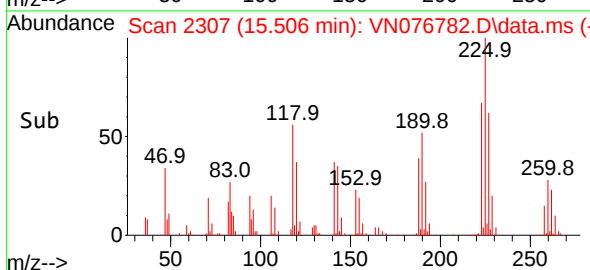
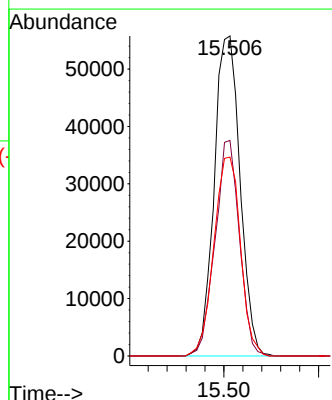
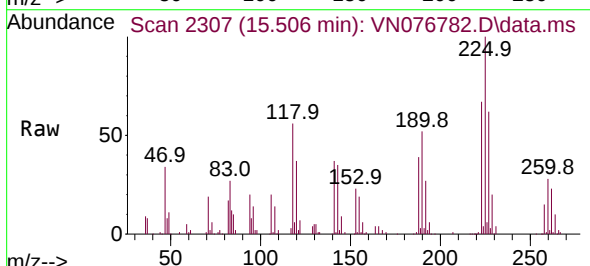
RT: 15.506 min Scan# 2307

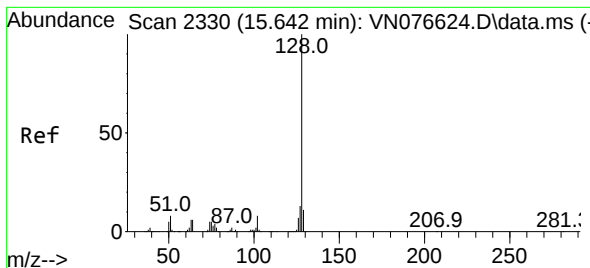
Delta R.T. -0.001 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Tgt Ion:	225	Resp:	105777
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.6	95.0
227	63.9	31.3	93.9





#95

Naphthalene

Concen: 51.639 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

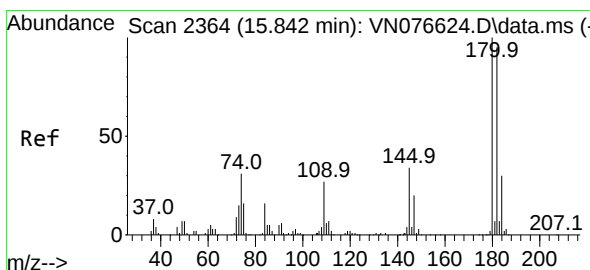
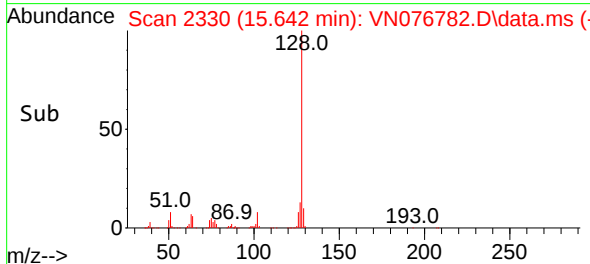
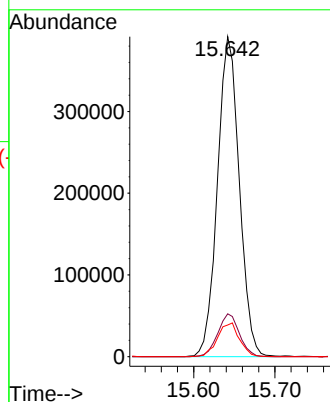
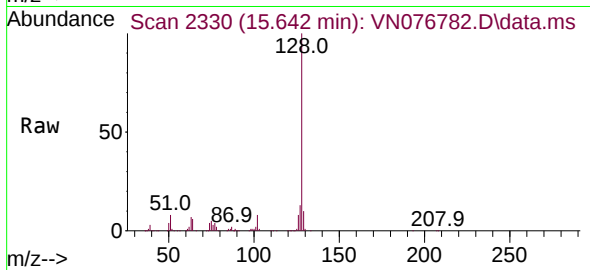
Tgt Ion:	128	Resp:	73352
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.154 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076782.D

Acq: 22 Feb 2023 19:40

Tgt Ion:	180	Resp:	222917
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.7	140.1
145	32.1	16.0	47.9

