

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076633.D
 Acq On : 13 Feb 2023 17:31
 Operator : JC\MD
 Sample : VN0213WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 05:24:22 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	335312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	602051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	544156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	263788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	245689	53.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.120%			
35) Dibromofluoromethane	8.172	113	193632	49.111	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.220%			
50) Toluene-d8	10.572	98	749146	50.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.854	95	255063	52.302	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	75394	21.175	ug/l	92
3) Chloromethane	2.372	50	86909	18.709	ug/l	97
4) Vinyl Chloride	2.525	62	87216	19.077	ug/l	96
5) Bromomethane	2.954	94	60339	21.782	ug/l	100
6) Chloroethane	3.125	64	59769	20.687	ug/l	94
7) Trichlorofluoromethane	3.507	101	116346	18.704	ug/l	92
8) Diethyl Ether	3.978	74	47848	19.962	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.384	101	71691	19.614	ug/l	98
10) Methyl Iodide	4.601	142	84804	18.788	ug/l	97
11) Tert butyl alcohol	5.537	59	62098	101.606	ug/l	98
12) 1,1-Dichloroethene	4.354	96	66503	19.215	ug/l	94
13) Acrolein	4.195	56	93062	101.424	ug/l	99
14) Allyl chloride	5.037	41	112950	18.835	ug/l	98
15) Acrylonitrile	5.731	53	218174	100.588	ug/l	99
16) Acetone	4.437	43	180795	87.415	ug/l	99
17) Carbon Disulfide	4.725	76	174315	19.076	ug/l	98
18) Methyl Acetate	5.042	43	138908	20.576	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	240140	20.580	ug/l	95
20) Methylene Chloride	5.284	84	84058	19.392	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	72473	18.602	ug/l #	79
22) Diisopropyl ether	6.684	45	291260	20.707	ug/l	95
23) Vinyl Acetate	6.613	43	929500	111.690	ug/l	97
24) 1,1-Dichloroethane	6.578	63	147678	19.157	ug/l	96
25) 2-Butanone	7.495	43	298462	97.830	ug/l	92
26) 2,2-Dichloropropane	7.501	77	104877	18.862	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	85640	18.533	ug/l	96
28) Bromochloromethane	7.819	49	65972	17.981	ug/l	94
29) Tetrahydrofuran	7.848	42	197775	99.222	ug/l	98
30) Chloroform	7.972	83	148931	19.337	ug/l	97
31) Cyclohexane	8.266	56	143896	19.812	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	127673	19.715	ug/l	95
36) 1,1-Dichloropropene	8.378	75	108755	19.091	ug/l	99
37) Ethyl Acetate	7.566	43	123510	20.607	ug/l	96
38) Carbon Tetrachloride	8.366	117	108330	18.851	ug/l	97
39) Methylcyclohexane	9.607	83	129260	19.962	ug/l	99
40) Benzene	8.613	78	340493	19.464	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	68669	19.777	ug/l	95
42) 1,2-Dichloroethane	8.678	62	119889	19.650	ug/l	100
43) Isopropyl Acetate	8.695	43	204650	20.984	ug/l	99
44) Trichloroethene	9.360	130	78116	18.896	ug/l	98
45) 1,2-Dichloropropane	9.625	63	90636	19.572	ug/l	91
46) Dibromomethane	9.713	93	58115	19.630	ug/l	98
47) Bromodichloromethane	9.895	83	116029	19.548	ug/l	95
48) Methyl methacrylate	9.689	41	96083	20.761	ug/l	95
49) 1,4-Dioxane	9.695	88	32005	399.784	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	636885	102.636	ug/l	98
52) Toluene	10.636	92	215115	20.367	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	118207	20.633	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	129052	19.529	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	86580	20.160	ug/l	97
56) Ethyl methacrylate	10.877	69	121303	20.066	ug/l	95
57) 1,3-Dichloropropane	11.166	76	150285	20.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	293537	106.026	ug/l	98
59) 2-Hexanone	11.201	43	453987	101.468	ug/l	99
60) Dibromochloromethane	11.360	129	85875	18.972	ug/l	97
61) 1,2-Dibromoethane	11.471	107	82546	19.202	ug/l	97
64) Tetrachloroethene	11.107	164	66075	19.268	ug/l	95
65) Chlorobenzene	11.895	112	220025	19.079	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	82370	19.664	ug/l	99
67) Ethyl Benzene	11.966	91	396876	20.200	ug/l	98
68) m/p-Xylenes	12.071	106	312715	41.293	ug/l	98
69) o-Xylene	12.401	106	151846	20.559	ug/l	97
70) Styrene	12.413	104	247079	20.687	ug/l	99
71) Bromoform	12.583	173	60358	19.644	ug/l #	98
73) Isopropylbenzene	12.701	105	391090	20.227	ug/l	100
74) N-amyl acetate	12.495	43	179471	20.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	130499	18.646	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	99008m	18.565	ug/l	
77) Bromobenzene	12.983	156	93149	19.310	ug/l	98
78) n-propylbenzene	13.042	91	460980	20.304	ug/l	99
79) 2-Chlorotoluene	13.130	91	273324	19.662	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	337596	21.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	40578	22.161	ug/l	84
82) 4-Chlorotoluene	13.130	91	273324	19.662	ug/l	100
83) tert-Butylbenzene	13.442	119	290869	20.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	336092	21.105	ug/l	99
85) sec-Butylbenzene	13.618	105	417870	20.705	ug/l	98
86) p-Isopropyltoluene	13.730	119	346070	21.474	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	172283	18.893	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	174927	19.264	ug/l	98
89) n-Butylbenzene	14.060	91	286398	20.433	ug/l	99
90) Hexachloroethane	14.336	117	61308	18.169	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	175543	18.778	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	24737	18.244	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	93073	19.959	ug/l	99
94) Hexachlorobutadiene	15.507	225	42310	18.512	ug/l	99
95) Naphthalene	15.648	128	301095	21.278	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	94130	20.835	ug/l	100

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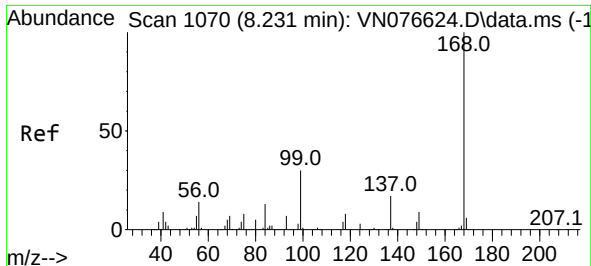
Manual Integrations
APPROVED

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



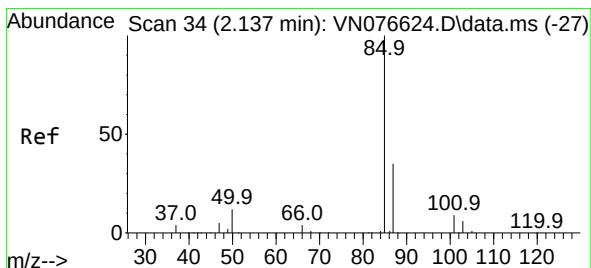
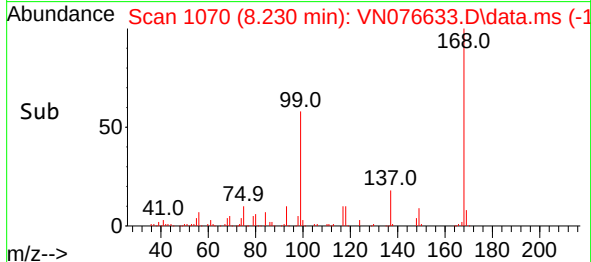
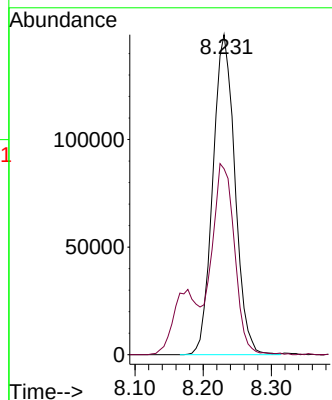
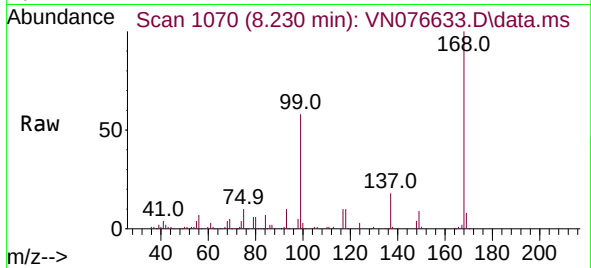
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076633.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:168 Resp: 33531
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2

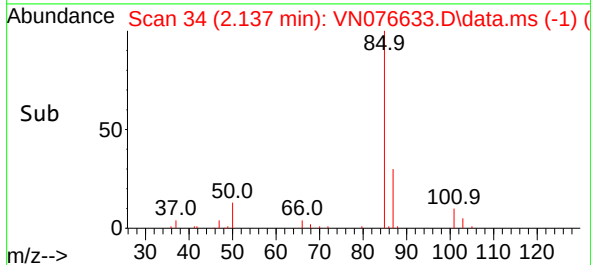
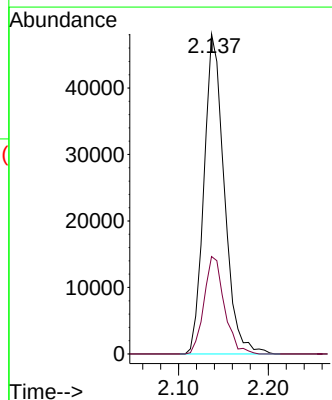
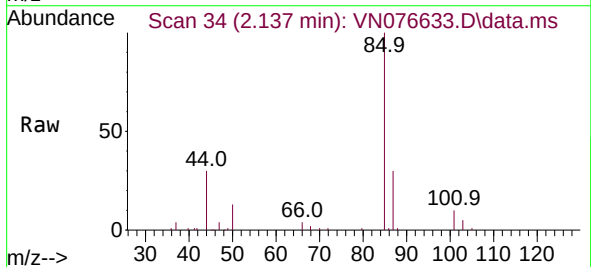
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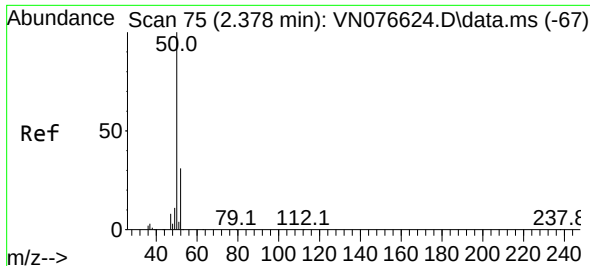
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 21.175 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

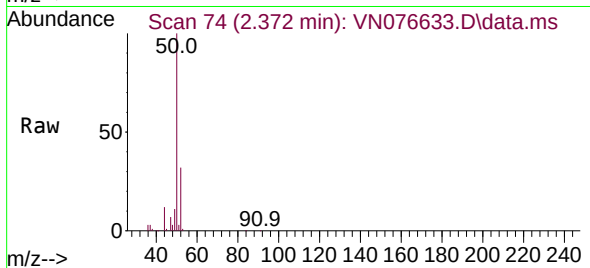
Tgt Ion: 85 Resp: 75394
Ion Ratio Lower Upper
85 100
87 30.4 17.4 52.2





#3
Chloromethane
Concen: 18.709 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

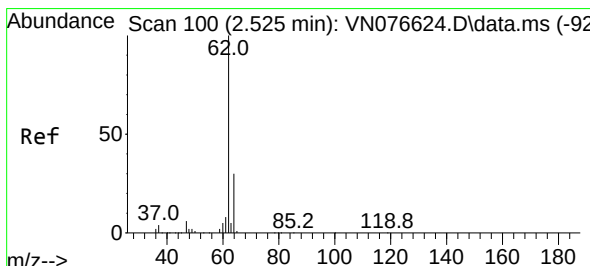
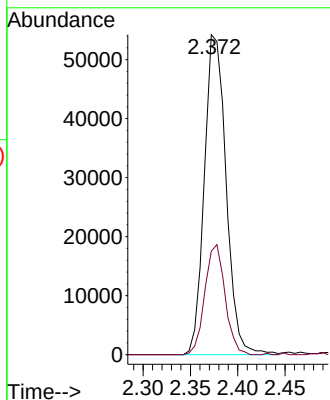
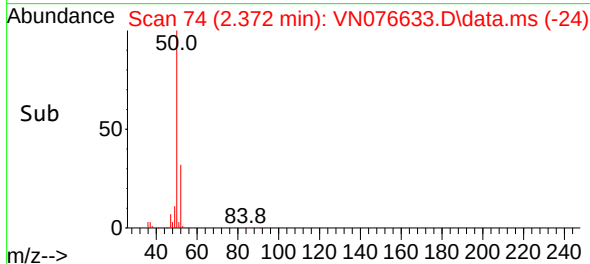
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VN0213WBSD01



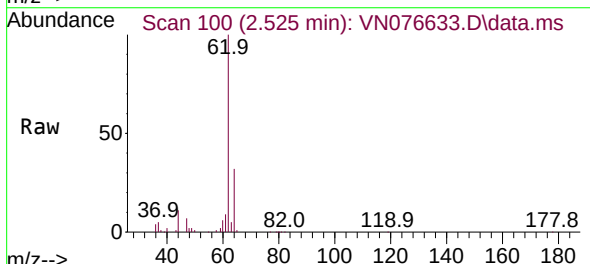
Tgt Ion: 50 Resp: 86909
Ion Ratio Lower Upper
50 100
52 32.4 24.7 37.1

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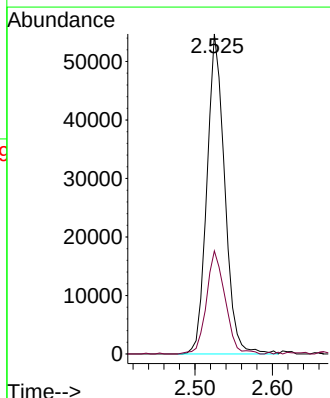
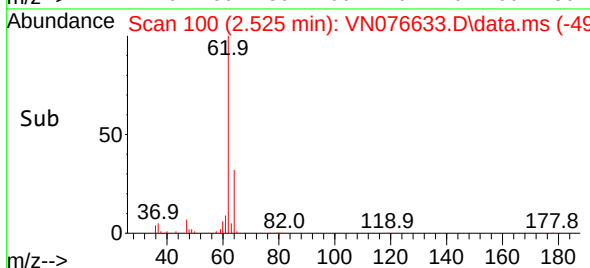
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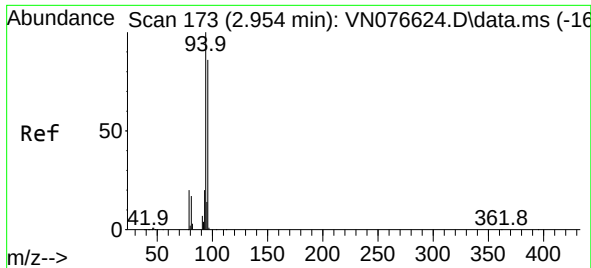


#4
Vinyl Chloride
Concen: 19.077 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion: 62 Resp: 87216
Ion Ratio Lower Upper
62 100
64 32.2 23.9 35.9





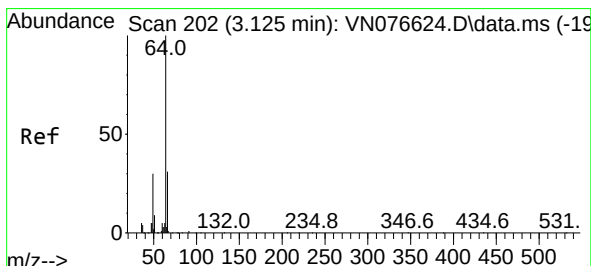
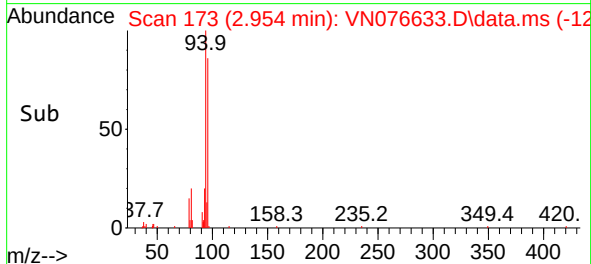
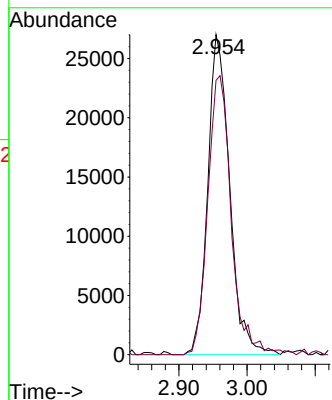
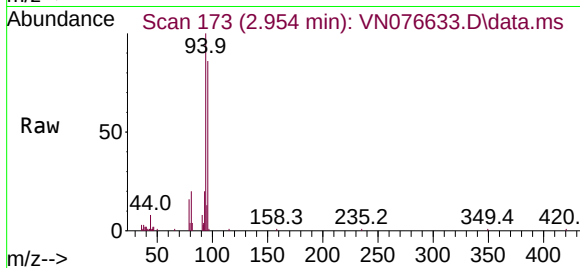
#5
Bromomethane
Concen: 21.782 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN076633.D
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Tgt Ion: 94 Resp: 60339
Ion Ratio Lower Upper
94 100
96 85.8 69.0 103.4

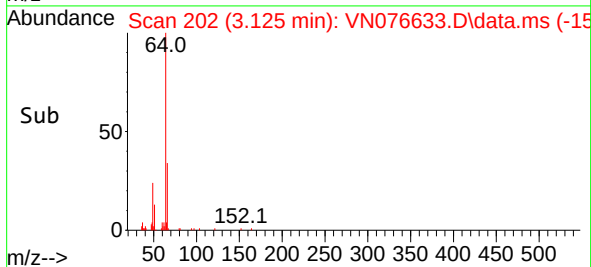
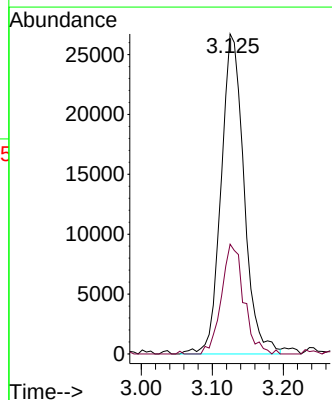
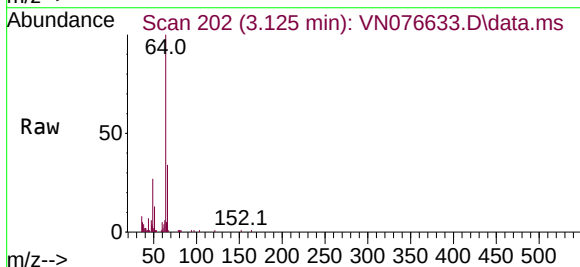
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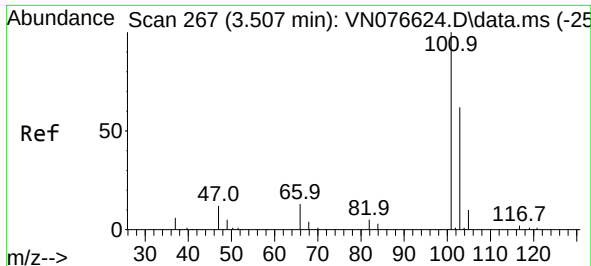
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#6
Chloroethane
Concen: 20.687 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076633.D
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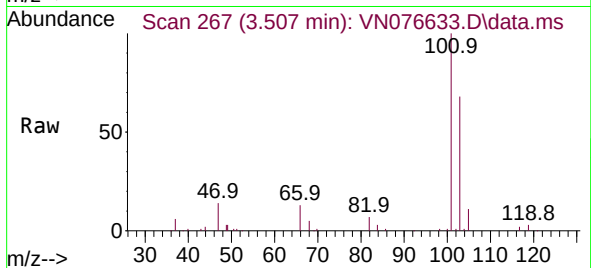
Tgt Ion: 64 Resp: 59769
Ion Ratio Lower Upper
64 100
66 34.3 24.6 37.0





#7
Trichlorofluoromethane
Concen: 18.704 ug/l
RT: 3.507 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN076633.D
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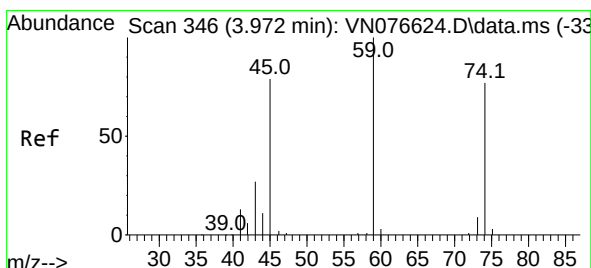
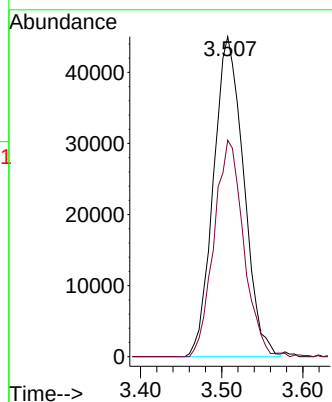
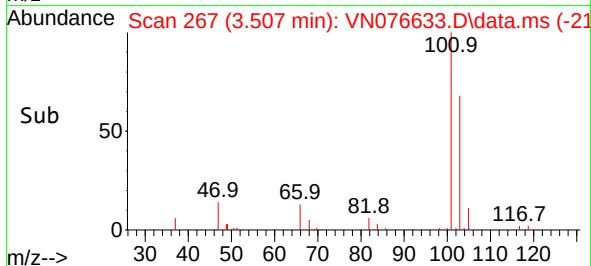
Instrument :
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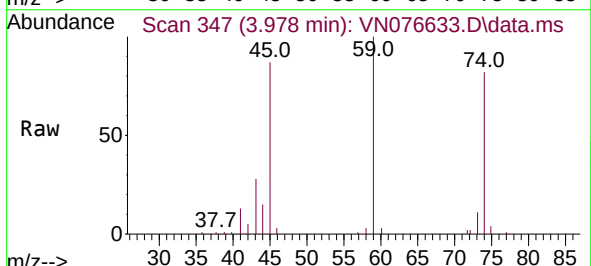
Tgt Ion:101 Resp: 116340
Ion Ratio Lower Upper
101 100
103 67.6 49.4 74.2

Manual Integrations
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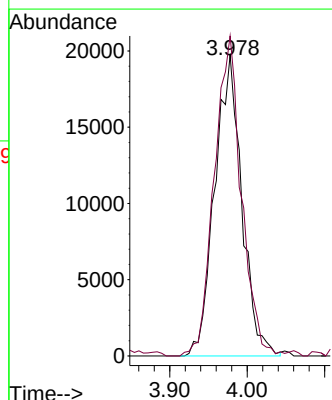
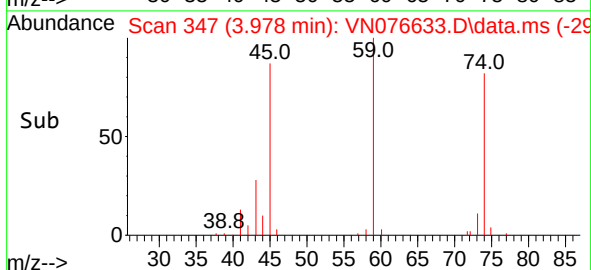
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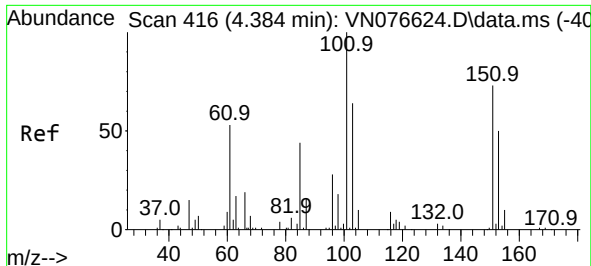


#8
Diethyl Ether
Concen: 19.962 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 47848
Ion Ratio Lower Upper
74 100
45 106.8 51.3 153.9





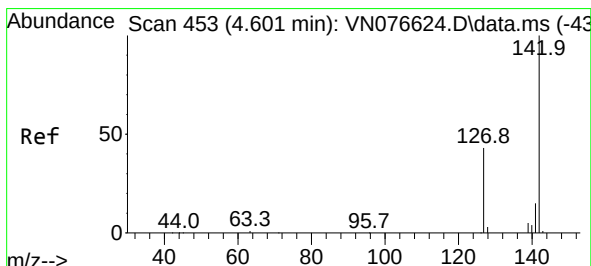
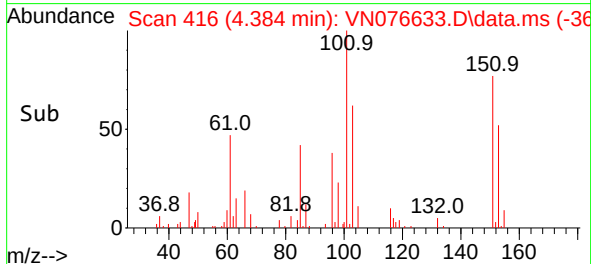
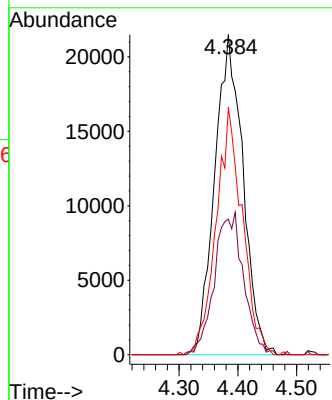
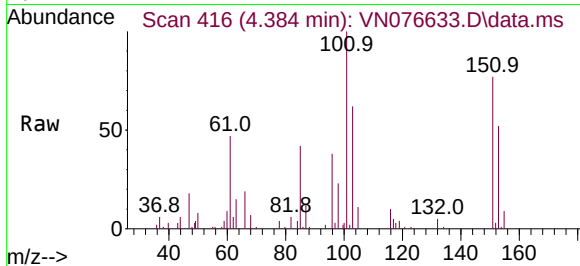
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.614 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:101 Resp: 7169
Ion Ratio Lower Upper
101 100
85 45.7 37.4 56.0
151 71.6 58.7 88.1

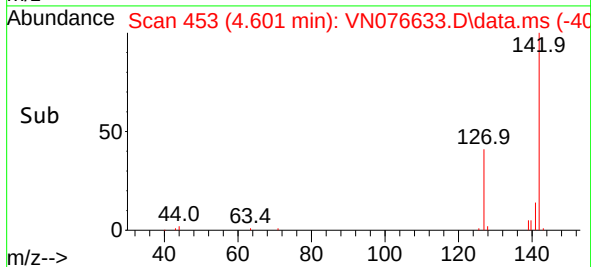
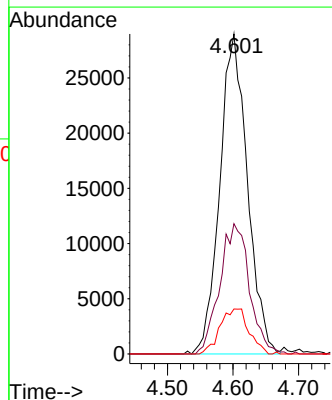
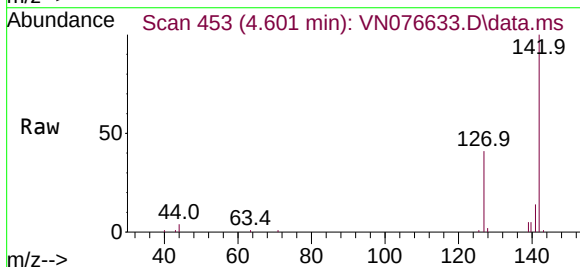
Manual Integrations
APPROVED

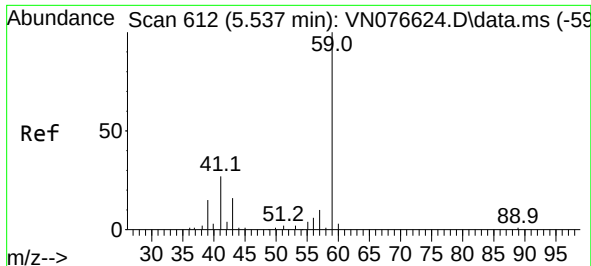
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 18.788 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

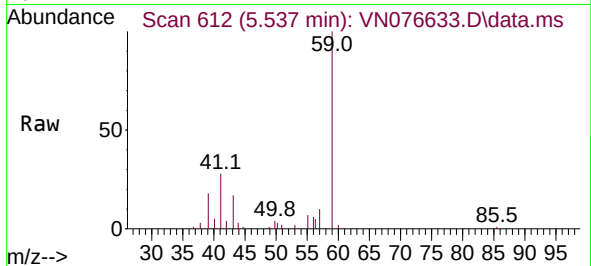
Tgt Ion:142 Resp: 84804
Ion Ratio Lower Upper
142 100
127 40.7 34.6 51.8
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 101.606 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

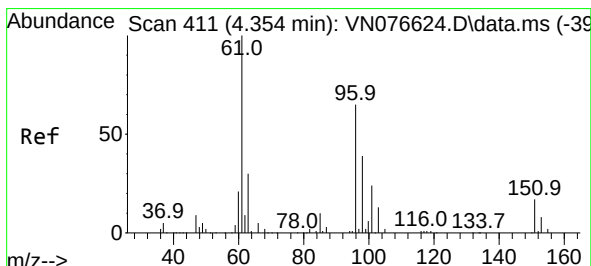
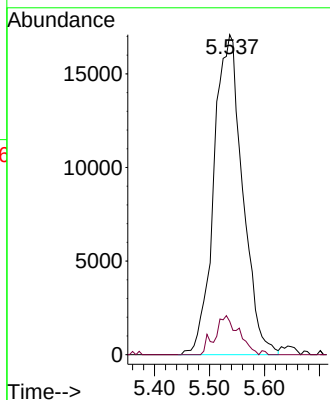
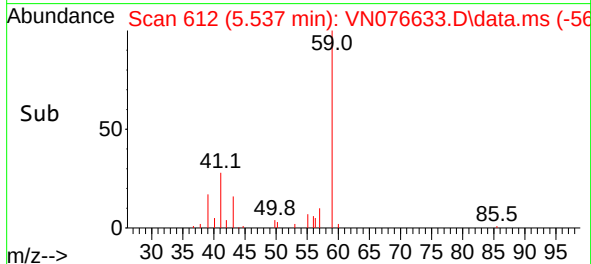
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 59 Resp: 62098
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

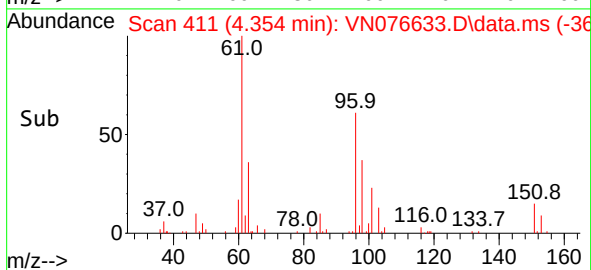
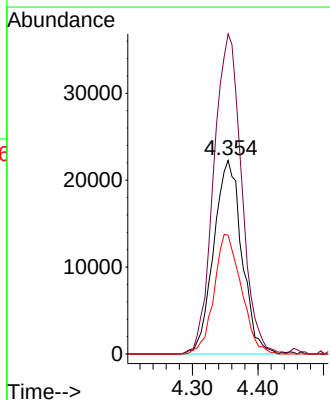
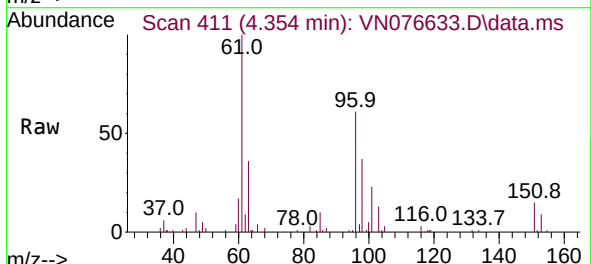
Manual Integrations
APPROVED

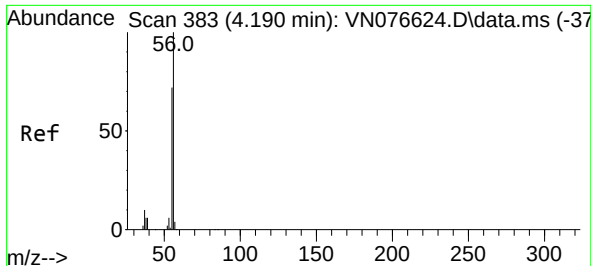
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#12
1,1-Dichloroethene
Concen: 19.215 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

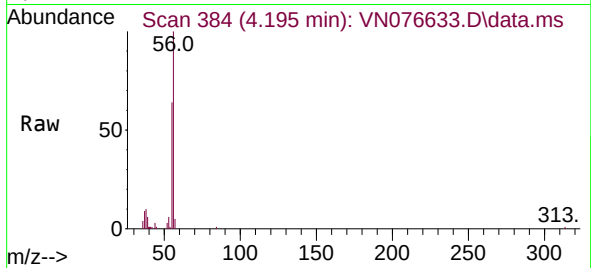
Tgt Ion: 96 Resp: 66503
Ion Ratio Lower Upper
96 100
61 165.2 123.8 185.6
98 61.3 48.4 72.6





#13
Acrolein
Concen: 101.424 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

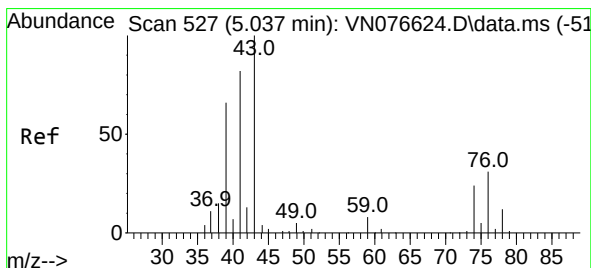
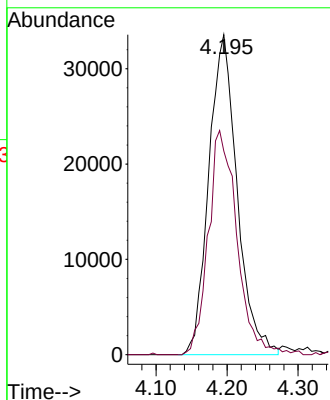
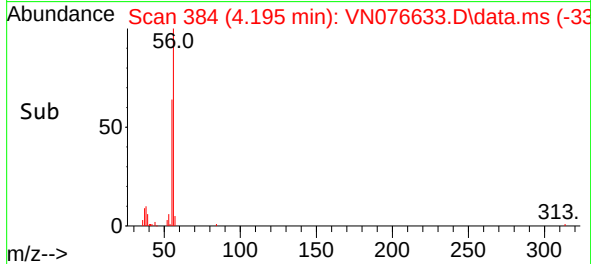
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 56 Resp: 93062
Ion Ratio Lower Upper
56 100
55 70.8 56.3 84.5

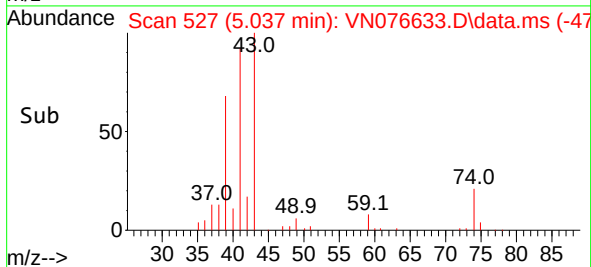
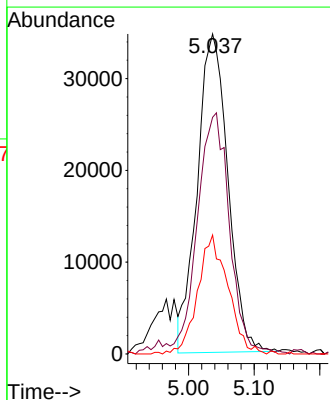
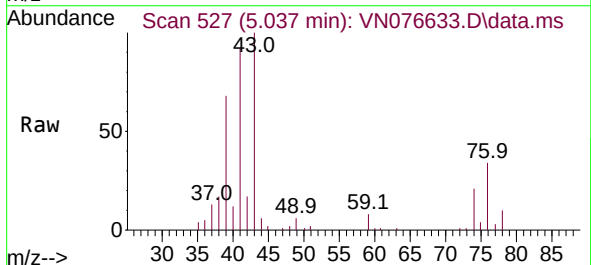
Manual Integrations
APPROVED

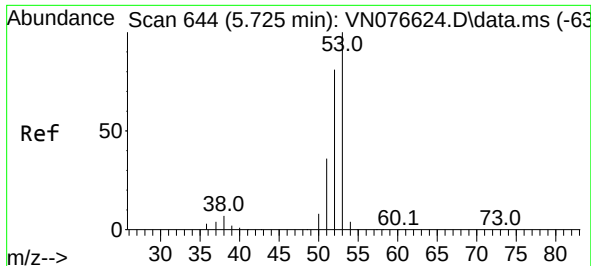
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14
Allyl chloride
Concen: 18.835 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

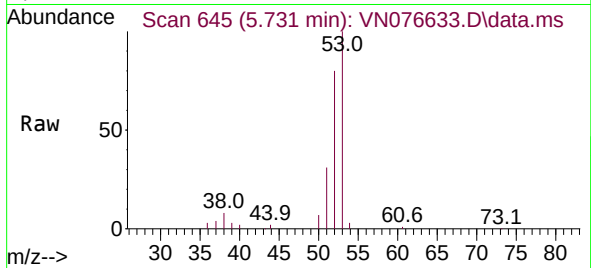
Tgt Ion: 41 Resp: 112950
Ion Ratio Lower Upper
41 100
39 78.7 62.3 93.5
76 36.7 27.0 40.6





#15
Acrylonitrile
Concen: 100.588 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

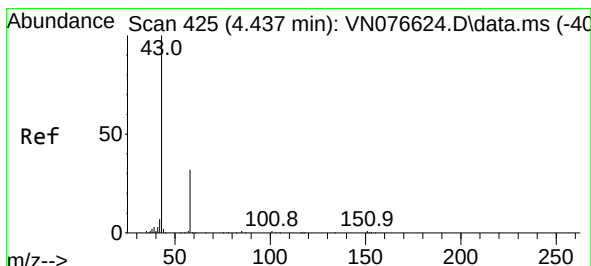
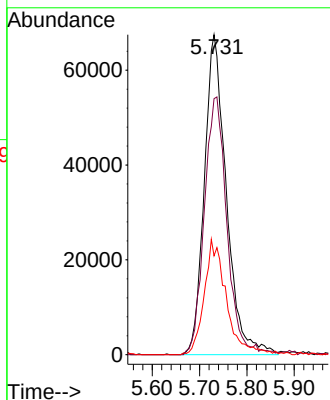
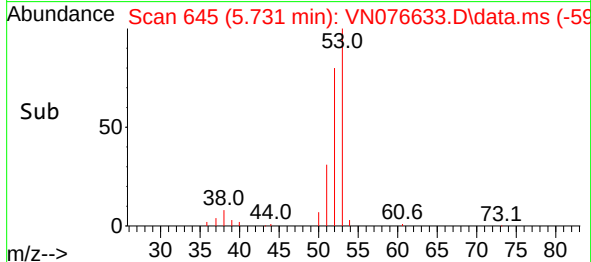
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 53 Resp: 218174
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.2 29.2 43.8

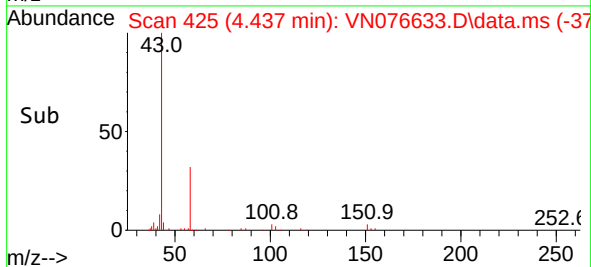
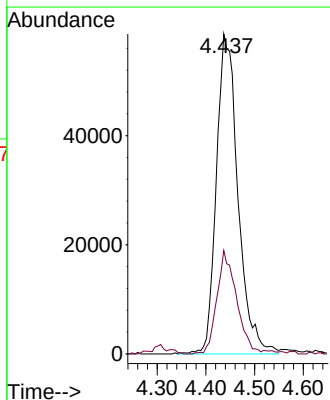
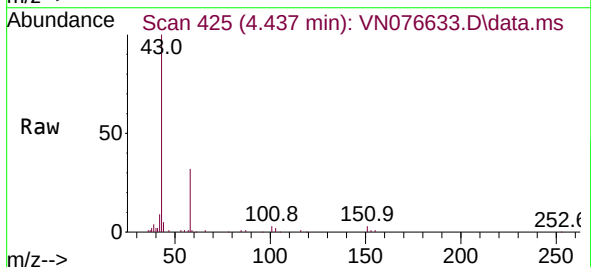
Manual Integrations
APPROVED

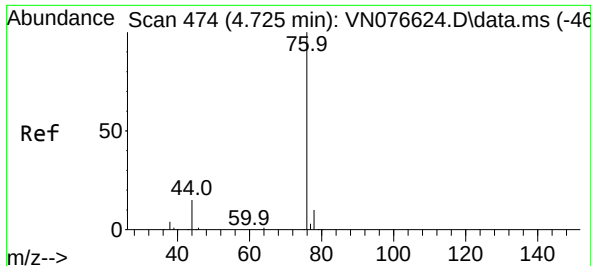
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 87.415 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

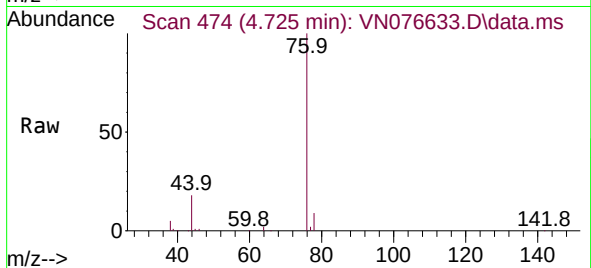
Tgt Ion: 43 Resp: 180795
Ion Ratio Lower Upper
43 100
58 31.9 25.9 38.9





#17
Carbon Disulfide
Concen: 19.076 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

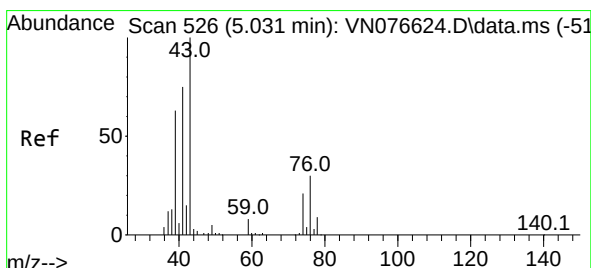
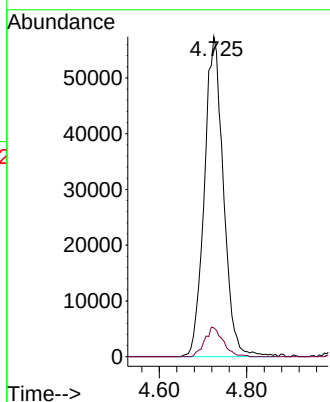
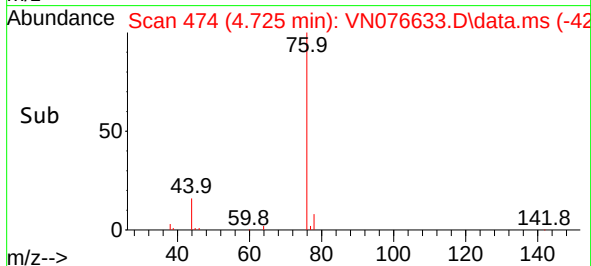
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



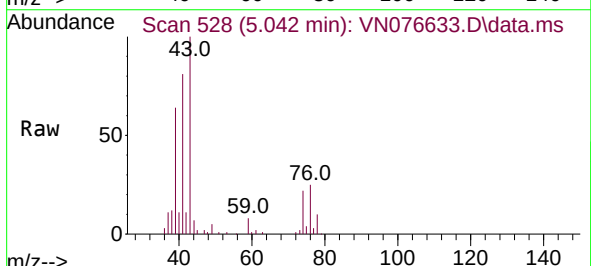
Tgt Ion: 76 Resp: 17431
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

Manual Integrations
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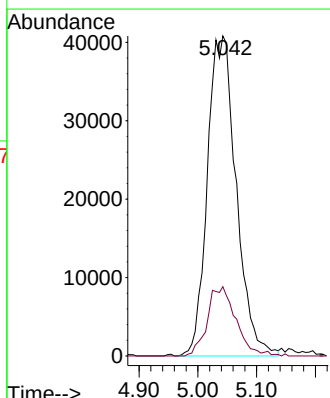
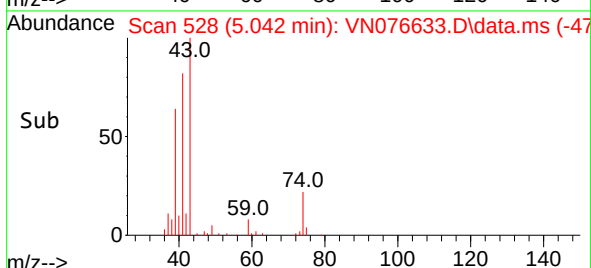
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

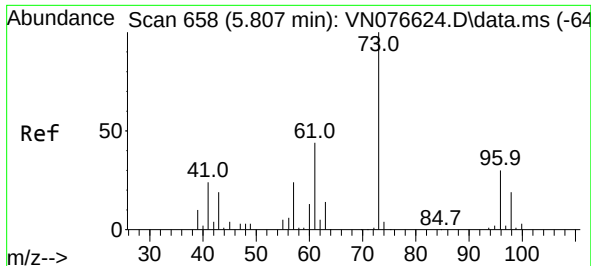


#18
Methyl Acetate
Concen: 20.576 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



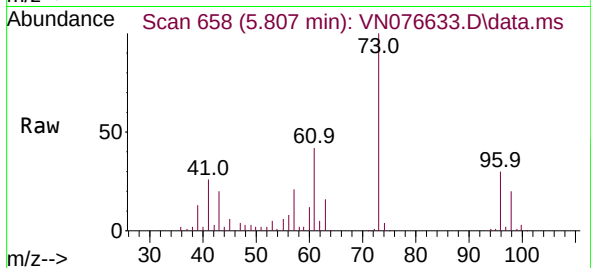
Tgt Ion: 43 Resp: 138908
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 20.580 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

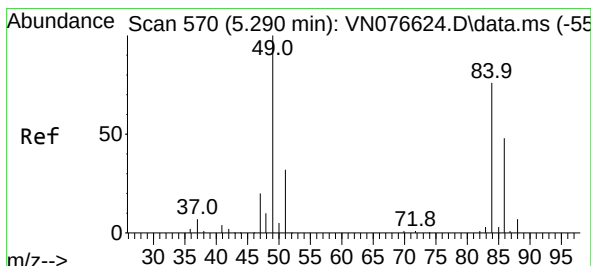
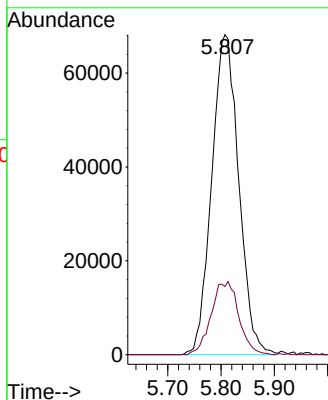
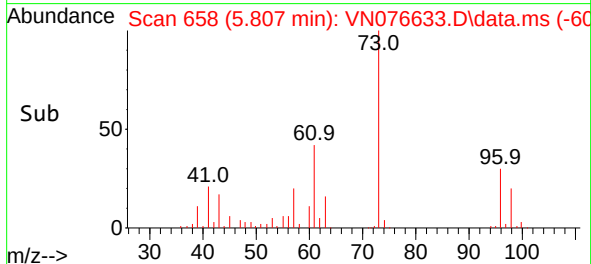
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 73 Resp: 240140
Ion Ratio Lower Upper
73 100
57 21.3 19.0 28.4

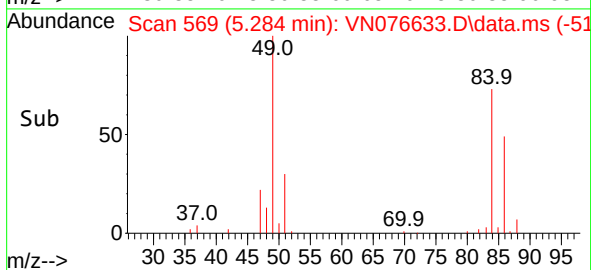
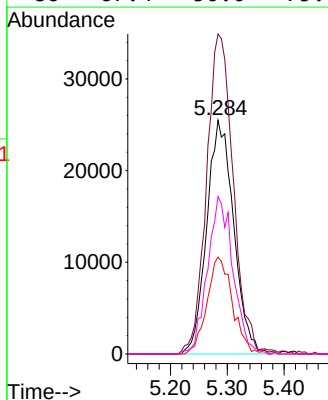
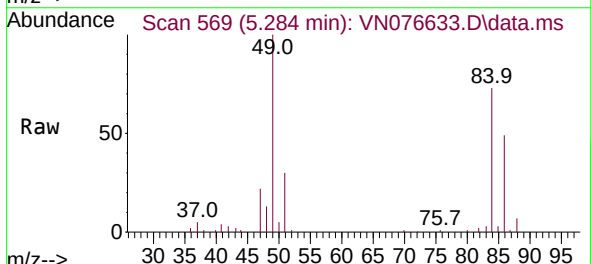
Manual Integrations
APPROVED

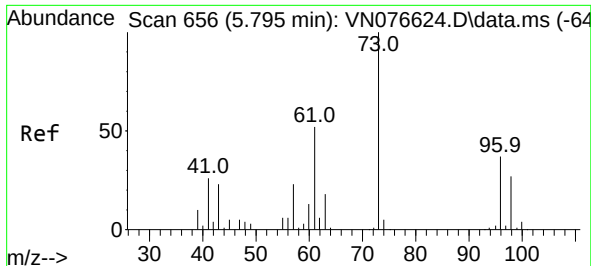
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 19.392 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

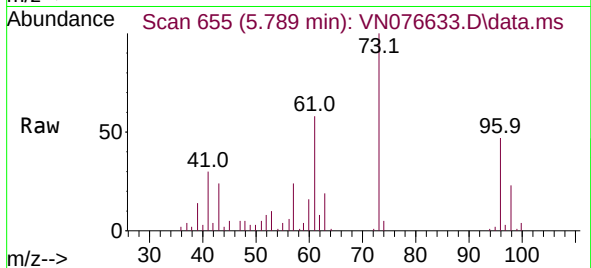
Tgt Ion: 84 Resp: 84058
Ion Ratio Lower Upper
84 100
49 136.9 104.9 157.3
51 41.4 33.8 50.8
86 67.4 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 18.602 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

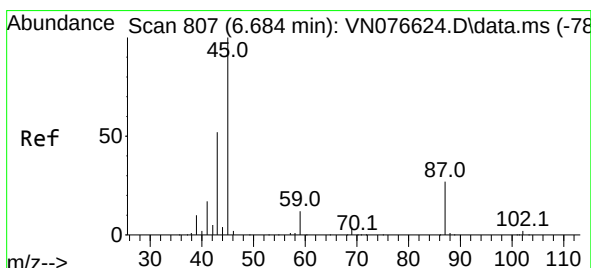
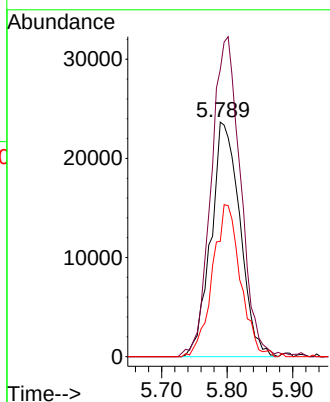
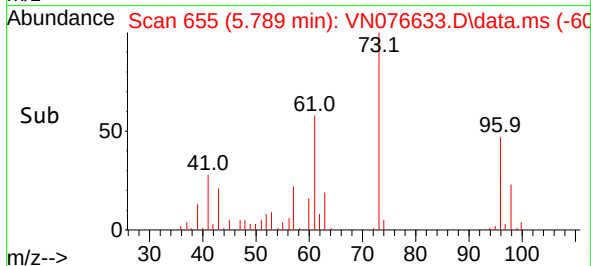
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 96 Resp: 7247
Ion Ratio Lower Upper
96 100
61 122.4 113.9 170.9
98 49.2 59.4 89.0

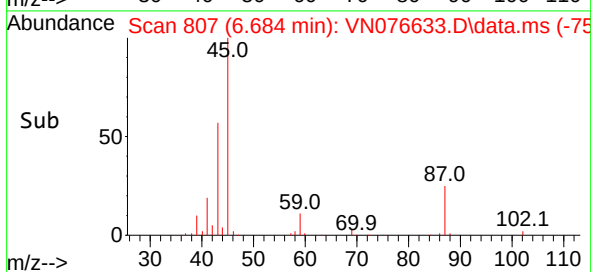
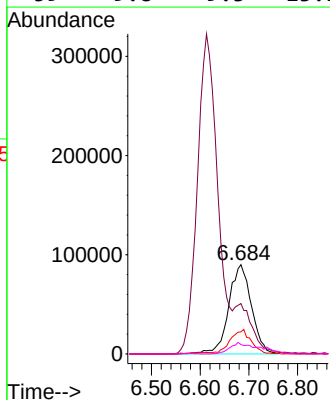
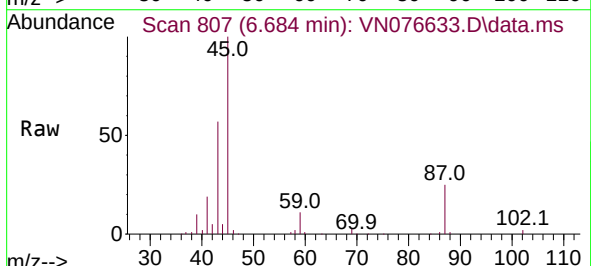
Manual Integrations
APPROVED

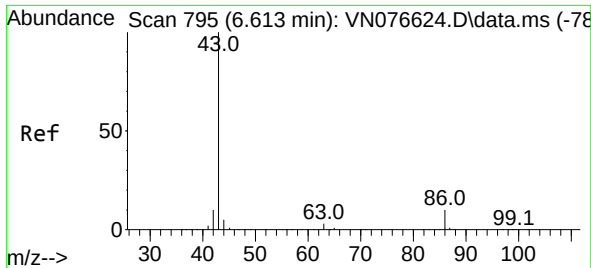
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#22
Diisopropyl ether
Concen: 20.707 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 45 Resp: 291260
Ion Ratio Lower Upper
45 100
43 55.2 41.8 62.6
87 24.5 21.8 32.8
59 9.8 9.3 13.9





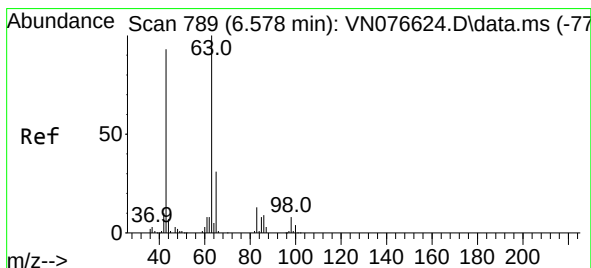
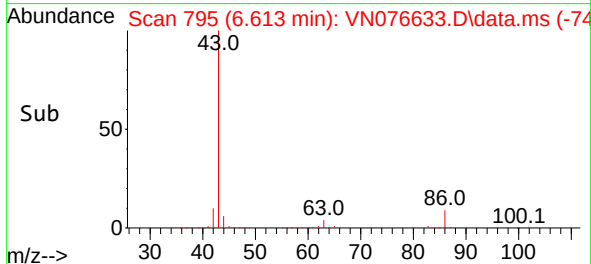
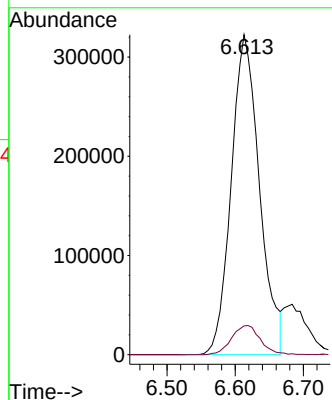
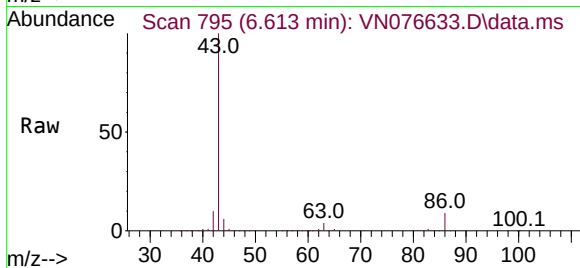
#23
 Vinyl Acetate
 Concen: 111.690 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076633.D
 Acq: 13 Feb 2023 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBSD01

Tgt Ion: 43 Resp: 929500
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.2 12.2

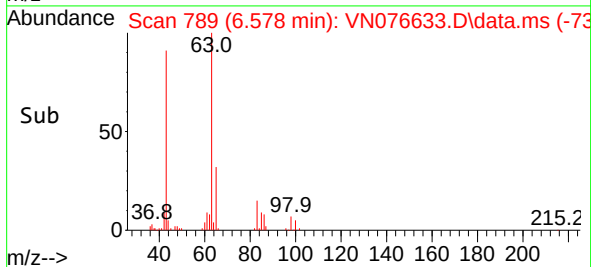
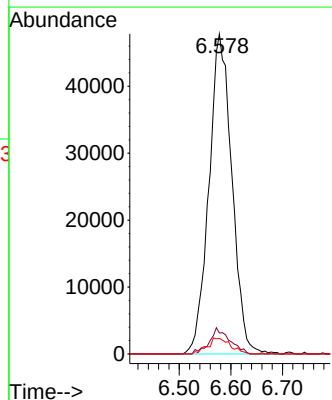
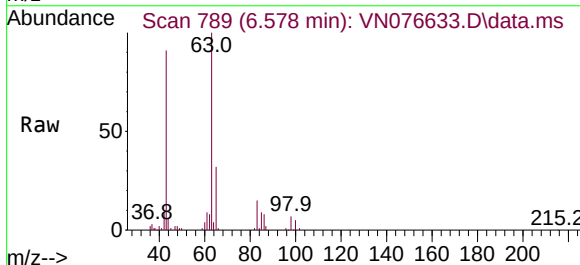
Manual Integrations
 APPROVED

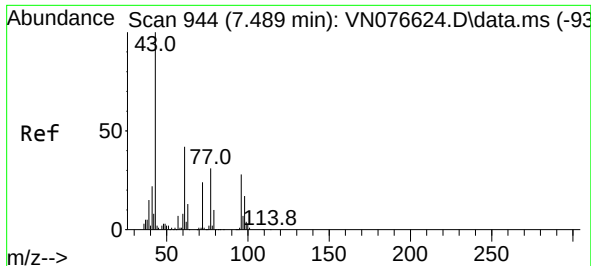
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 19.157 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076633.D
 Acq: 13 Feb 2023 17:31

Tgt Ion: 63 Resp: 147678
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.1 12.3
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 97.830 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 43 Resp: 298462

Ion Ratio Lower Upper

43 100

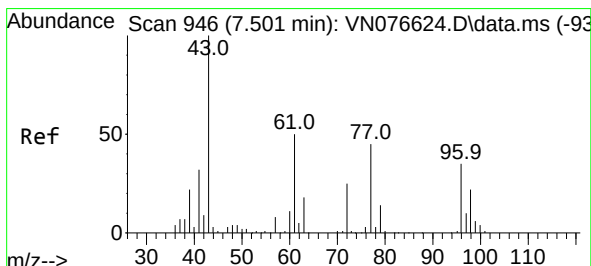
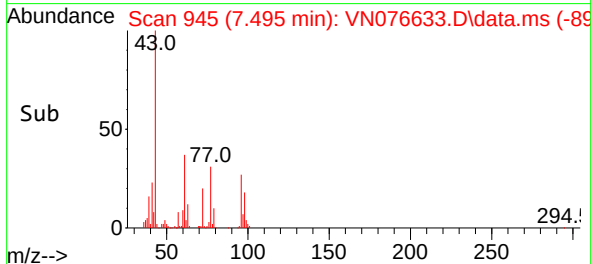
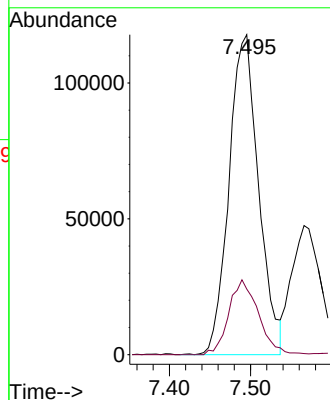
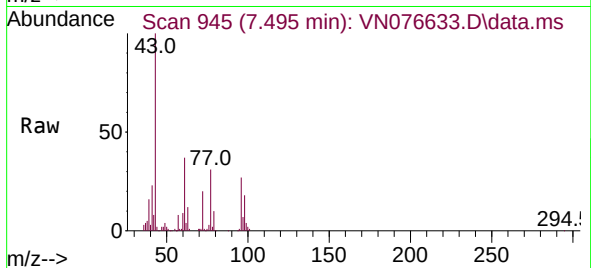
72 20.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#26

2,2-Dichloropropane

Concen: 18.862 ug/l

RT: 7.501 min Scan# 946

Delta R.T. -0.000 min

Lab File: VN076633.D

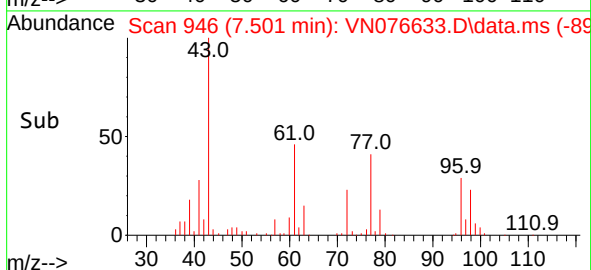
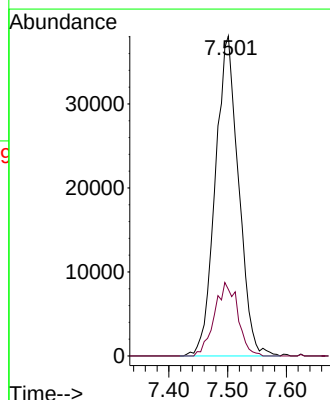
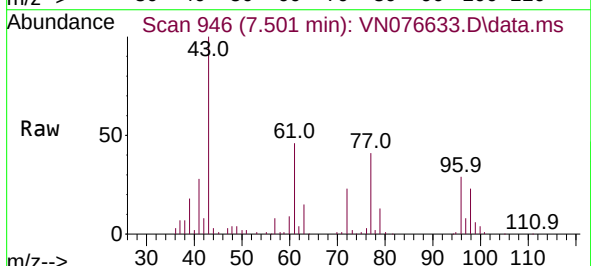
Acq: 13 Feb 2023 17:31

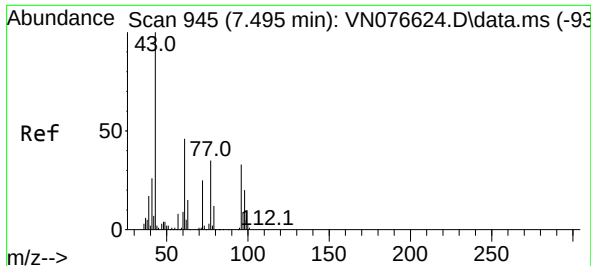
Tgt Ion: 77 Resp: 104877

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 18.533 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN076633.D

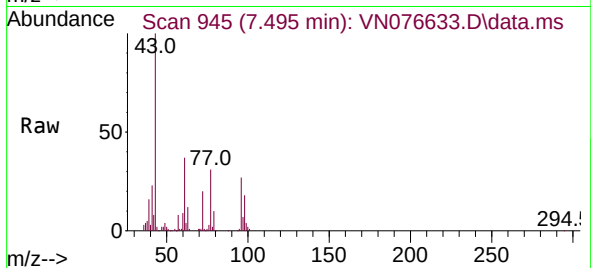
Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01



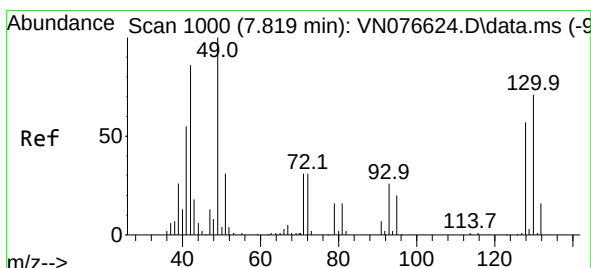
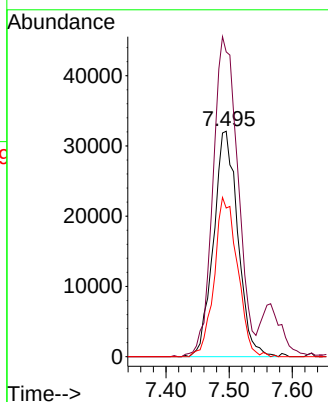
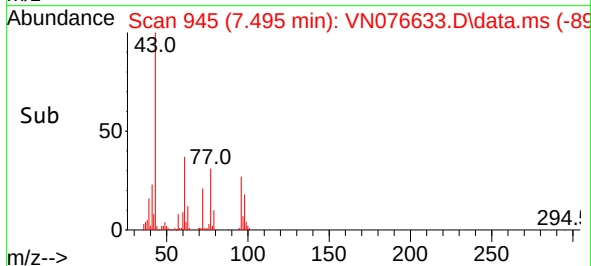
Tgt Ion:	96	Resp:	85640
Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	286.8
98	67.9	0.0	124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#28

Bromochloromethane

Concen: 17.981 ug/l

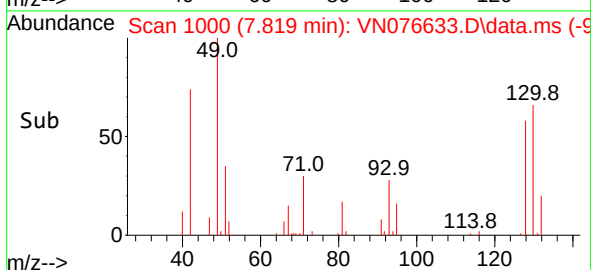
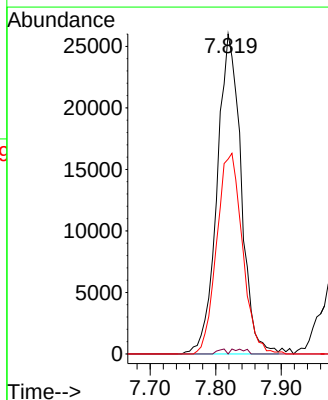
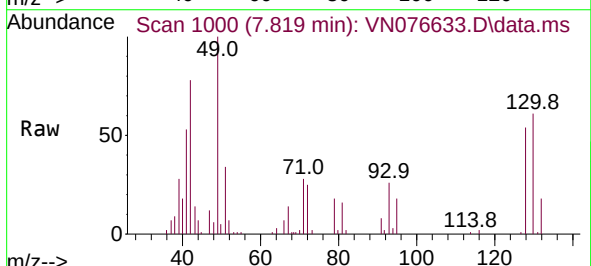
RT: 7.819 min Scan# 1000

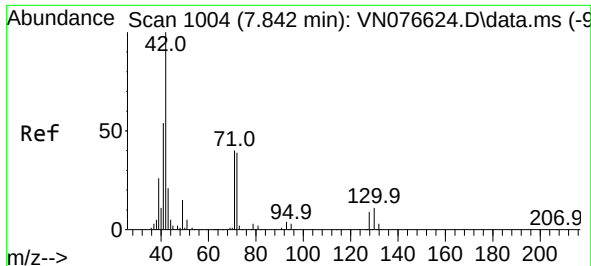
Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Tgt Ion:	49	Resp:	65972
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.0
130	67.2	57.8	86.8





#29

Tetrahydrofuran

Concen: 99.222 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076633.D

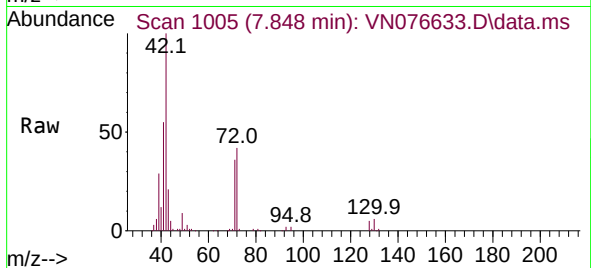
Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01



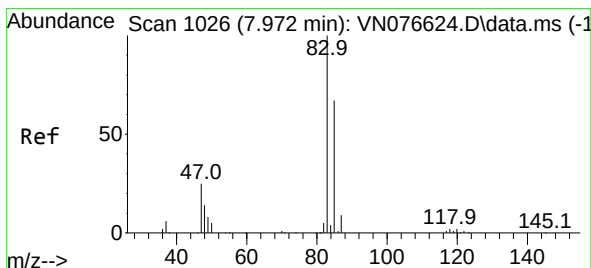
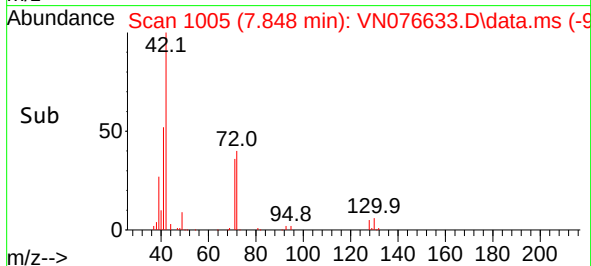
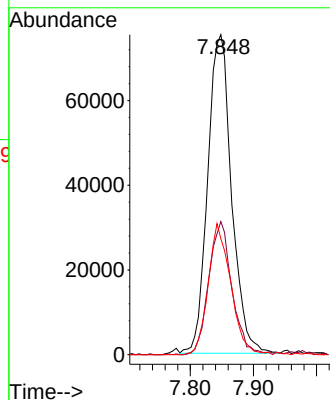
Tgt Ion:	42	Resp:	19777
Ion Ratio	Lower	Upper	
42	100		
72	40.3	31.5	47.3
71	38.7	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 19.337 ug/l

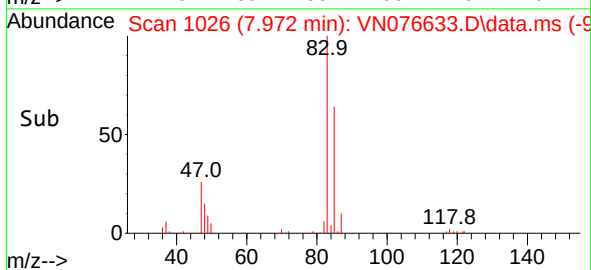
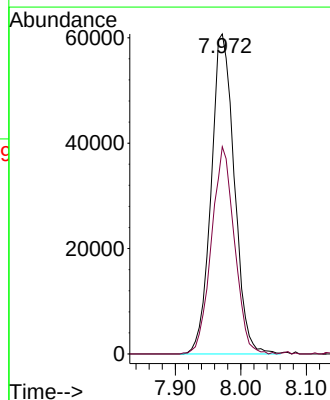
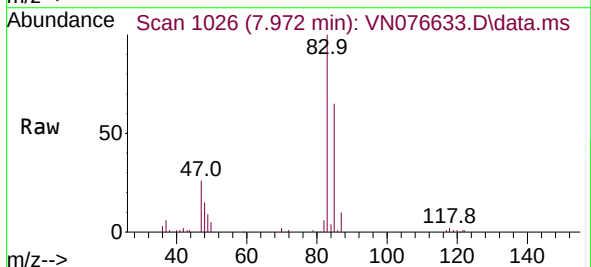
RT: 7.972 min Scan# 1026

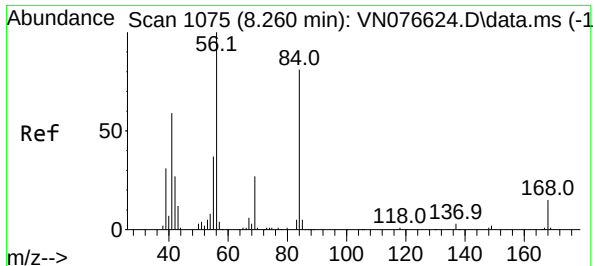
Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

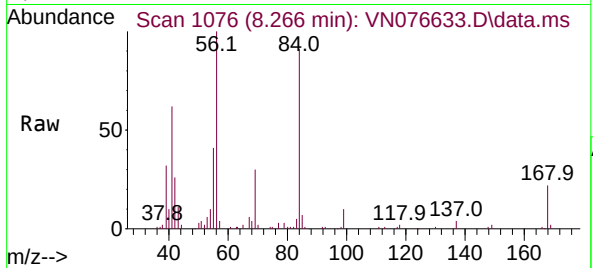
Tgt Ion:	83	Resp:	148931
Ion Ratio	Lower	Upper	
83	100		
85	64.8	53.5	80.3





#31
Cyclohexane
Concen: 19.812 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

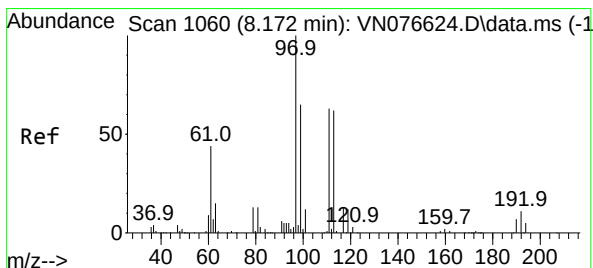
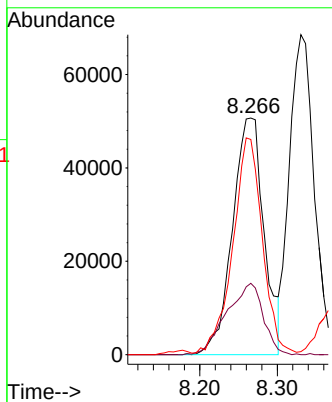
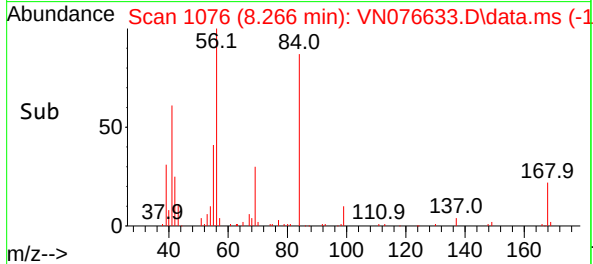
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 56 Resp: 143890
Ion Ratio Lower Upper
56 100
69 29.4 21.6 32.4
84 89.4 65.1 97.7

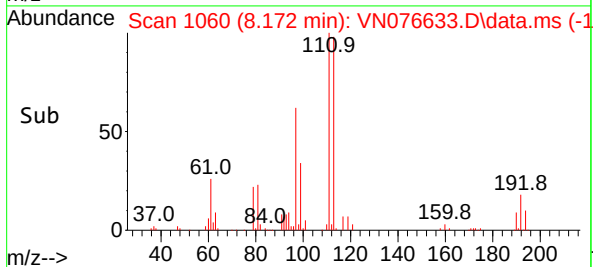
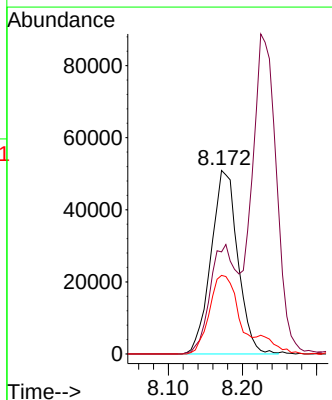
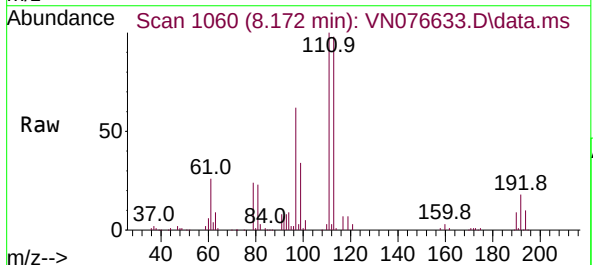
Manual Integrations
APPROVED

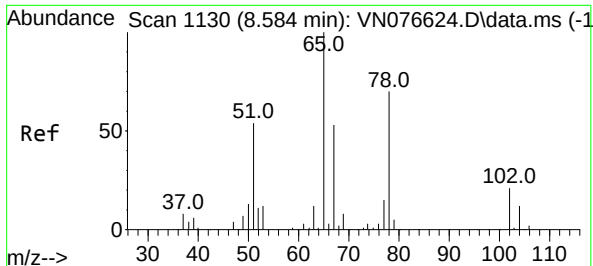
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#32
1,1,1-Trichloroethane
Concen: 19.715 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 97 Resp: 127673
Ion Ratio Lower Upper
97 100
99 58.3 51.2 76.8
61 46.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.063 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 65 Resp: 245689

Ion Ratio Lower Upper

65 100

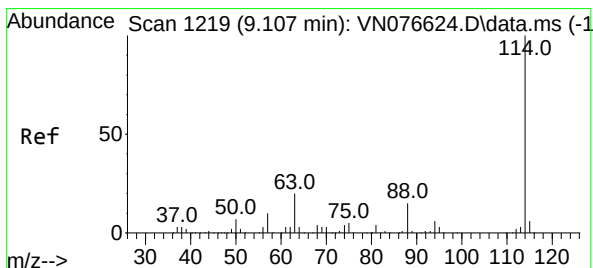
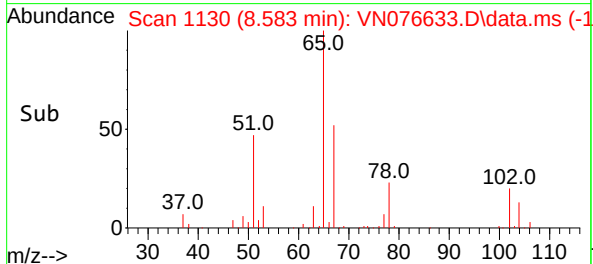
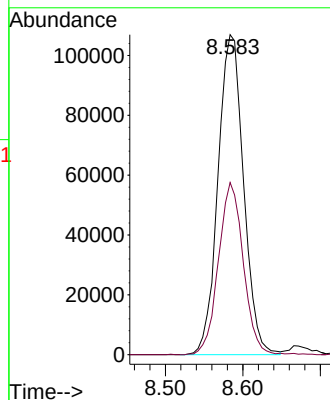
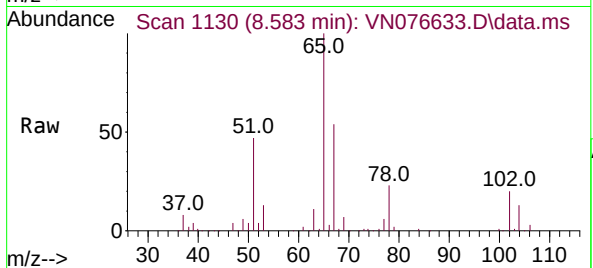
67 52.3 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

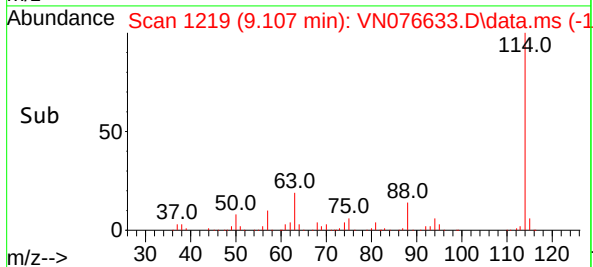
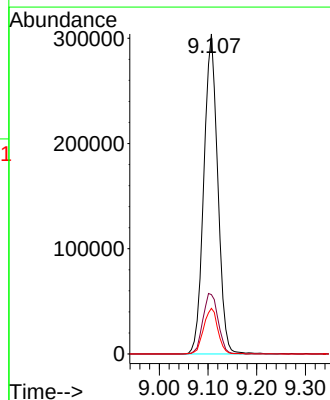
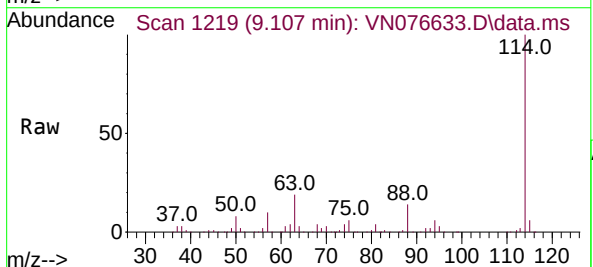
Tgt Ion:114 Resp: 602051

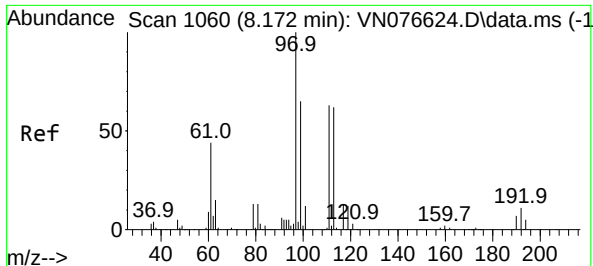
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.111 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 113 Resp: 19363

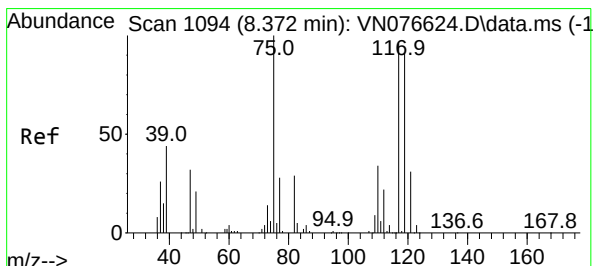
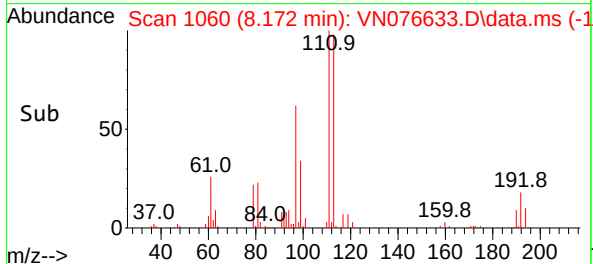
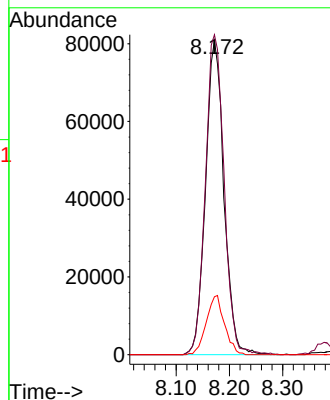
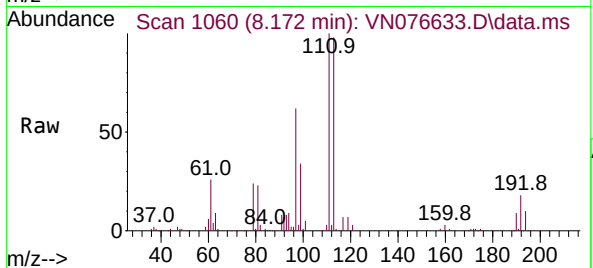
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	18.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#36

1,1-Dichloropropene

Concen: 19.091 ug/l

RT: 8.378 min Scan# 1095

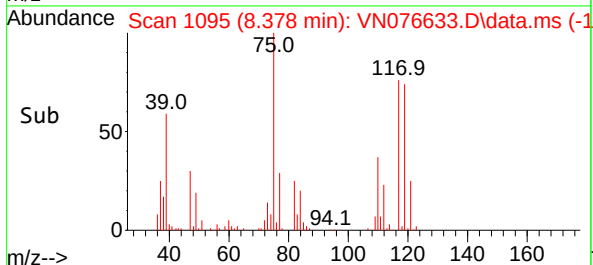
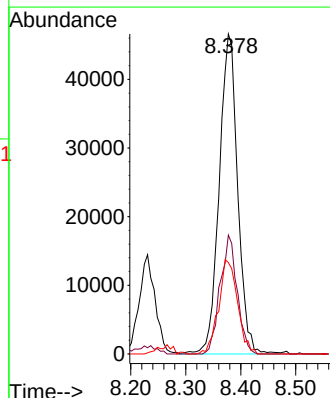
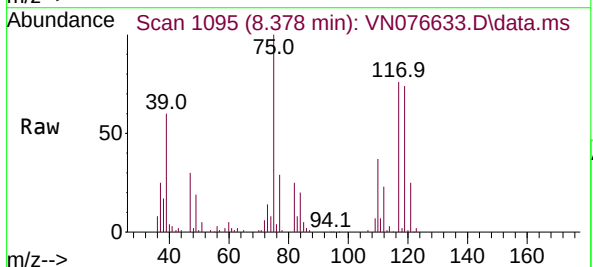
Delta R.T. 0.006 min

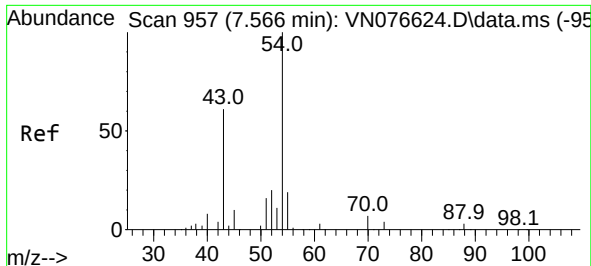
Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Tgt Ion: 75 Resp: 108755

Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.5	52.5
77	30.2	24.5	36.7





#37

Ethyl Acetate

Concen: 20.607 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 43 Resp: 123510

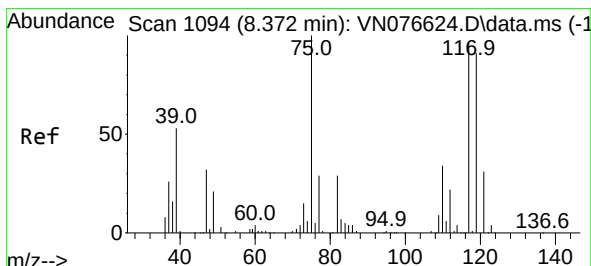
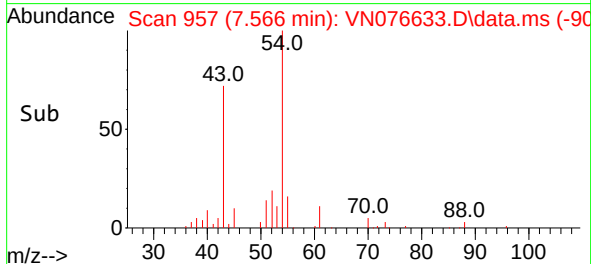
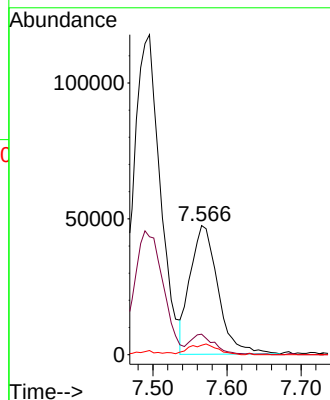
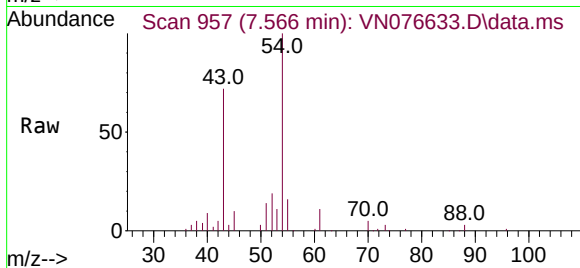
Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.9	14.9
70	8.3	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#38

Carbon Tetrachloride

Concen: 18.851 ug/l

RT: 8.366 min Scan# 1093

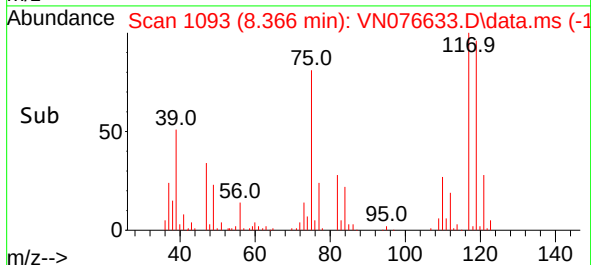
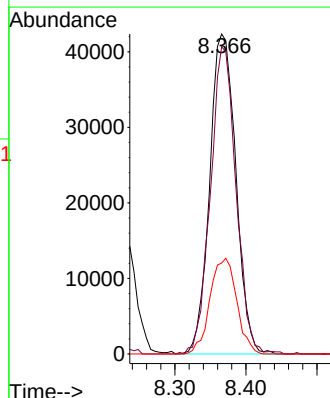
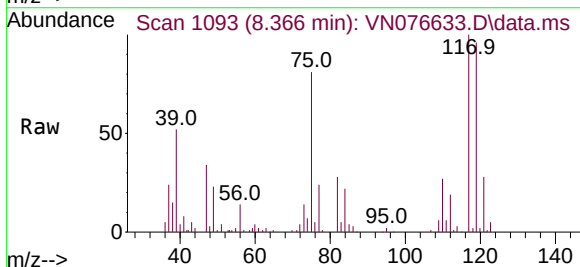
Delta R.T. -0.006 min

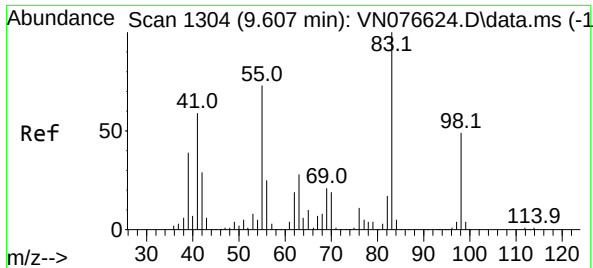
Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Tgt Ion:117 Resp: 108330

Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.4	113.0
121	28.4	26.0	39.0





#39

Methylcyclohexane

Concen: 19.962 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 83 Resp: 129260

Ion Ratio Lower Upper

83 100

55 72.1 58.6 88.0

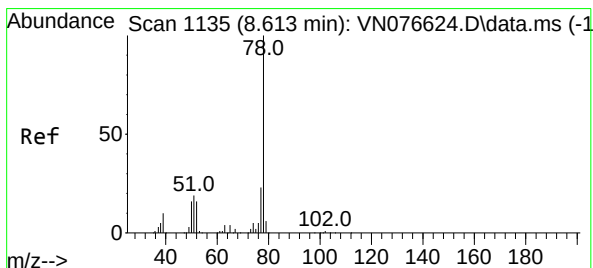
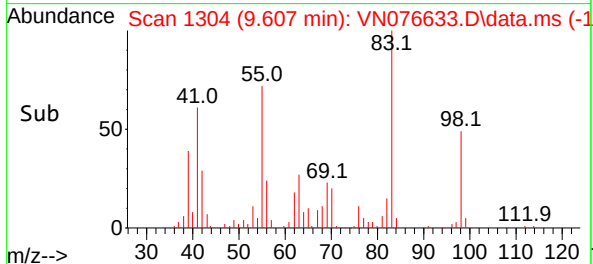
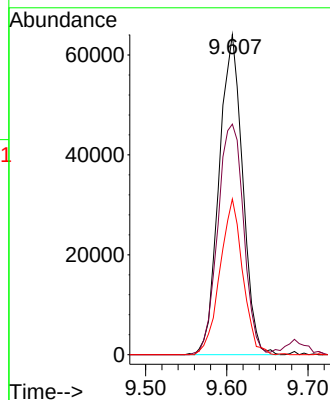
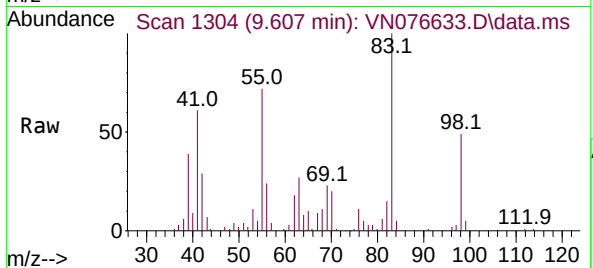
98 48.6 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 19.464 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076633.D

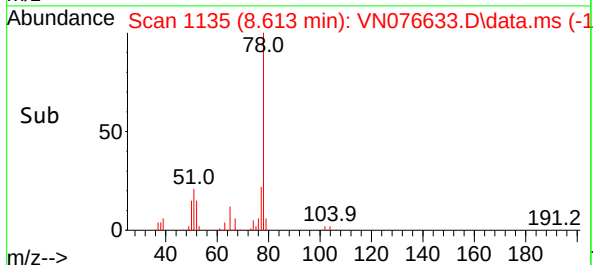
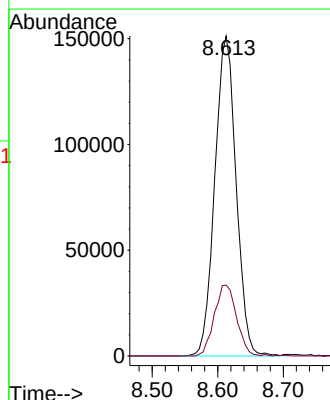
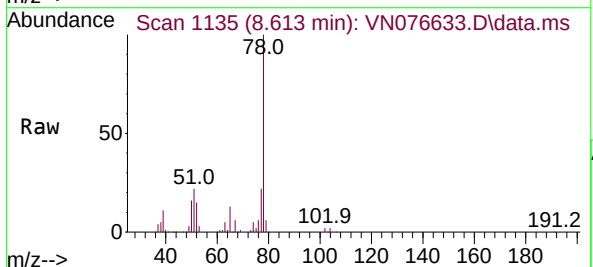
Acq: 13 Feb 2023 17:31

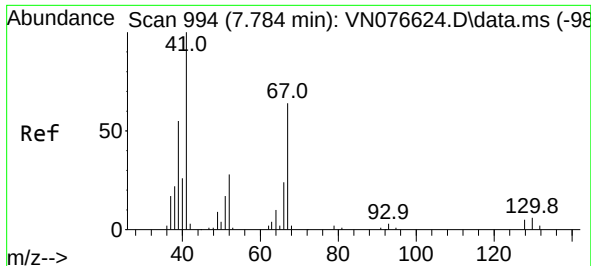
Tgt Ion: 78 Resp: 340493

Ion Ratio Lower Upper

78 100

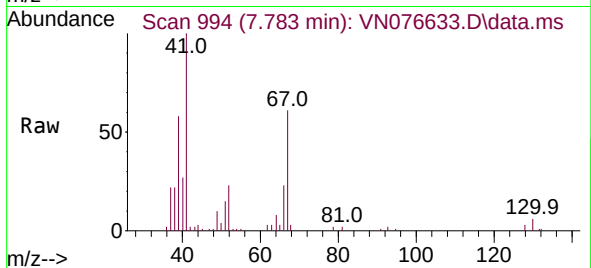
77 22.2 18.2 27.4





#41
Methacrylonitrile
Concen: 19.777 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

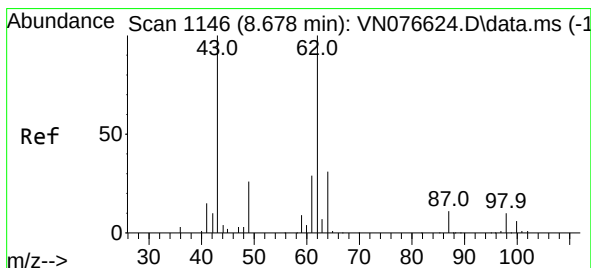
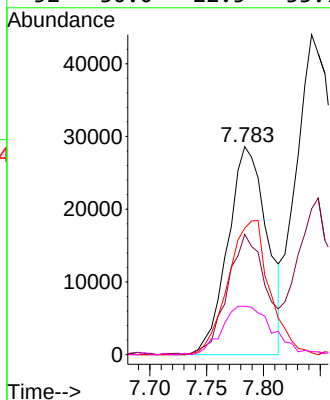
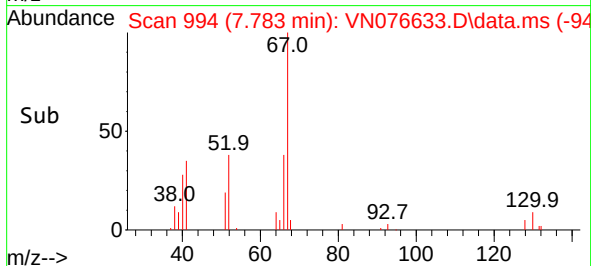
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 41 Resp: 68669
Ion Ratio Lower Upper
41 100
39 56.8 42.6 63.8
67 67.9 51.4 77.0
52 30.0 22.5 33.7

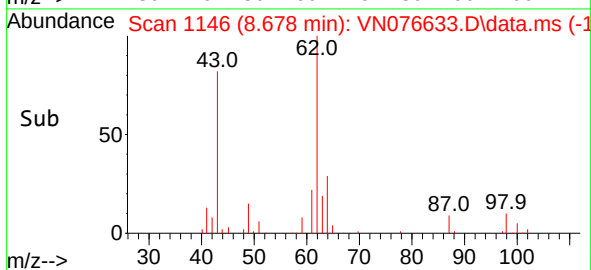
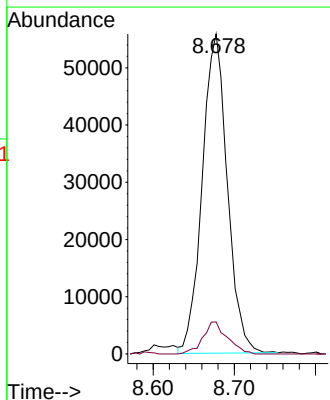
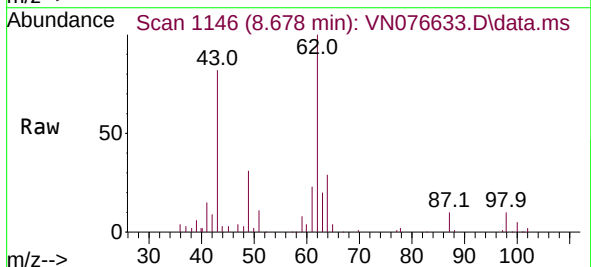
Manual Integrations
APPROVED

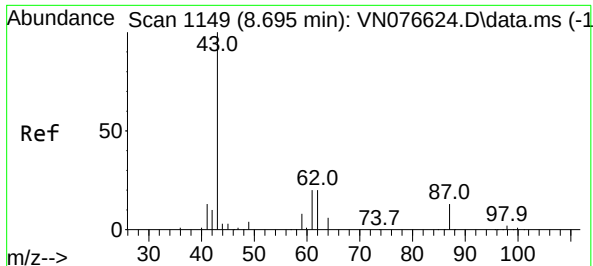
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42
1,2-Dichloroethane
Concen: 19.650 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

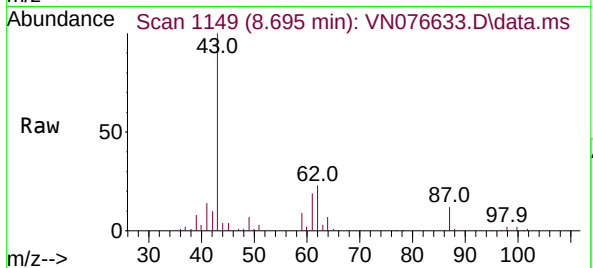
Tgt Ion: 62 Resp: 119889
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 20.984 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

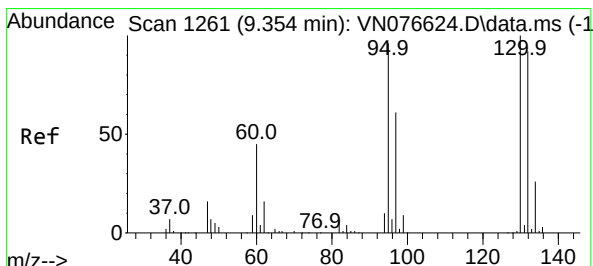
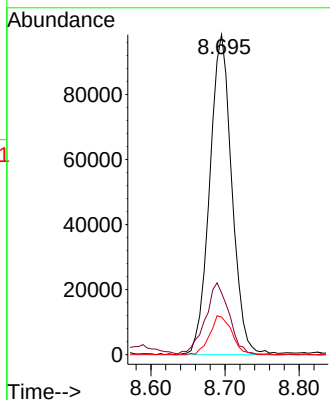
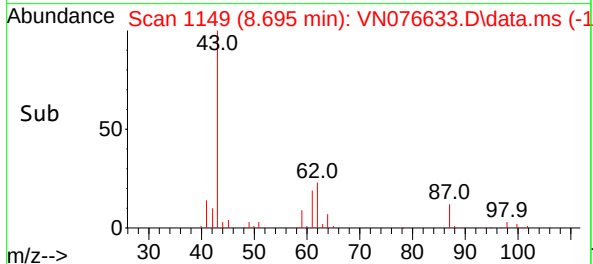
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



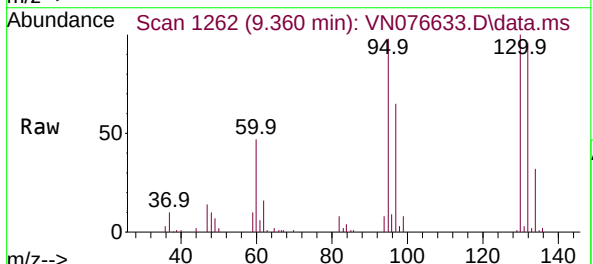
Tgt Ion: 43 Resp: 204650
Ion Ratio Lower Upper
43 100
61 24.3 20.0 30.0
87 12.1 9.9 14.9

Manual Integrations
APPROVED

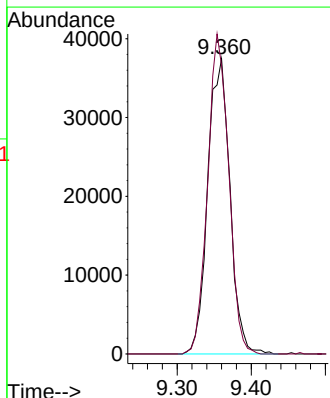
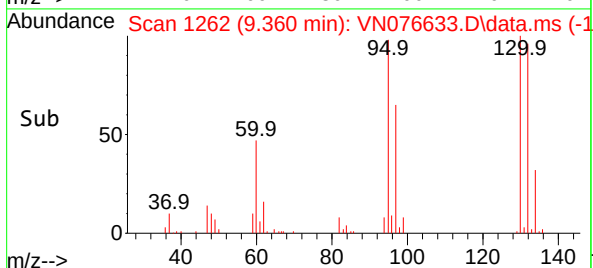
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

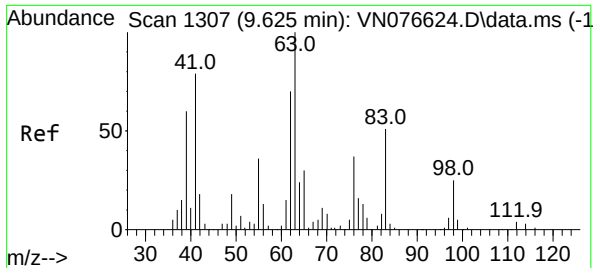


#44
Trichloroethene
Concen: 18.896 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion:130 Resp: 78116
Ion Ratio Lower Upper
130 100
95 97.6 0.0 191.4





#45

1,2-Dichloropropane

Concen: 19.572 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 63 Resp: 90630

Ion Ratio Lower Upper

63 100

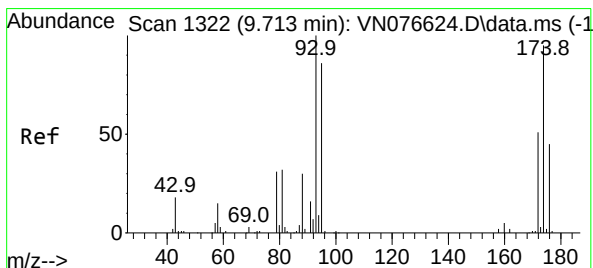
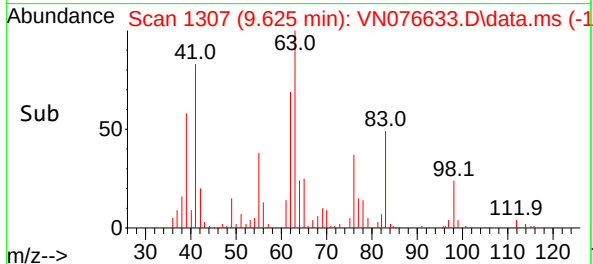
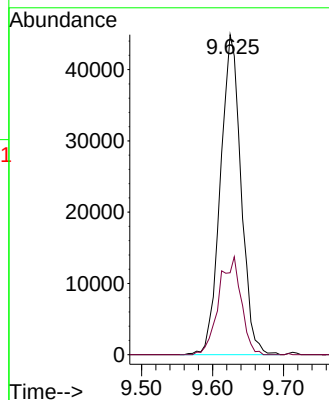
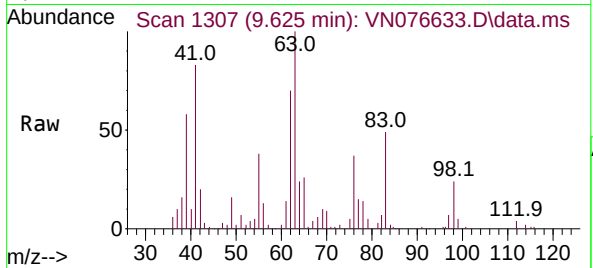
65 25.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 19.630 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

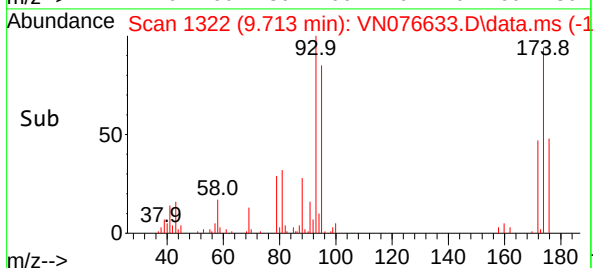
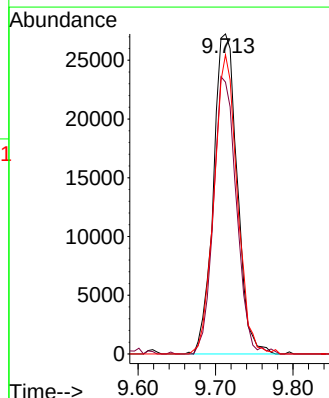
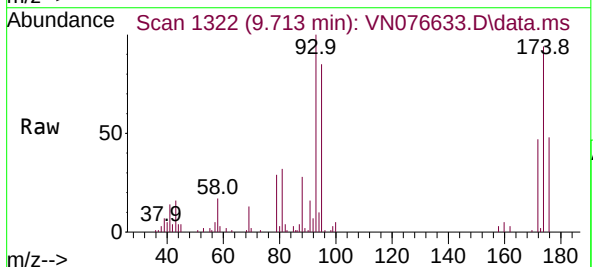
Tgt Ion: 93 Resp: 58115

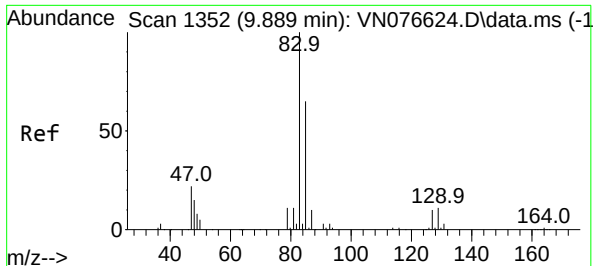
Ion Ratio Lower Upper

93 100

95 83.5 66.0 99.0

174 91.4 75.8 113.8





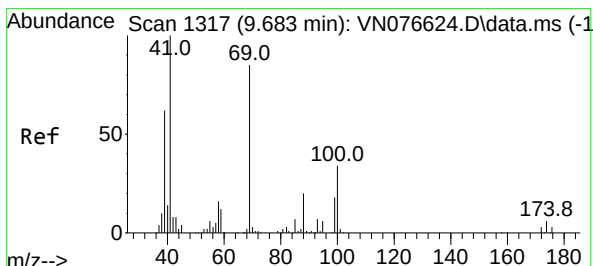
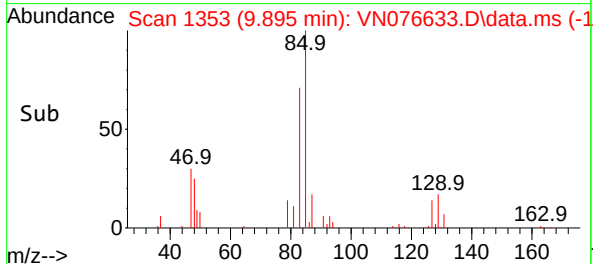
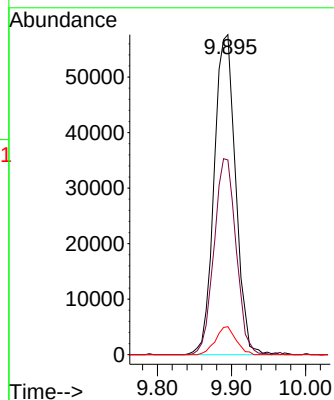
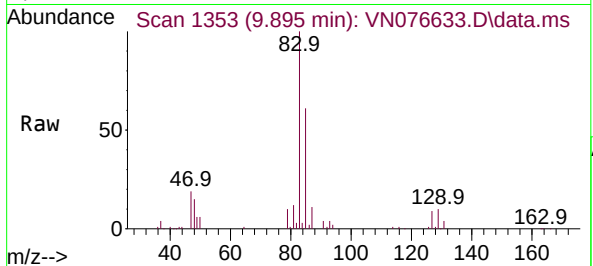
#47
Bromodichloromethane
Concen: 19.548 ug/l
RT: 9.895 min Scan# 116029
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion: 83 Resp: 116029
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.6
127 8.7 7.9 11.9

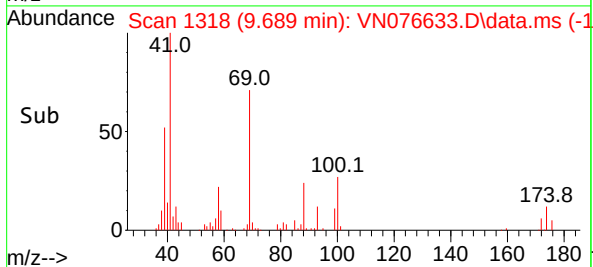
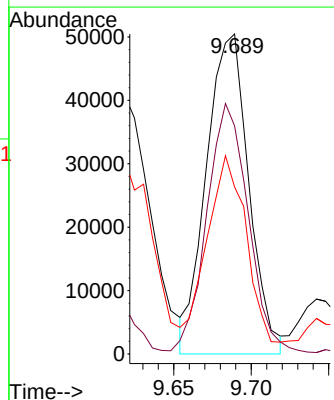
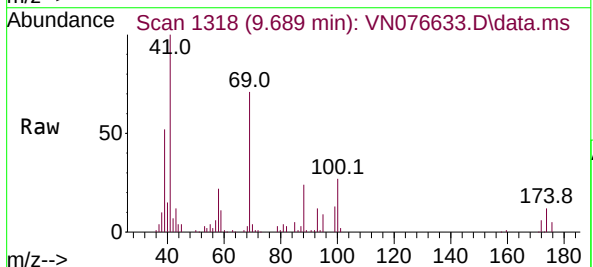
Manual Integrations
APPROVED

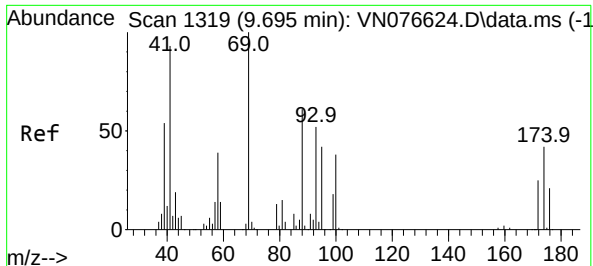
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 20.761 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 41 Resp: 96083
Ion Ratio Lower Upper
41 100
69 76.1 65.4 98.0
39 59.7 49.3 73.9





#49

1,4-Dioxane

Concen: 399.784 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBSD01

Tgt Ion: 88 Resp: 3200

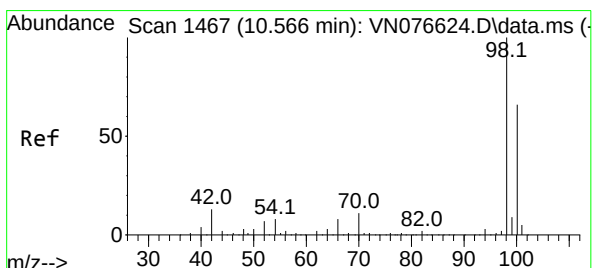
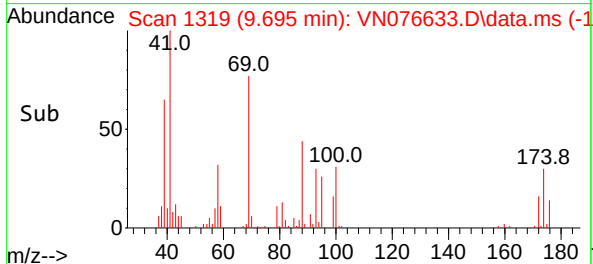
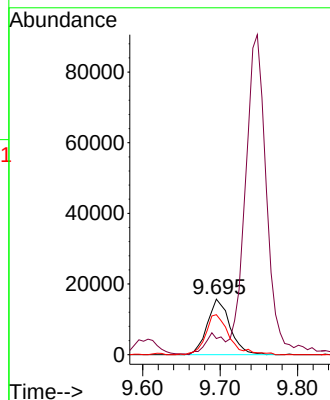
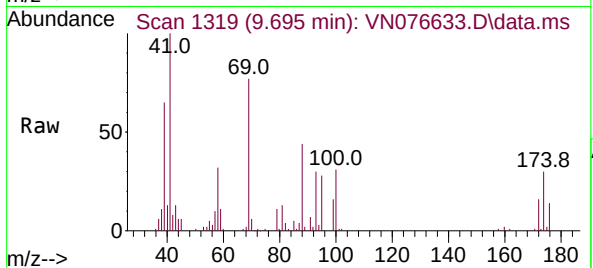
Ion	Ratio	Lower	Upper
88	100		
43	28.2	22.6	33.8
58	74.8	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 50.878 ug/l

RT: 10.572 min Scan# 1468

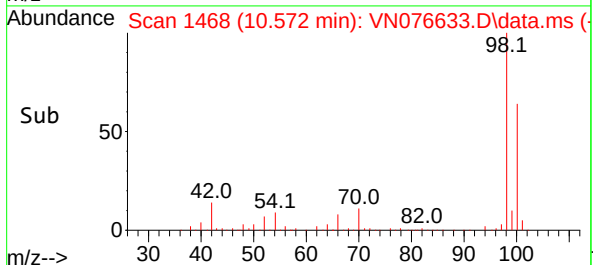
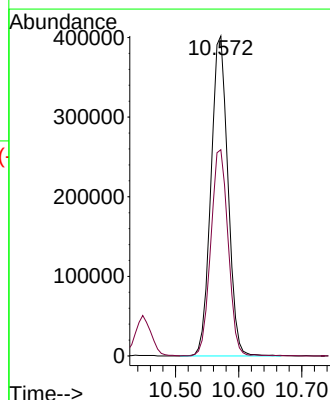
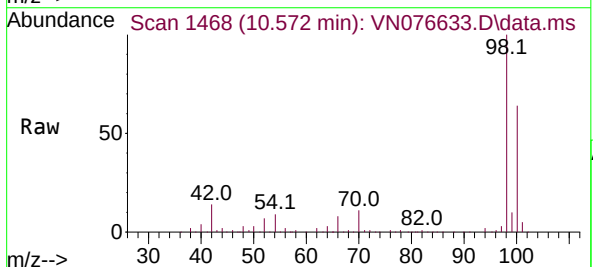
Delta R.T. 0.006 min

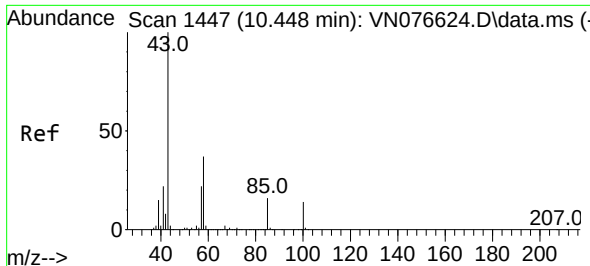
Lab File: VN076633.D

Acq: 13 Feb 2023 17:31

Tgt Ion: 98 Resp: 749146

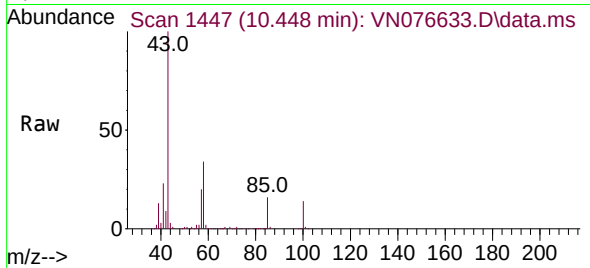
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 102.636 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

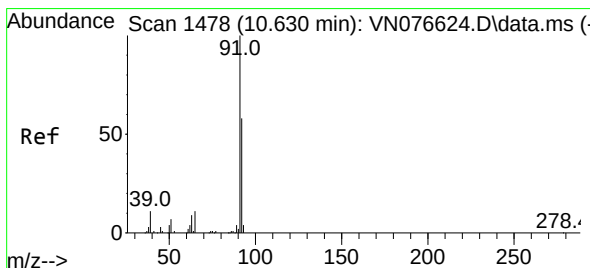
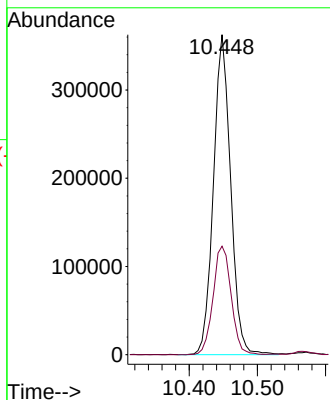
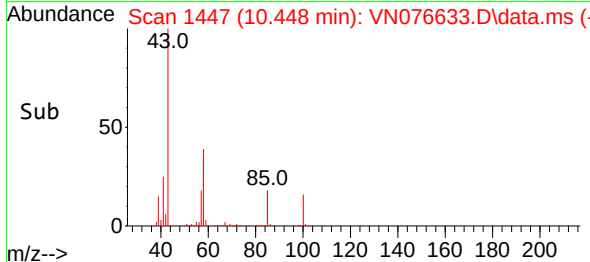
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



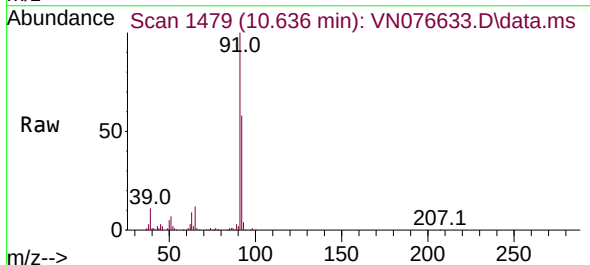
Tgt Ion: 43 Resp: 63688
Ion Ratio Lower Upper
43 100
58 35.7 29.5 44.3

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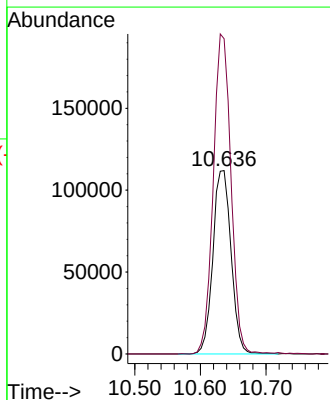
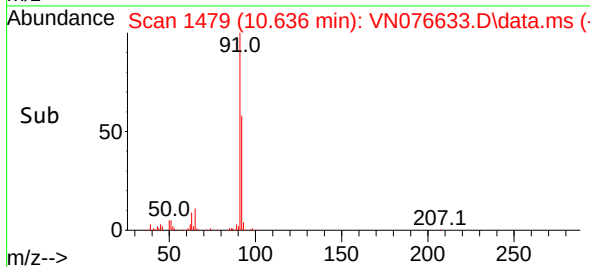
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

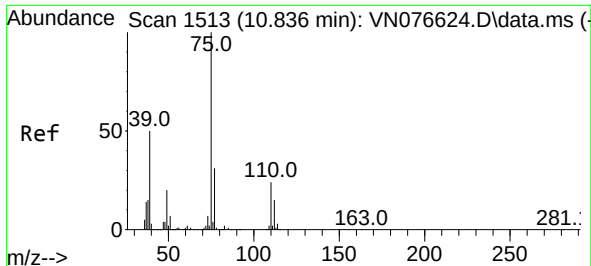


#52
Toluene
Concen: 20.367 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



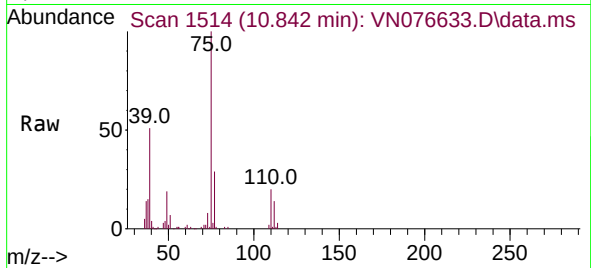
Tgt Ion: 92 Resp: 215115
Ion Ratio Lower Upper
92 100
91 170.0 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.633 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

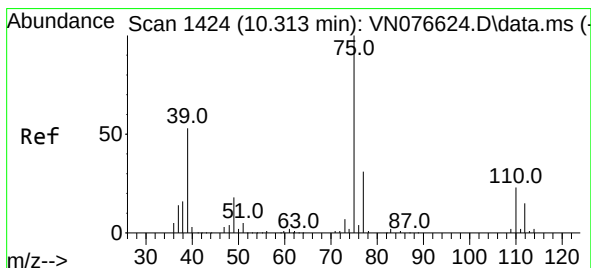
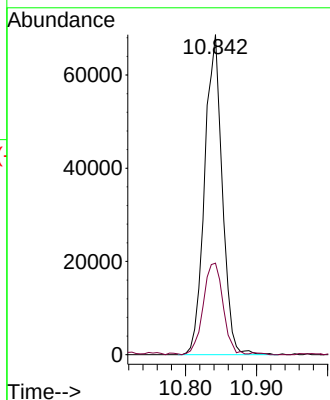
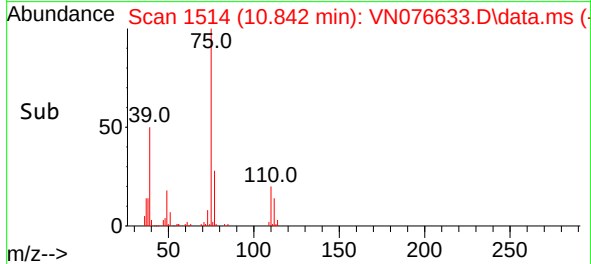
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 75 Resp: 11820
Ion Ratio Lower Upper
75 100
77 28.6 24.6 37.0

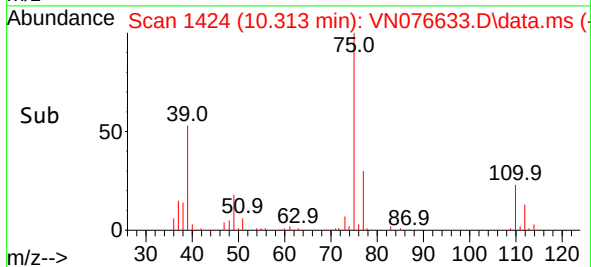
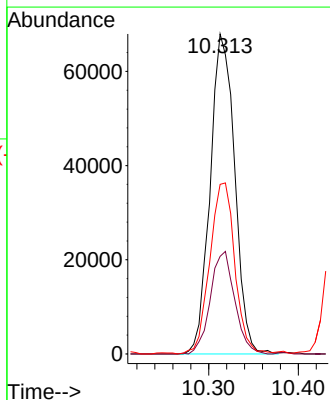
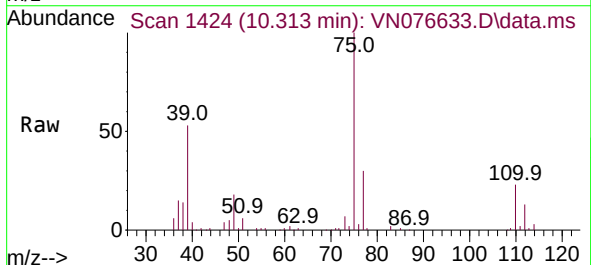
Manual Integrations
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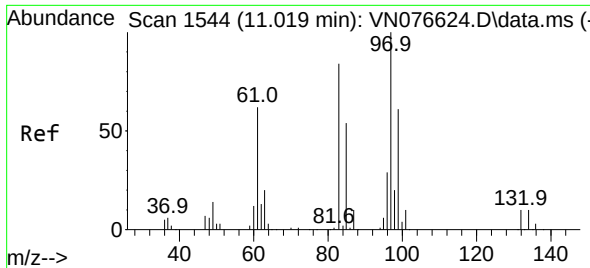
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 19.529 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

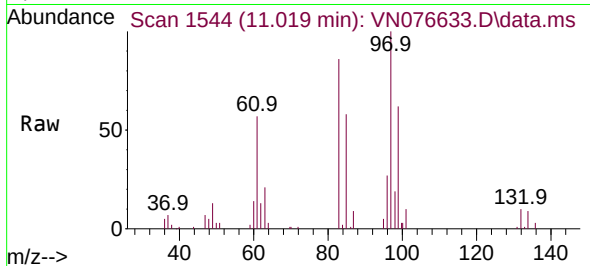
Tgt Ion: 75 Resp: 129052
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7
39 53.0 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 20.160 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

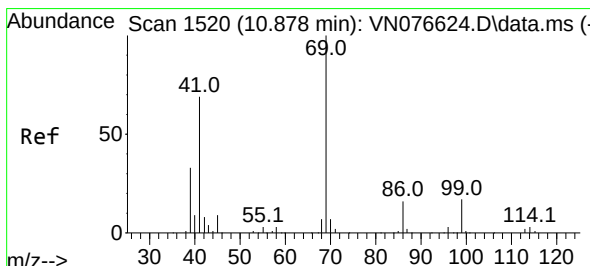
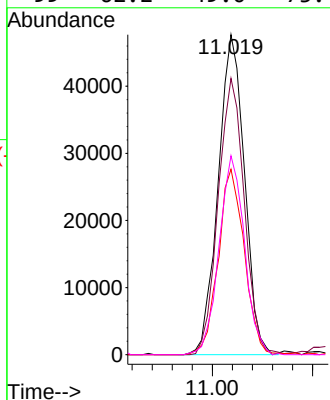
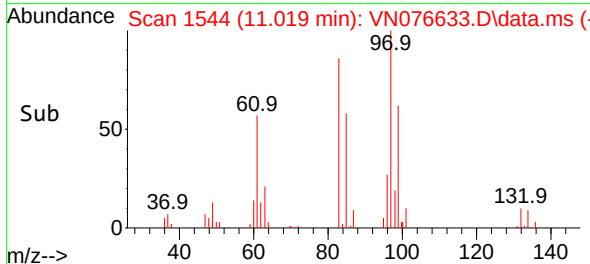


Tgt Ion: 97 Resp: 86580

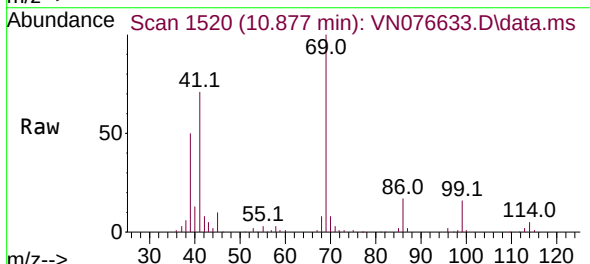
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.3	100.9
85	58.0	43.2	64.8
99	62.2	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

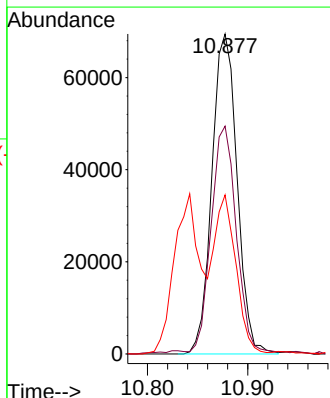
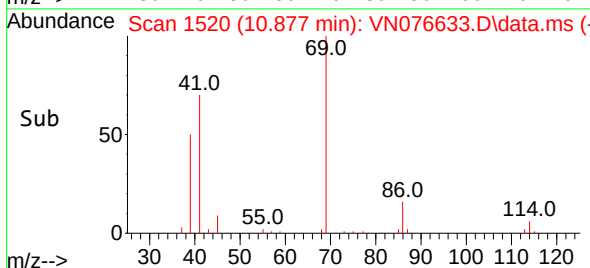


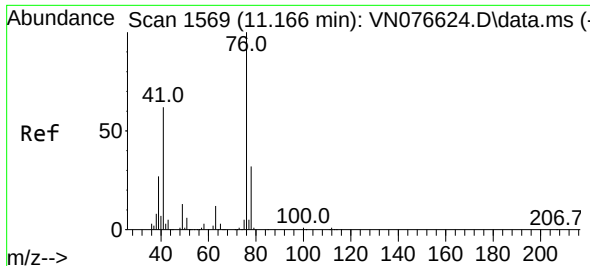
#56
Ethyl methacrylate
Concen: 20.066 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion: 69 Resp: 121303

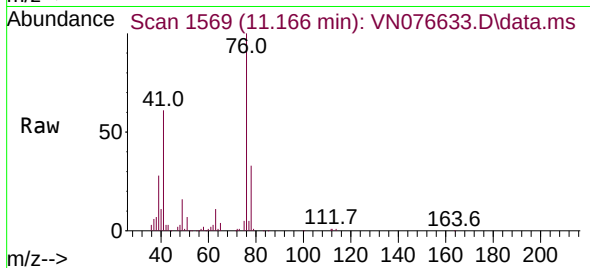
Ion	Ratio	Lower	Upper
69	100		
41	72.9	55.1	82.7
39	42.1	30.7	46.1





#57
1,3-Dichloropropane
Concen: 20.368 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

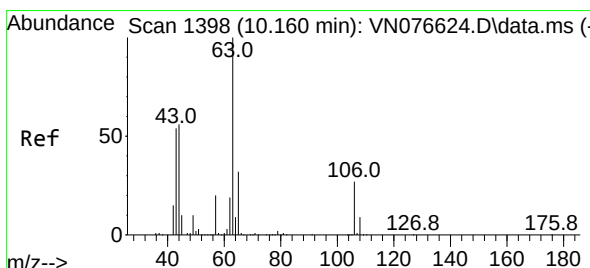
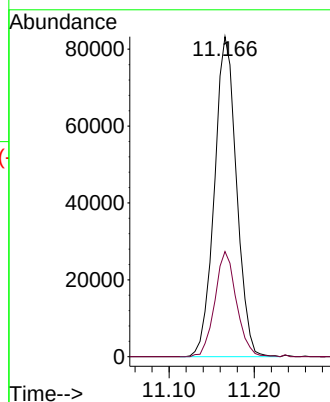
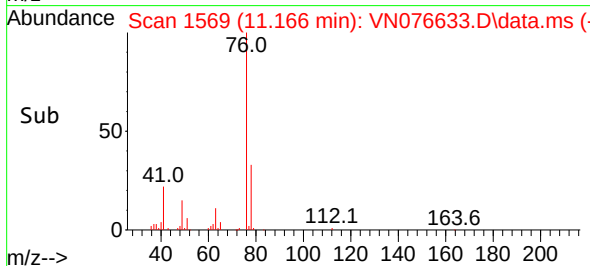
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion: 76 Resp: 150285
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

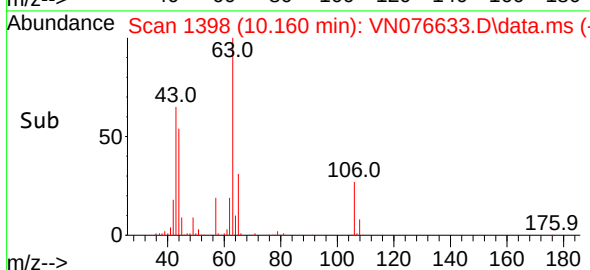
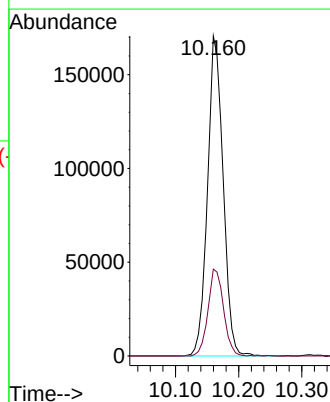
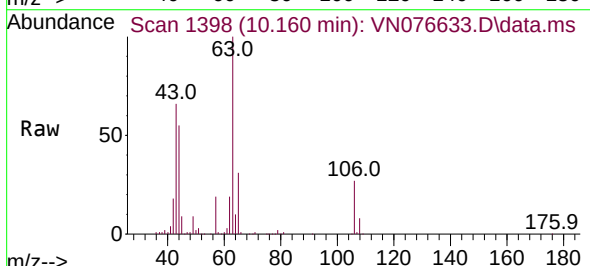
Manual Integrations
APPROVED

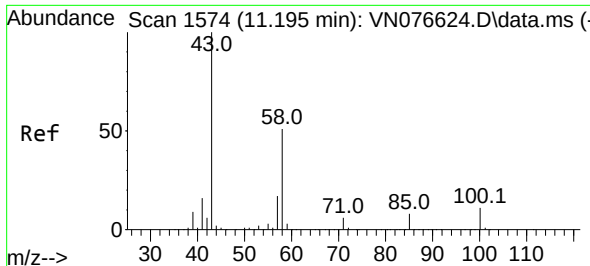
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 106.026 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 63 Resp: 293537
Ion Ratio Lower Upper
63 100
106 27.0 22.3 33.5





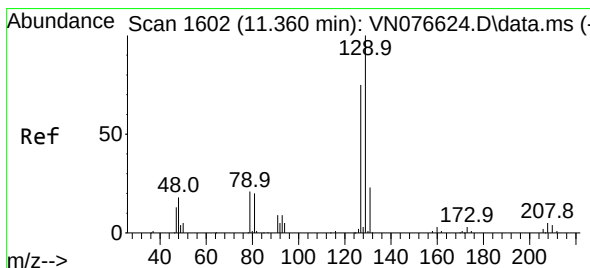
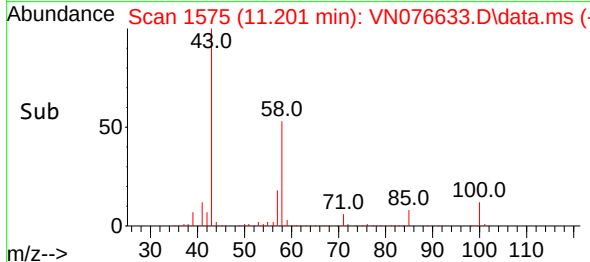
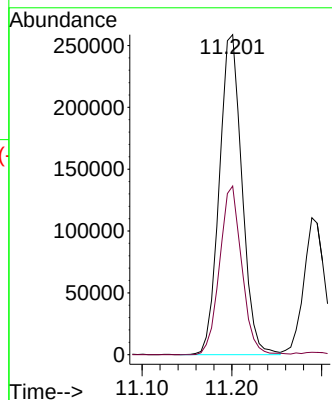
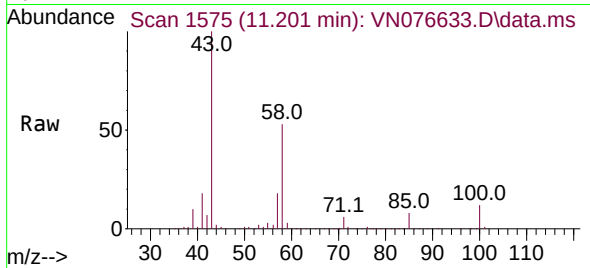
#59
2-Hexanone
Concen: 101.468 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion: 43 Resp: 45398
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.0

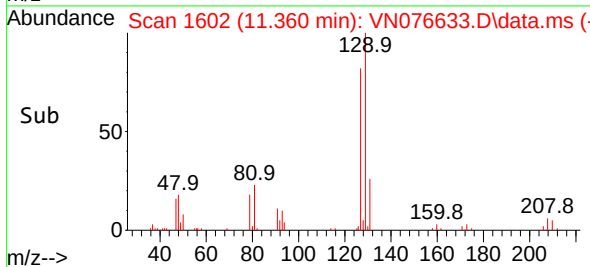
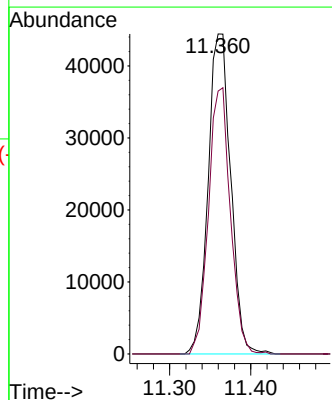
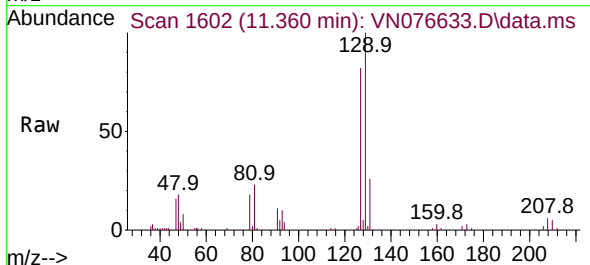
Manual Integrations
APPROVED

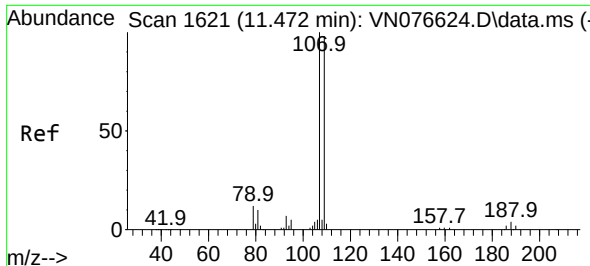
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 18.972 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion:129 Resp: 85875
Ion Ratio Lower Upper
129 100
127 80.6 38.8 116.4





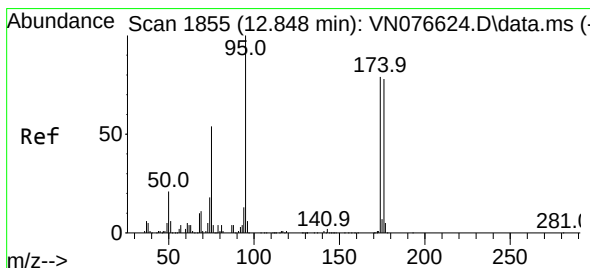
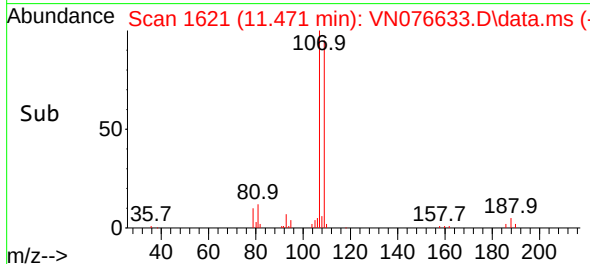
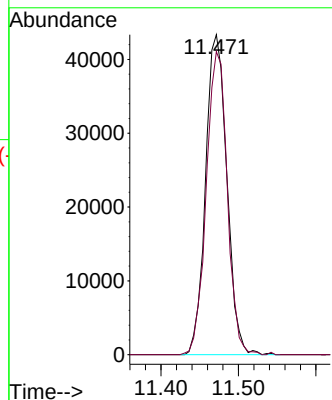
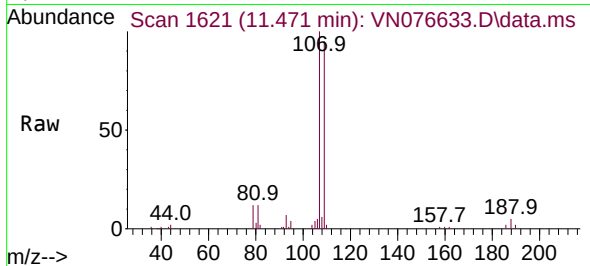
#61
1,2-Dibromoethane
Concen: 19.202 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:107 Resp: 82540
Ion Ratio Lower Upper
107 100
109 93.5 76.8 115.2

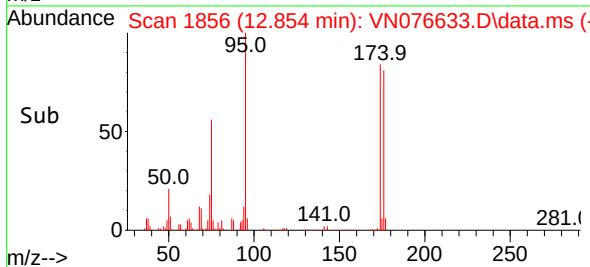
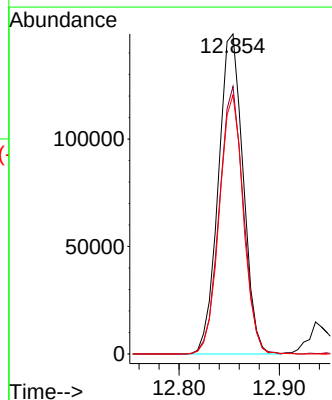
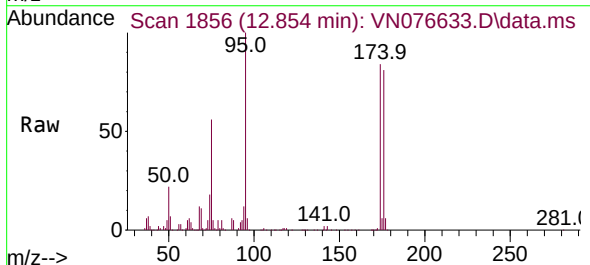
Manual Integrations
APPROVED

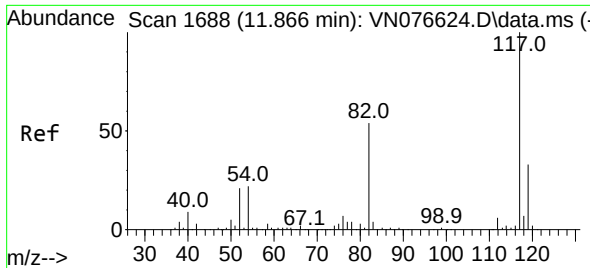
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#62
4-Bromofluorobenzene
Concen: 52.302 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

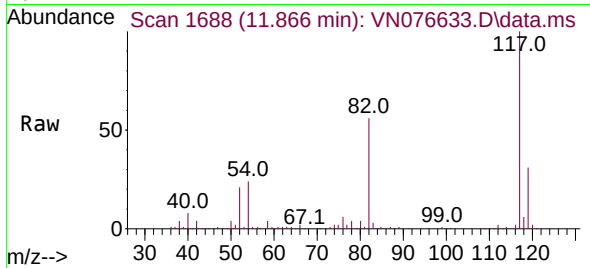
Tgt Ion: 95 Resp: 255063
Ion Ratio Lower Upper
95 100
174 81.1 0.0 169.2
176 78.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

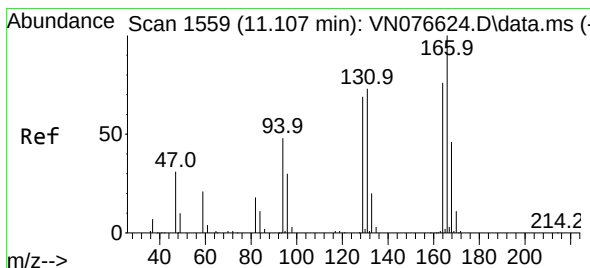
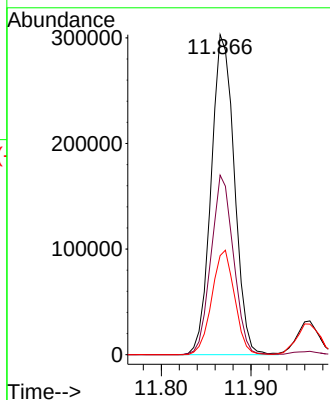
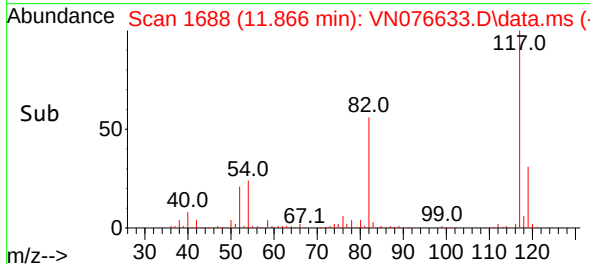
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



Tgt Ion:117 Resp: 544150
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.2
119 30.9 26.1 39.1

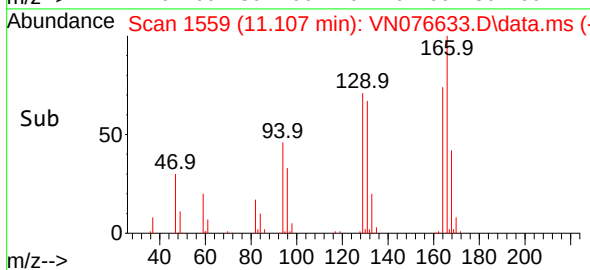
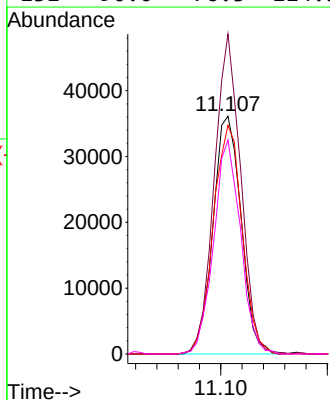
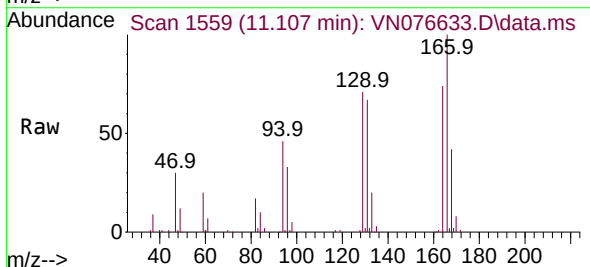
Manual Integrations
APPROVED

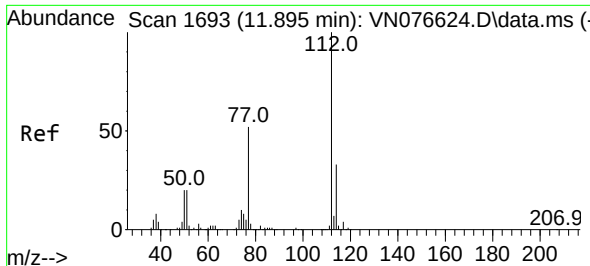
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#64
Tetrachloroethene
Concen: 19.268 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

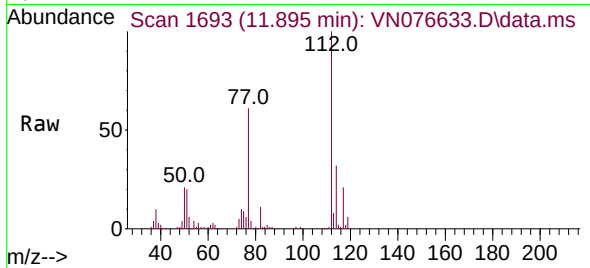
Tgt Ion:164 Resp: 66075
Ion Ratio Lower Upper
164 100
166 134.6 104.8 157.2
129 96.2 72.2 108.2
131 90.0 76.3 114.5





#65
Chlorobenzene
Concen: 19.079 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

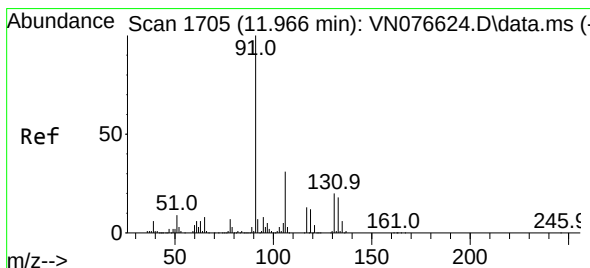
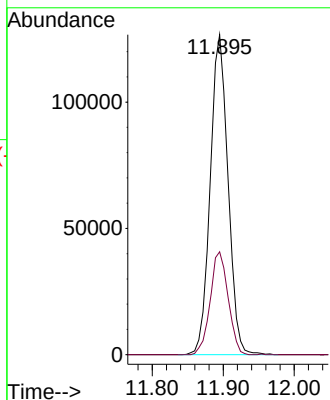
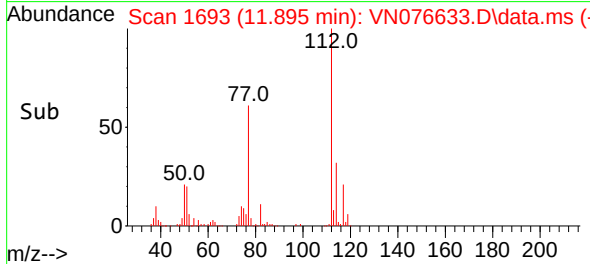
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



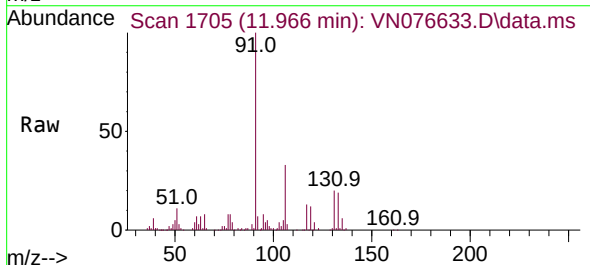
Tgt Ion:112 Resp: 220025
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6

Manual Integrations
APPROVED

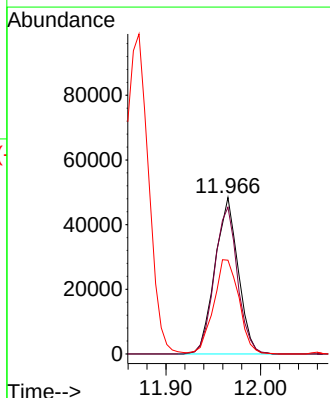
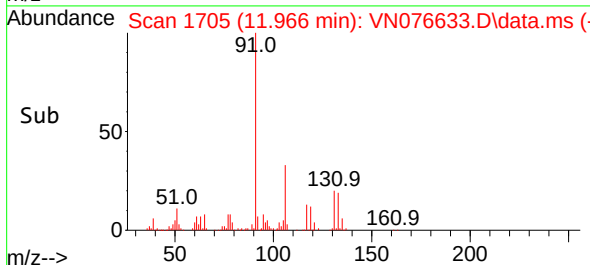
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

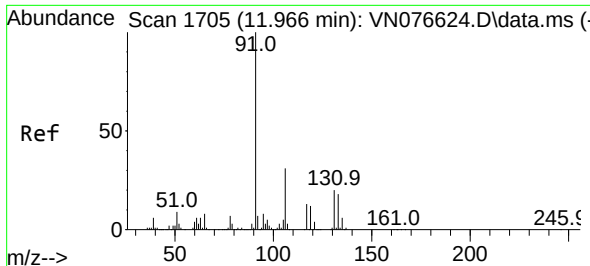


#66
1,1,1,2-Tetrachloroethane
Concen: 19.664 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



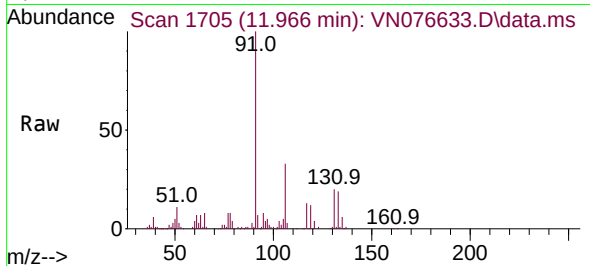
Tgt Ion:131 Resp: 82370
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.0
119 65.8 32.3 96.8





#67
Ethyl Benzene
Concen: 20.200 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

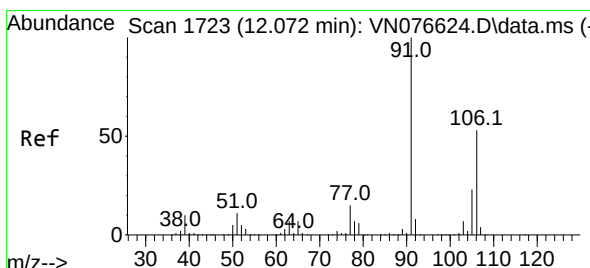
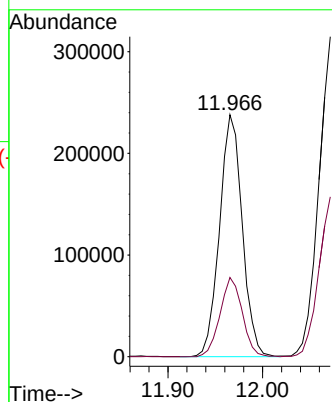
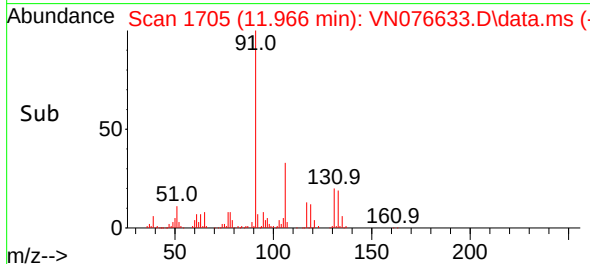
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



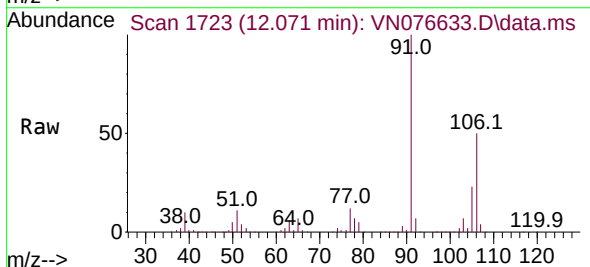
Tgt Ion: 91 Resp: 396870
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7

Manual Integrations
APPROVED

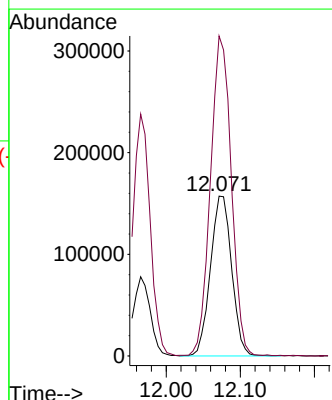
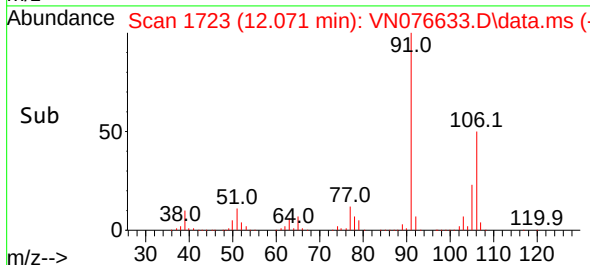
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

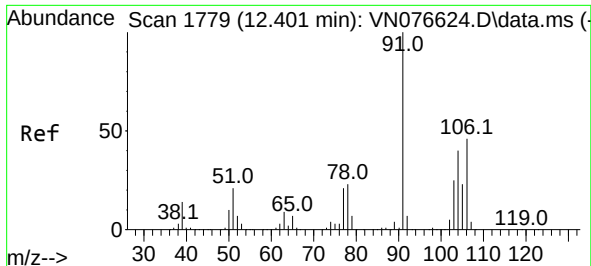


#68
m/p-Xylenes
Concen: 41.293 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion:106 Resp: 312715
Ion Ratio Lower Upper
106 100
91 196.1 154.7 232.1





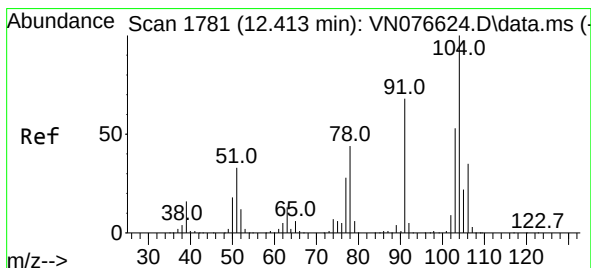
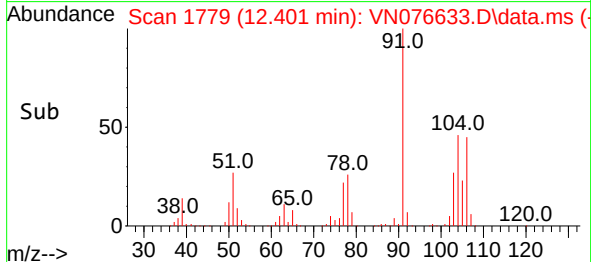
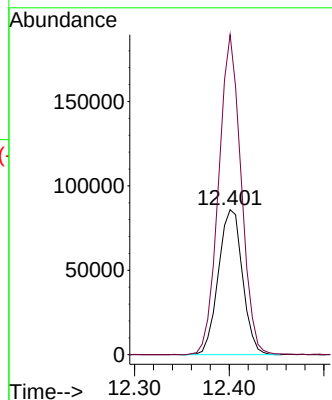
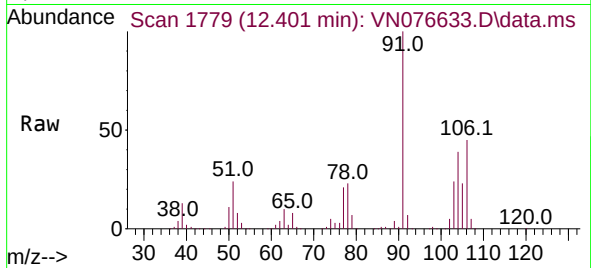
#69
o-Xylene
Concen: 20.559 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:106 Resp: 151840
Ion Ratio Lower Upper
106 100
91 206.8 105.8 317.4

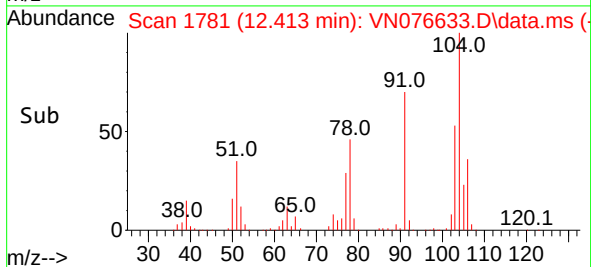
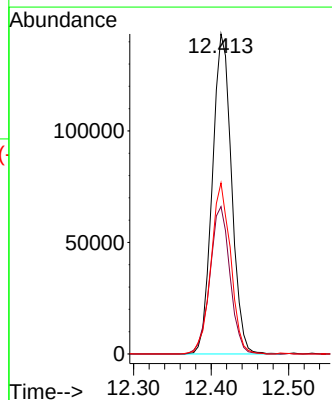
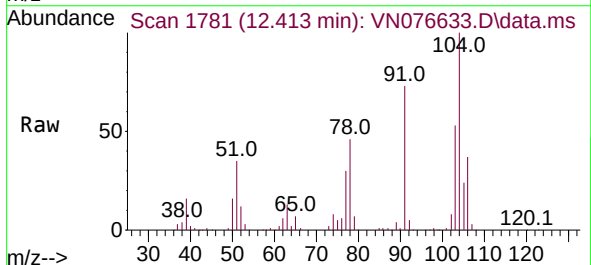
Manual Integrations
APPROVED

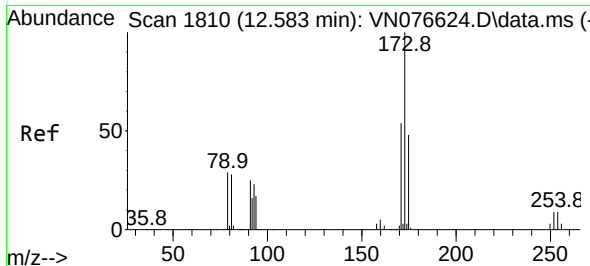
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 20.687 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

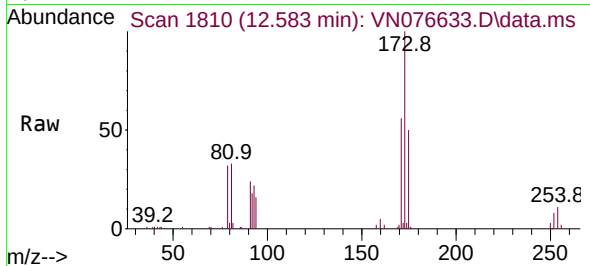
Tgt Ion:104 Resp: 247079
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 54.6 44.2 66.4





#71
Bromoform
Concen: 19.644 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

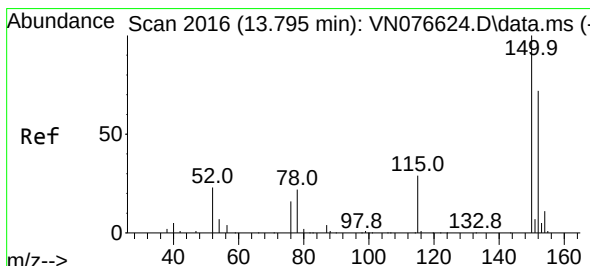
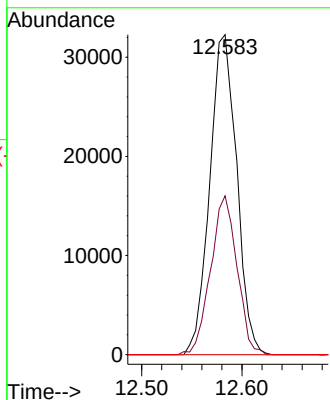
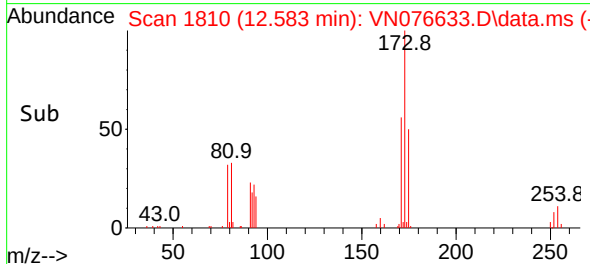
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



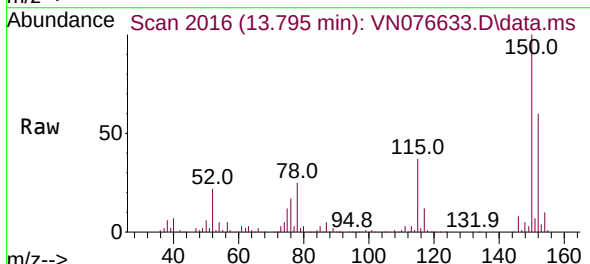
Tgt Ion:173 Resp: 60358
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

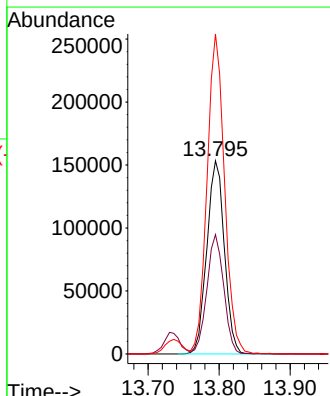
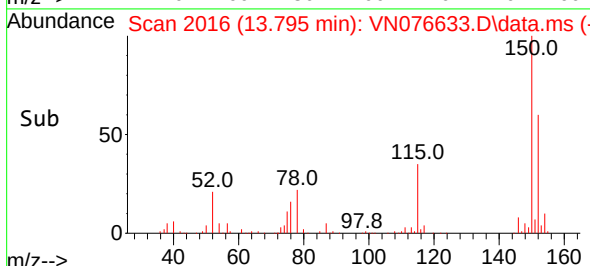
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

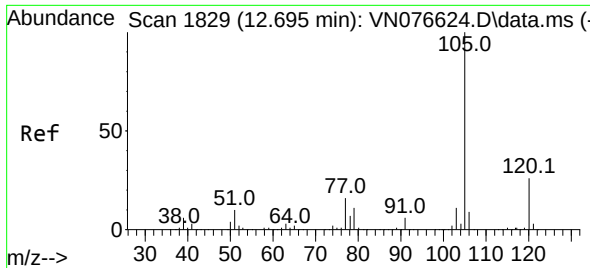


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion:152 Resp: 263788
Ion Ratio Lower Upper
152 100
115 59.4 29.3 87.9
150 164.5 0.0 349.8





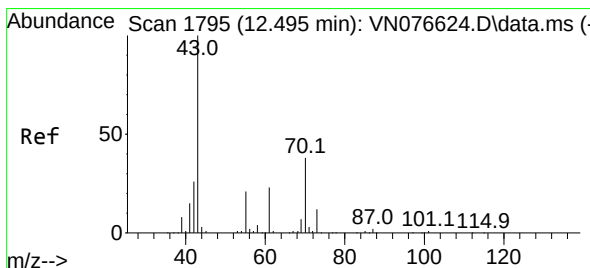
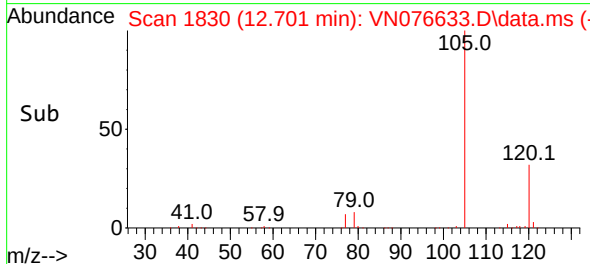
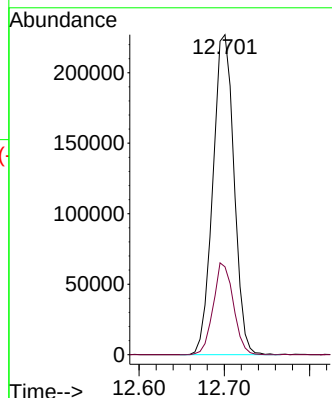
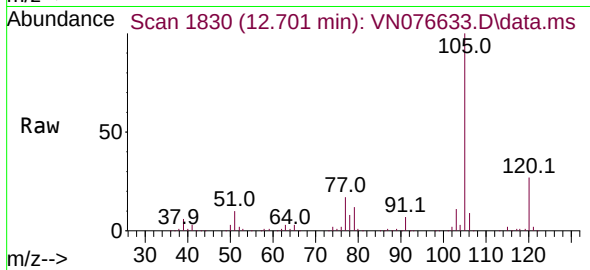
#73
Isopropylbenzene
Concen: 20.227 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:105 Resp: 391090
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0

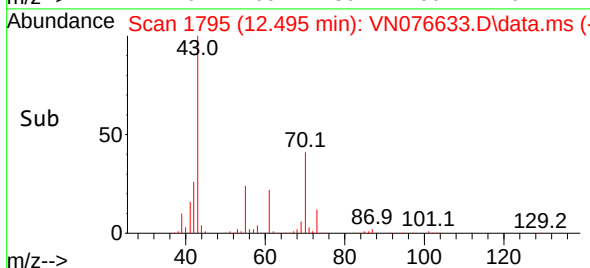
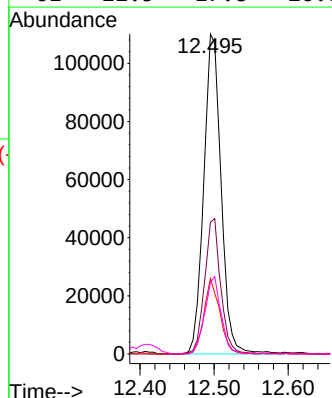
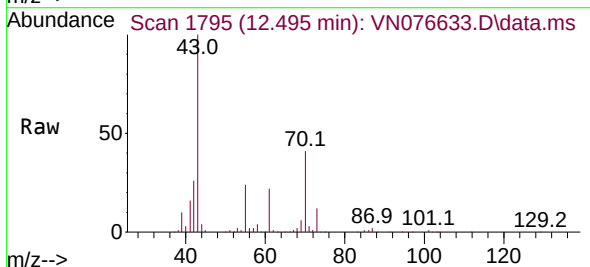
Manual Integrations
APPROVED

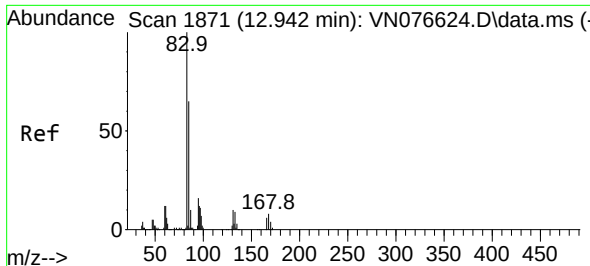
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 20.593 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

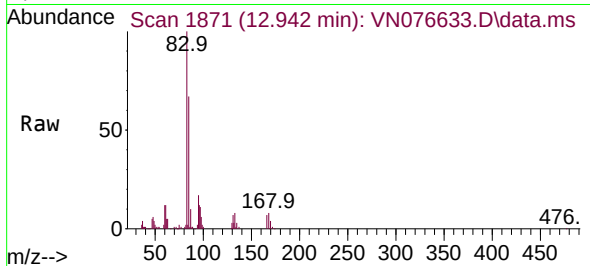
Tgt Ion: 43 Resp: 179471
Ion Ratio Lower Upper
43 100
70 39.3 30.5 45.7
55 21.6 17.8 26.8
61 22.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.646 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

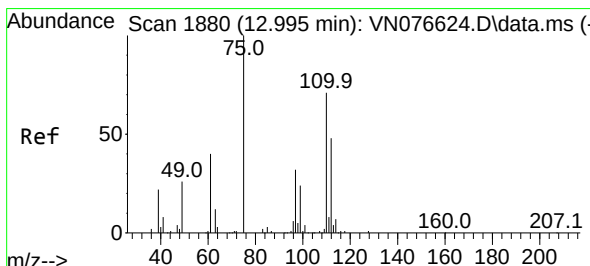
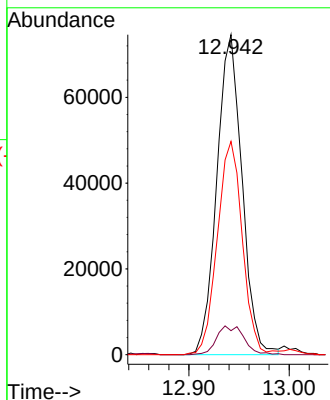
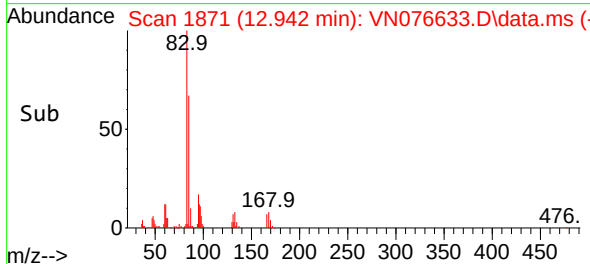
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



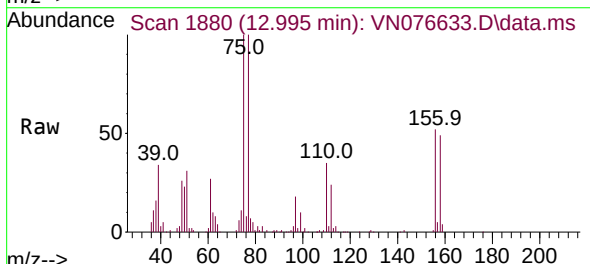
Tgt Ion: 83 Resp: 130499
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 66.2 31.8 95.3

Manual Integrations
APPROVED

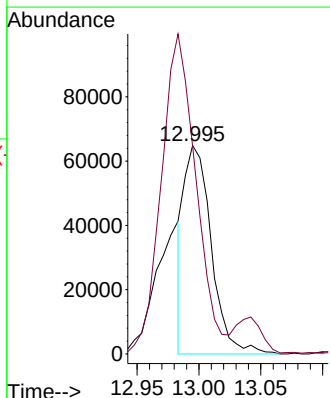
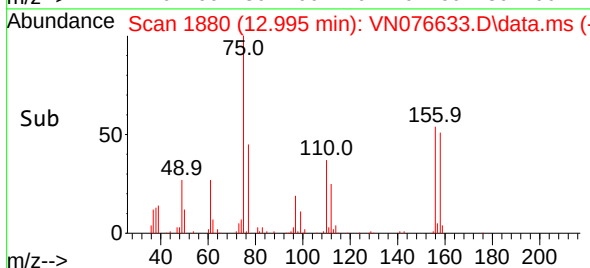
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

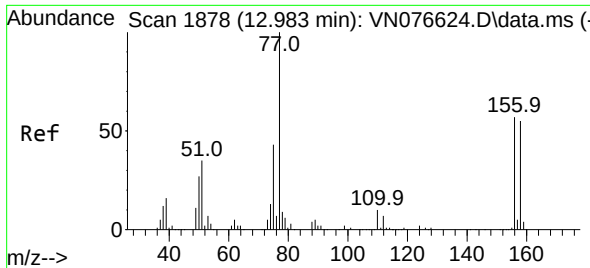


#76
1,2,3-Trichloropropane
Concen: 18.565 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion: 75 Resp: 99008
Ion Ratio Lower Upper
75 100
77 196.7 93.1 279.3





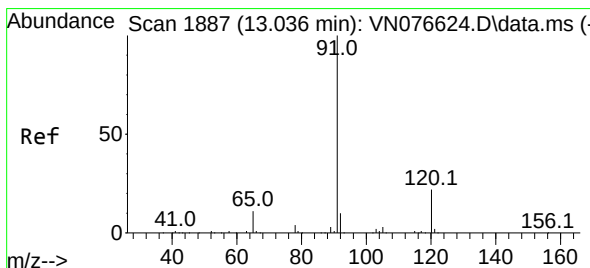
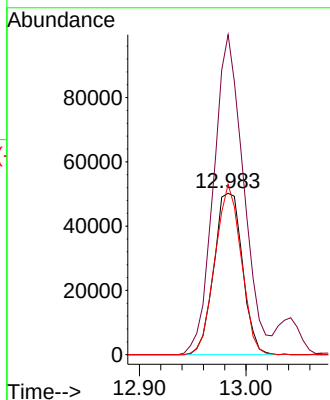
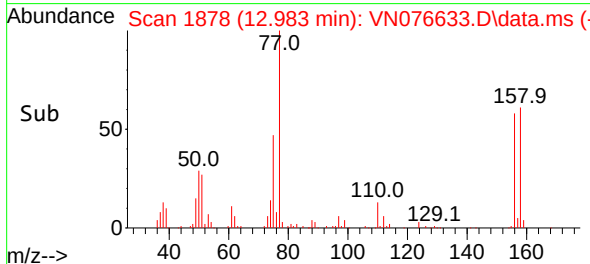
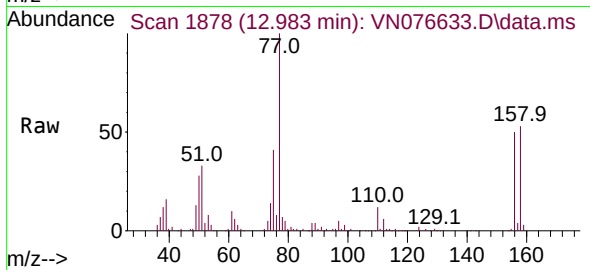
#77
Bromobenzene
Concen: 19.310 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:156 Resp: 93149
Ion Ratio Lower Upper
156 100
77 209.1 102.8 308.4
158 97.6 48.9 146.6

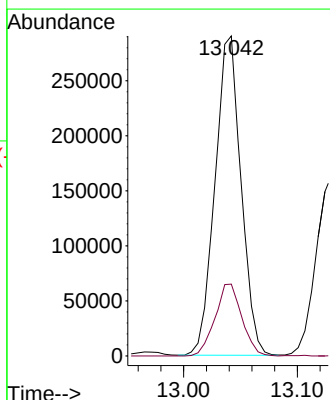
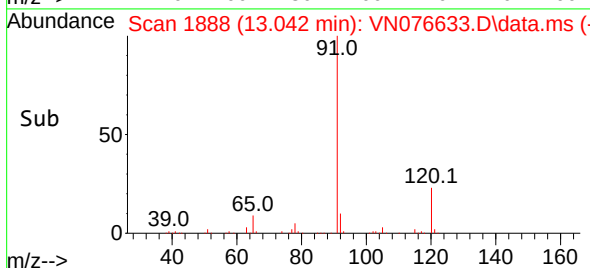
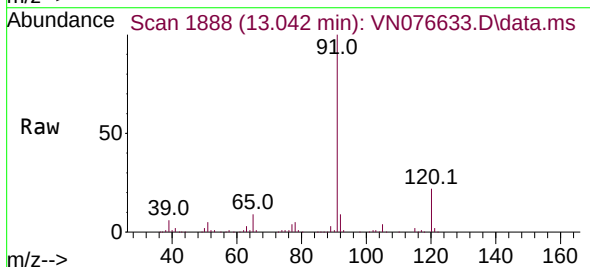
Manual Integrations
APPROVED

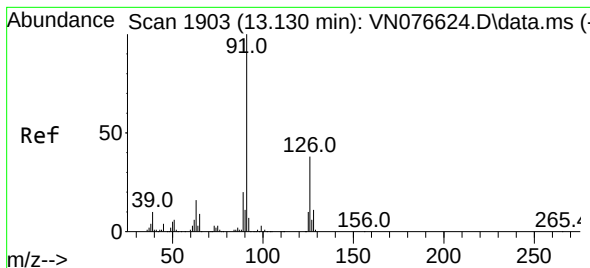
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 20.304 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion: 91 Resp: 460980
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5





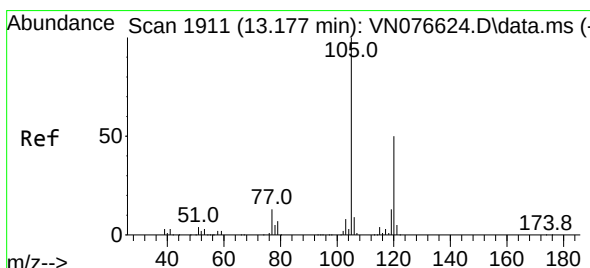
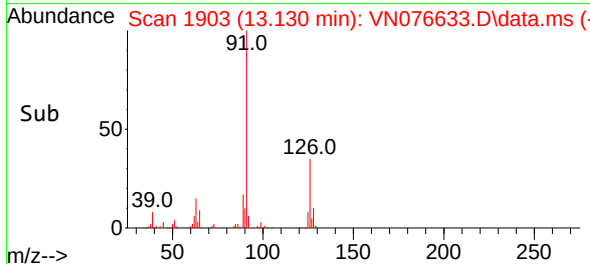
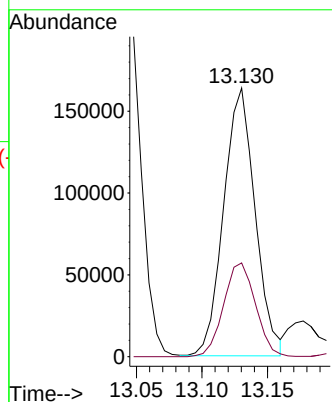
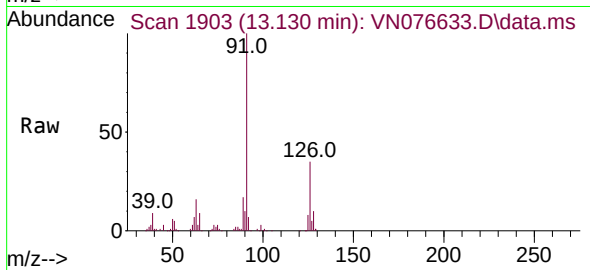
#79
2-Chlorotoluene
Concen: 19.662 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion: 91 Resp: 273324
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1

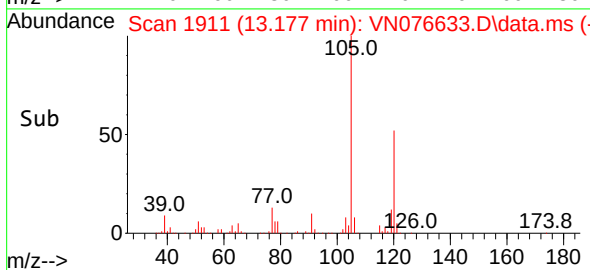
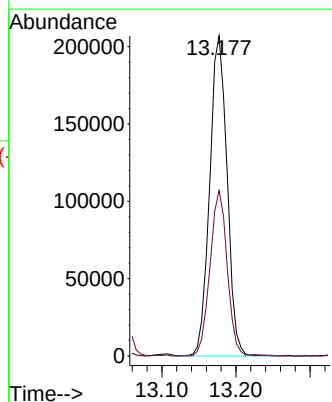
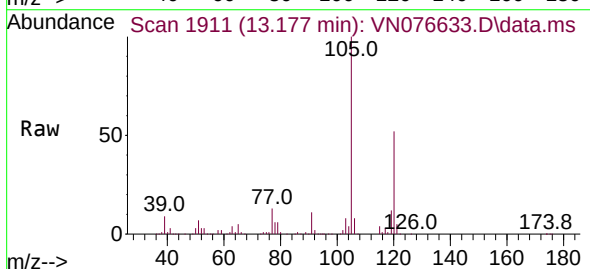
Manual Integrations
APPROVED

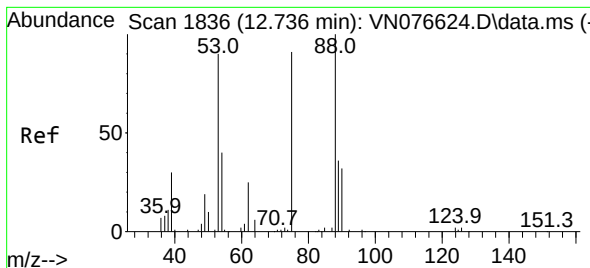
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.128 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

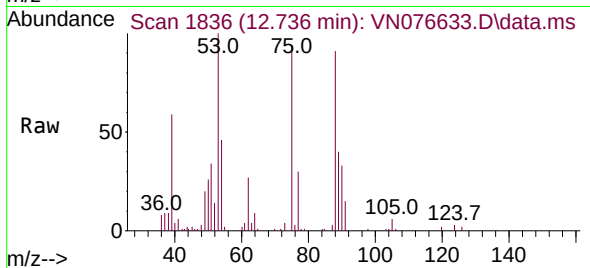
Tgt Ion:105 Resp: 337596
Ion Ratio Lower Upper
105 100
120 51.0 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 22.161 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

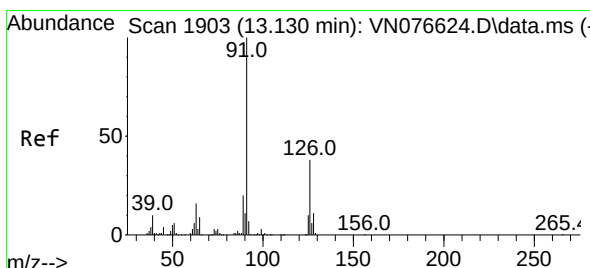
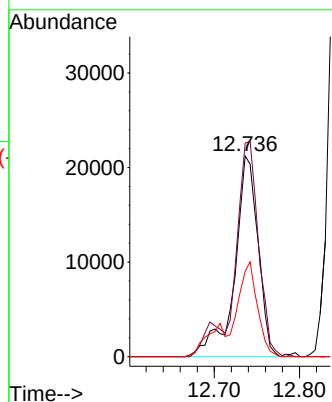
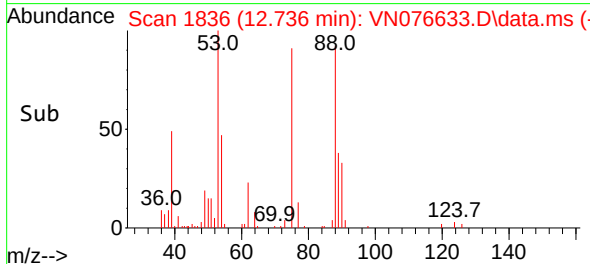
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



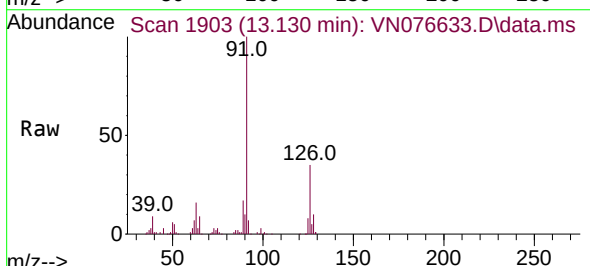
Tgt Ion: 75 Resp: 40578
Ion Ratio Lower Upper
75 100
53 95.7 92.1 138.1
89 39.5 37.5 56.3

Manual Integrations
APPROVED

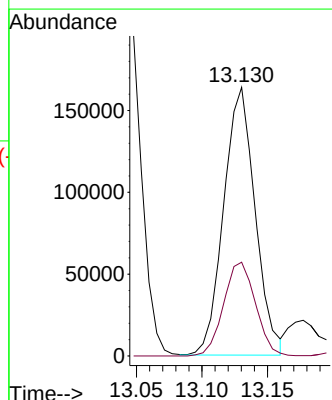
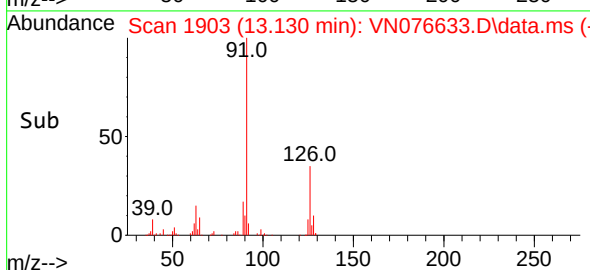
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

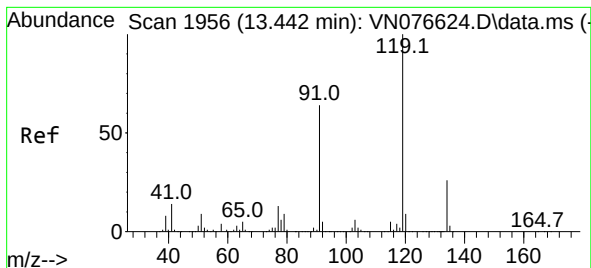


#82
4-Chlorotoluene
Concen: 19.662 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion: 91 Resp: 273324
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1





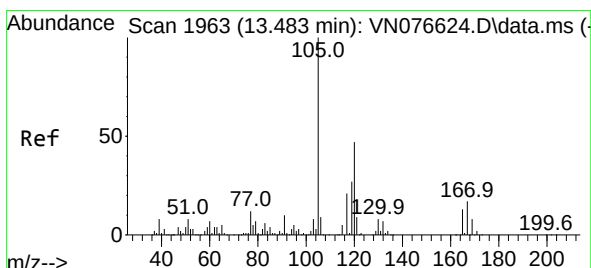
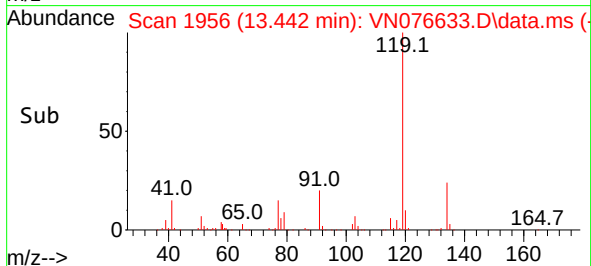
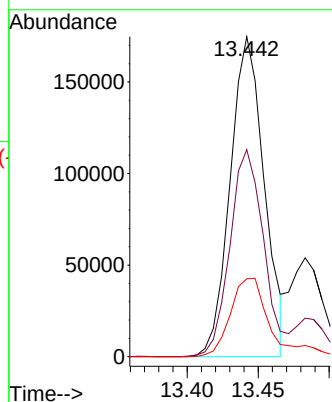
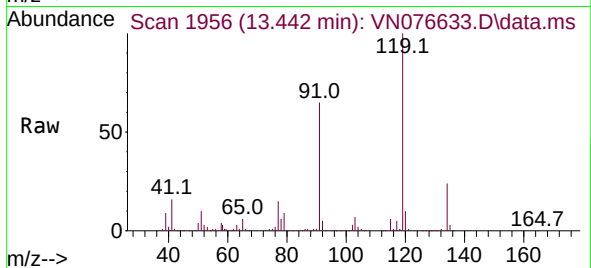
#83
tert-Butylbenzene
Concen: 20.122 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:119 Resp: 290869
Ion Ratio Lower Upper
119 100
91 64.8 32.0 96.2
134 28.6 13.8 41.4

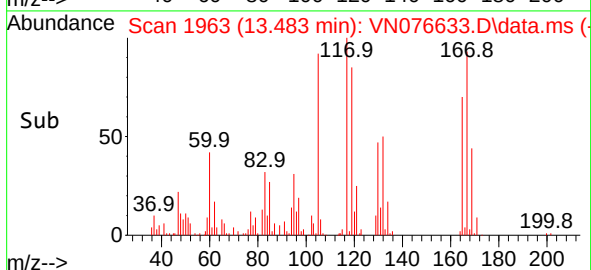
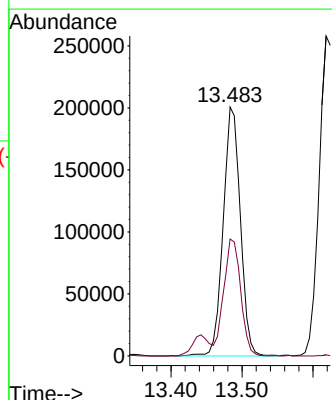
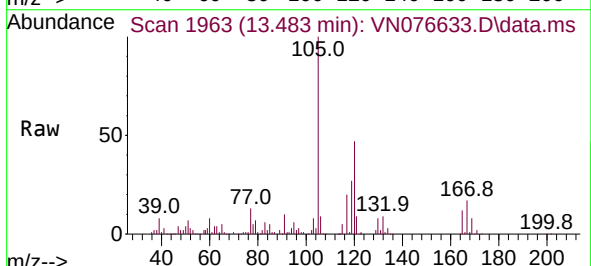
Manual Integrations
APPROVED

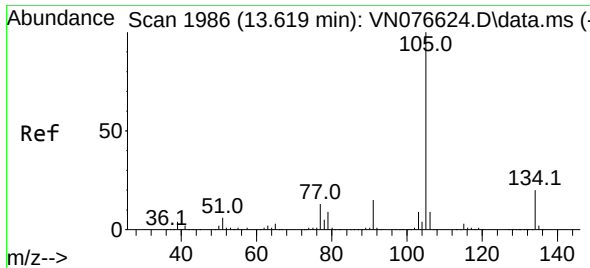
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.105 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

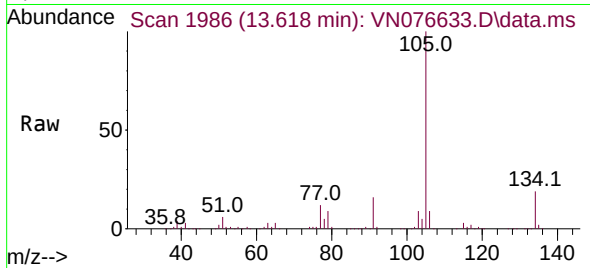
Tgt Ion:105 Resp: 336092
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.705 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076633.D
 Acq: 13 Feb 2023 17:31

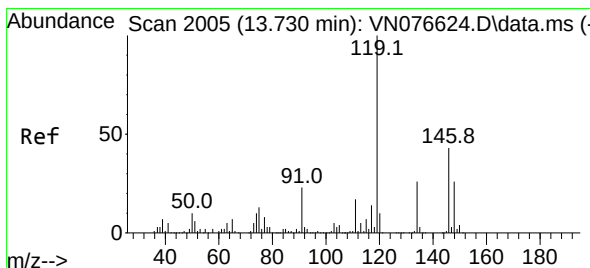
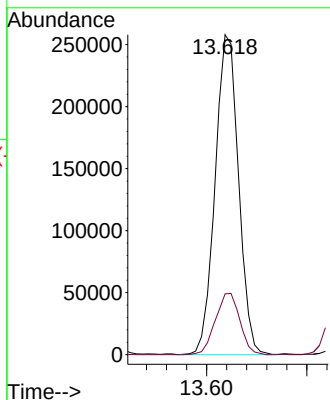
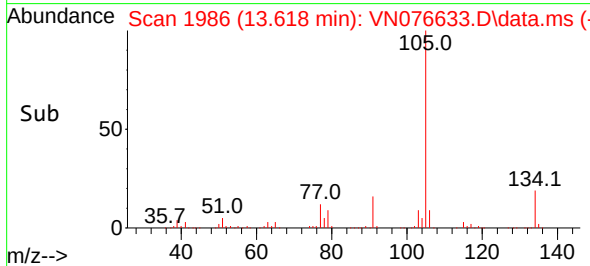
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBSD01



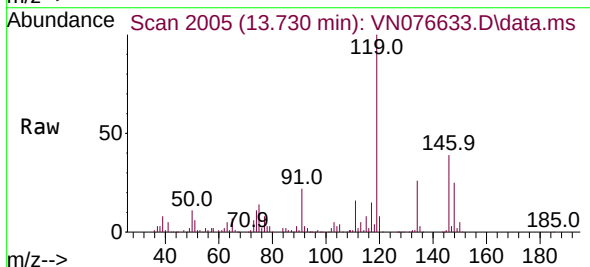
Tgt Ion:105 Resp: 417870
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.5 31.5

Manual Integrations
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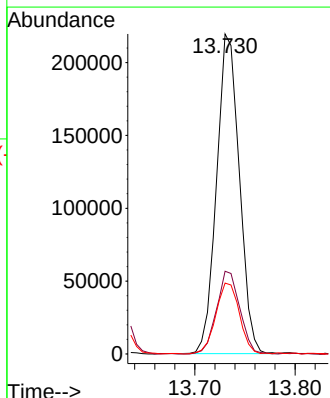
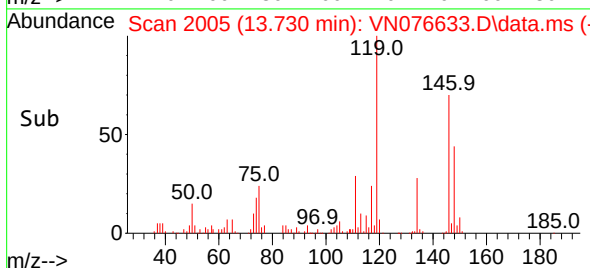
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

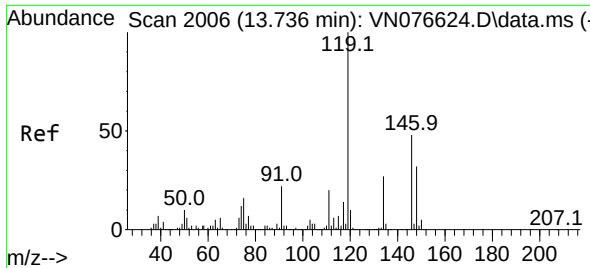


#86
 p-Isopropyltoluene
 Concen: 21.474 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076633.D
 Acq: 13 Feb 2023 17:31



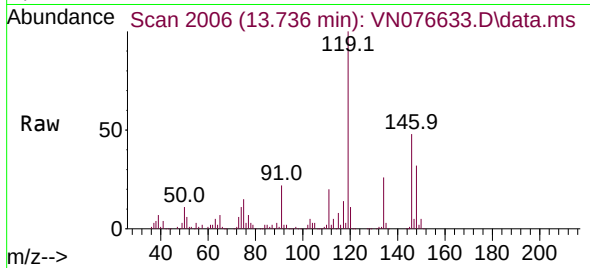
Tgt Ion:119 Resp: 346070
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 23.1 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 18.893 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN076633.D
 Acq: 13 Feb 2023 17:31

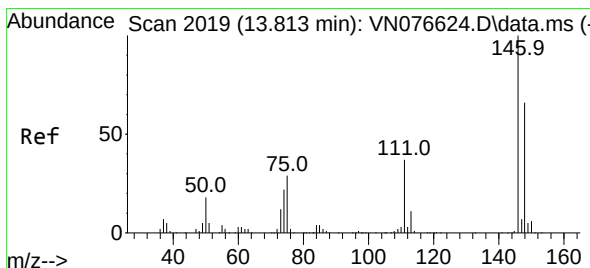
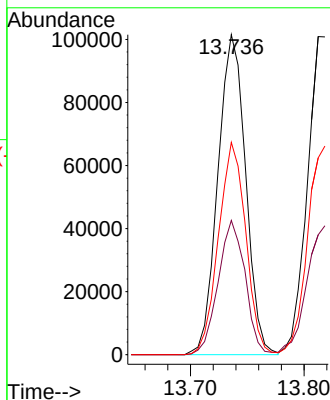
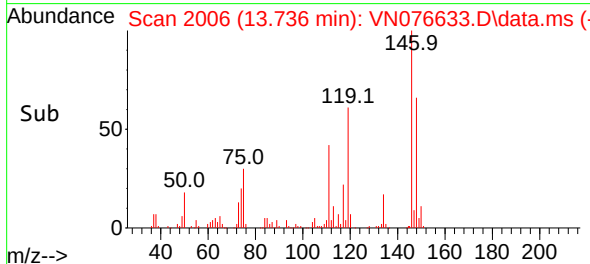
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBSD01



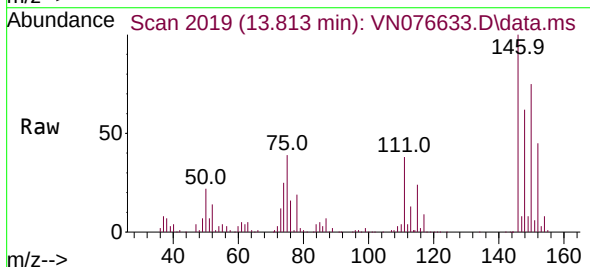
Tgt Ion:146 Resp: 17228
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 65.5 32.0 96.2

Manual Integrations
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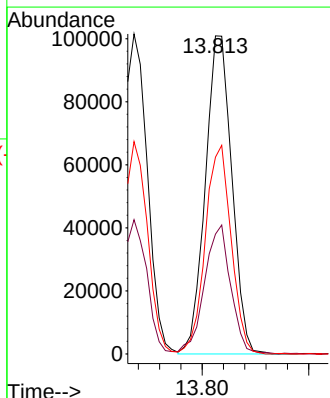
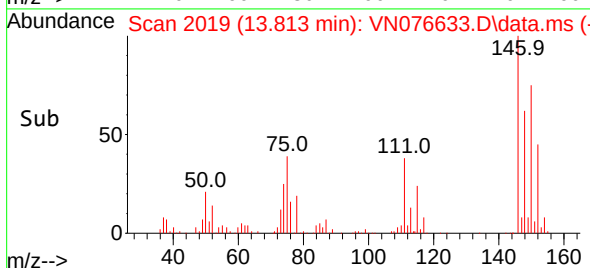
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

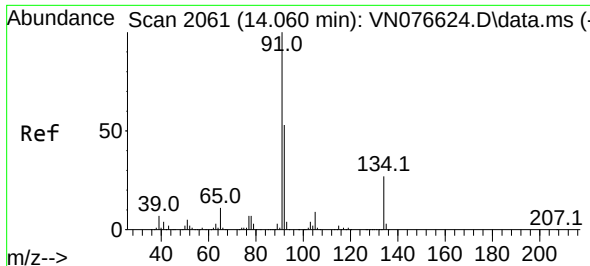


#88
 1,4-Dichlorobenzene
 Concen: 19.264 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076633.D
 Acq: 13 Feb 2023 17:31



Tgt Ion:146 Resp: 174927
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.1
 148 64.0 32.7 98.1





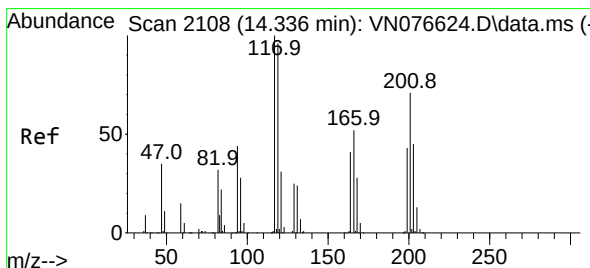
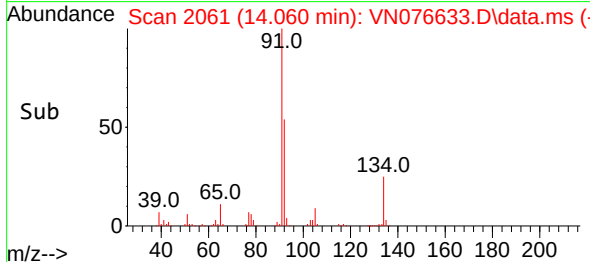
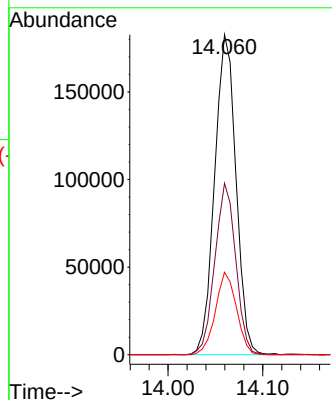
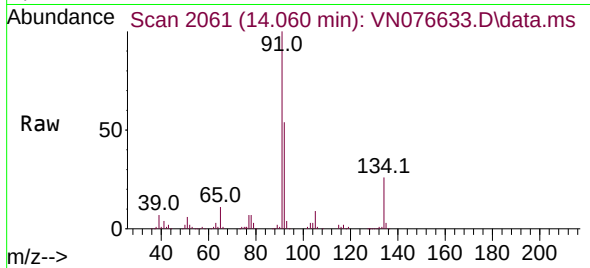
#89
n-Butylbenzene
Concen: 20.433 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion: 91 Resp: 286398
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 25.5 13.2 39.5

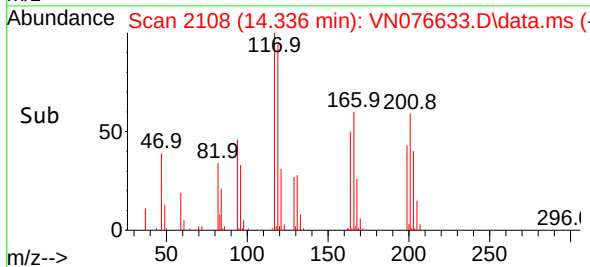
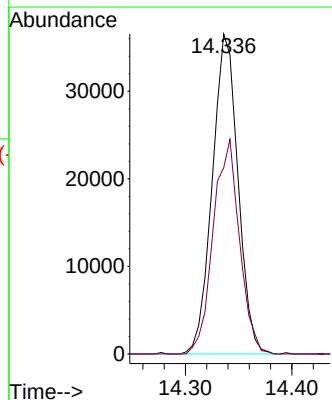
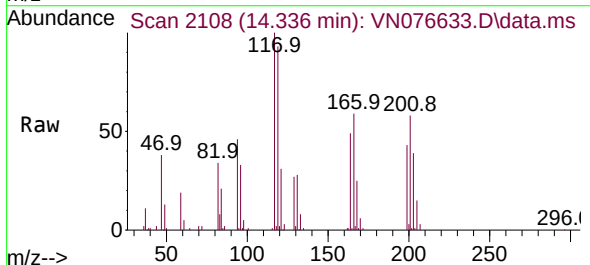
Manual Integrations
APPROVED

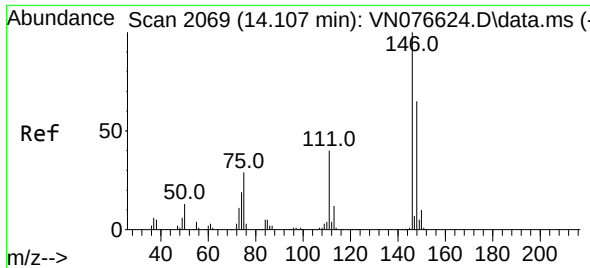
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#90
Hexachloroethane
Concen: 18.169 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Tgt Ion:117 Resp: 61308
Ion Ratio Lower Upper
117 100
201 68.2 35.5 106.7





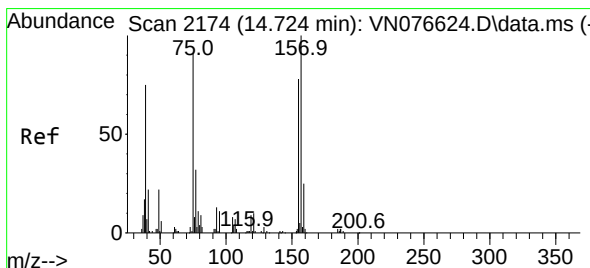
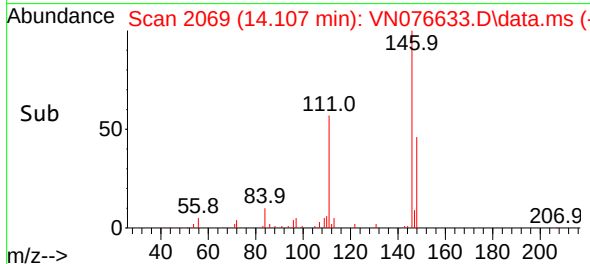
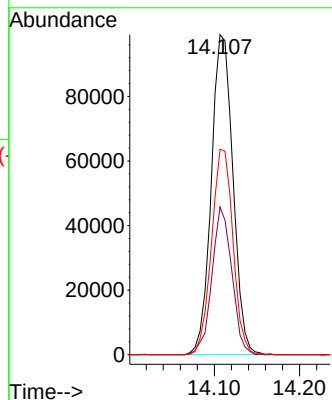
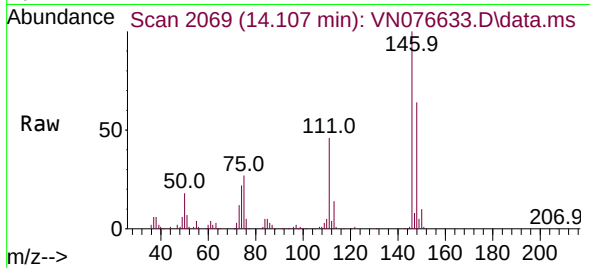
#91
1,2-Dichlorobenzene
Concen: 18.778 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01

Tgt Ion:146 Resp: 17554
Ion Ratio Lower Upper
146 100
111 42.3 20.0 59.9
148 63.5 32.4 97.2

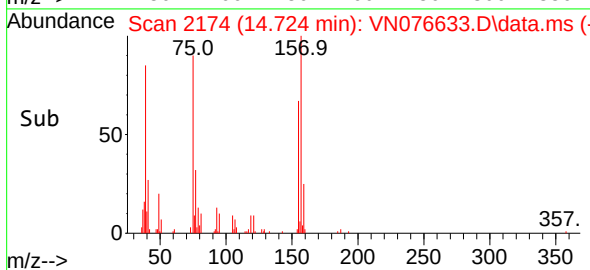
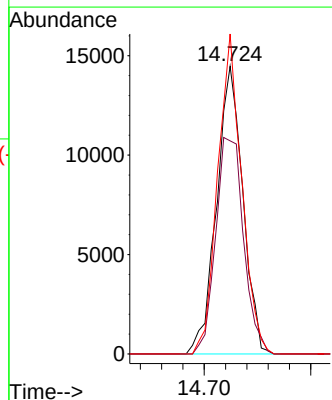
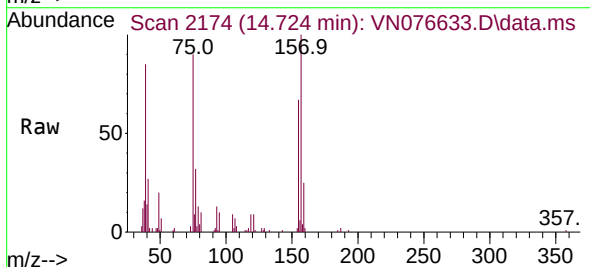
Manual Integrations
APPROVED

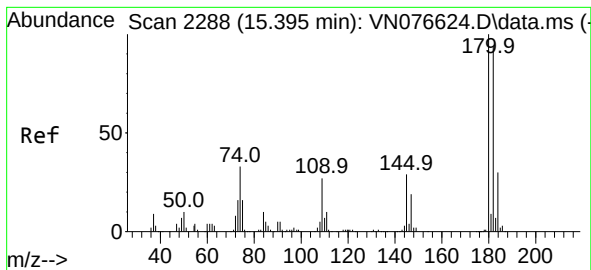
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.244 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

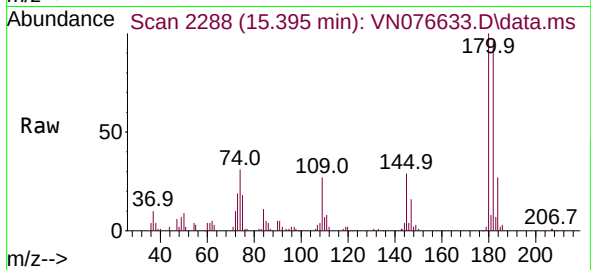
Tgt Ion: 75 Resp: 24737
Ion Ratio Lower Upper
75 100
155 80.1 43.4 130.2
157 101.7 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 19.959 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

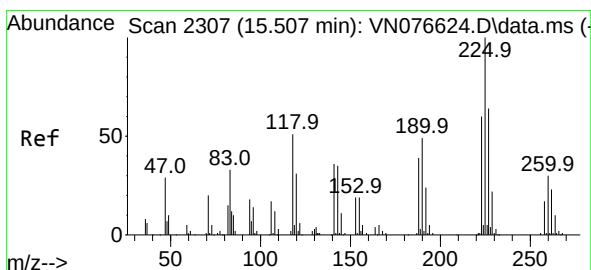
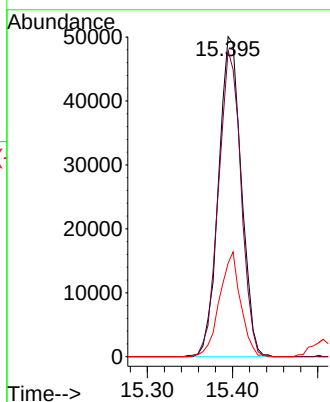
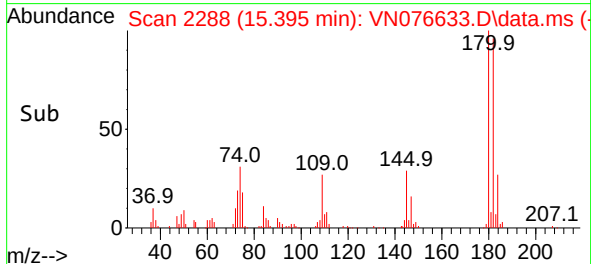
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



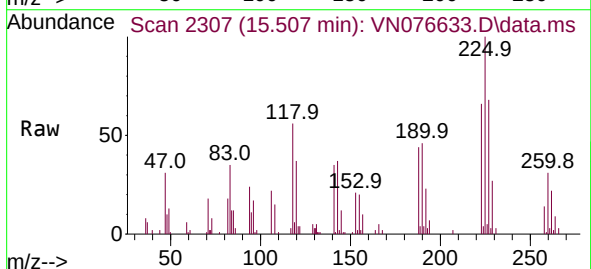
Tgt Ion:180 Resp: 9307
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.0
145 30.3 15.2 45.6

Manual Integrations
APPROVED

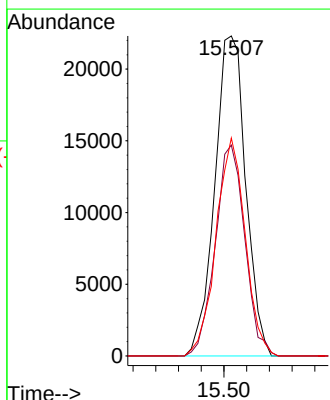
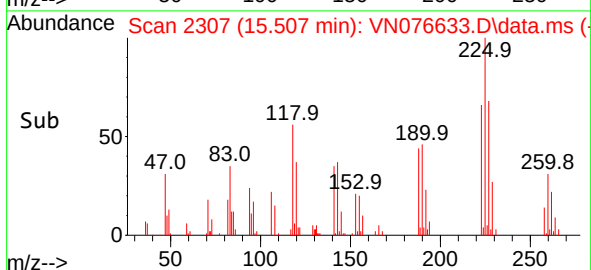
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

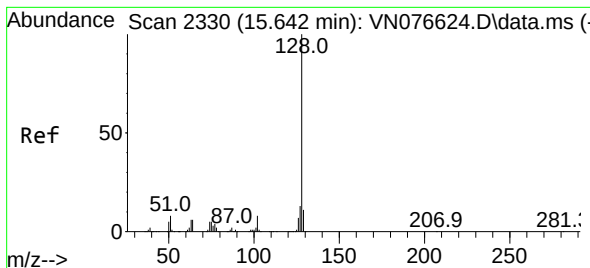


#94
Hexachlorobutadiene
Concen: 18.512 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



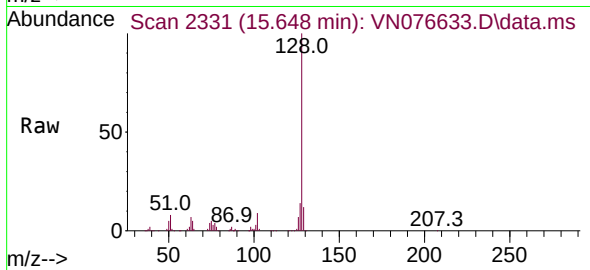
Tgt Ion:225 Resp: 42310
Ion Ratio Lower Upper
225 100
223 62.8 31.6 95.0
227 64.1 31.3 93.9





#95
Naphthalene
Concen: 21.278 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31

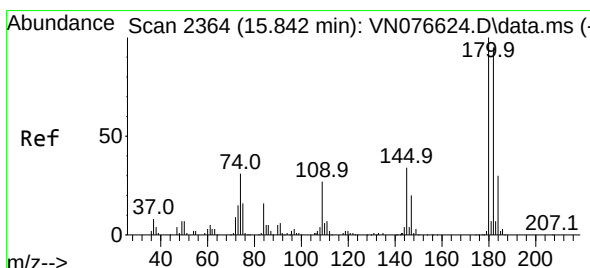
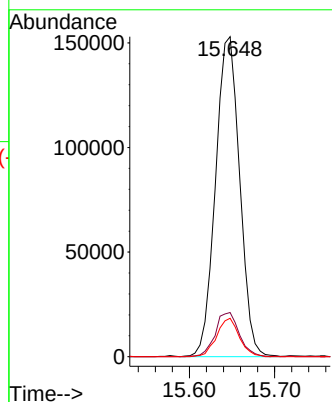
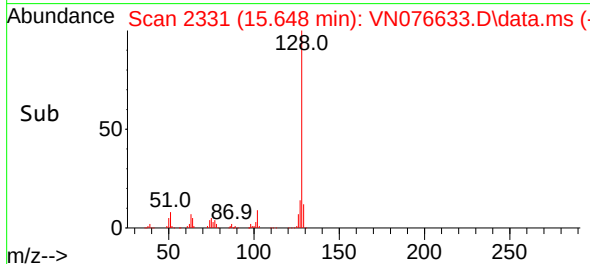
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBSD01



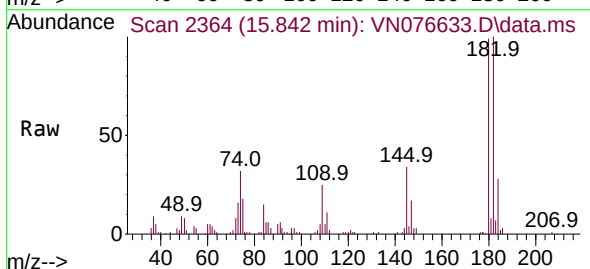
Tgt Ion:128 Resp: 301095
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.835 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076633.D
Acq: 13 Feb 2023 17:31



Tgt Ion:180 Resp: 94130
Ion Ratio Lower Upper
180 100
182 93.7 46.7 140.1
145 31.8 16.0 47.9

