

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076645.D
 Acq On : 13 Feb 2023 22:20
 Operator : JC\MD
 Sample : 01532-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-02-160-180-021023MSD

Quant Time: Feb 14 05:30:44 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	331252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	565569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	526768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	262269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216835	47.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.800%		
35) Dibromofluoromethane	8.178	113	180086	48.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	10.572	98	703964	50.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.854	95	243758	53.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	186197	52.937	ug/l	95
3) Chloromethane	2.378	50	217802	47.462	ug/l	96
4) Vinyl Chloride	2.525	62	224675	49.746	ug/l	99
5) Bromomethane	2.954	94	132444	48.398	ug/l	95
6) Chloroethane	3.125	64	145739	51.060	ug/l	99
7) Trichlorofluoromethane	3.507	101	292803	47.648	ug/l	93
8) Diethyl Ether	3.972	74	120085	50.713	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	172822	47.863	ug/l	97
10) Methyl Iodide	4.601	142	245063	54.959	ug/l	97
11) Tert butyl alcohol	5.537	59	141051	233.618	ug/l	97
12) 1,1-Dichloroethene	4.354	96	170140	49.761	ug/l	96
13) Acrolein	4.190	56	232370	256.355	ug/l	98
14) Allyl chloride	5.043	41	292154	49.314	ug/l	96
15) Acrylonitrile	5.731	53	533283	248.881	ug/l	99
16) Acetone	4.437	43	418729	204.938	ug/l	95
17) Carbon Disulfide	4.725	76	453814	50.270	ug/l	100
18) Methyl Acetate	5.037	43	322933	48.421	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	606729	52.634	ug/l	99
20) Methylene Chloride	5.284	84	205913	48.086	ug/l	97
21) trans-1,2-Dichloroethene	5.790	96	191171	49.670	ug/l	84
22) Diisopropyl ether	6.684	45	727590	52.362	ug/l	99
23) Vinyl Acetate	6.613	43	2341108	284.758	ug/l	99
24) 1,1-Dichloroethane	6.584	63	374768	49.212	ug/l	95
25) 2-Butanone	7.489	43	727457	241.370	ug/l	99
26) 2,2-Dichloropropane	7.501	77	246779	44.927	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	226195	49.550	ug/l	98
28) Bromochloromethane	7.819	49	172975	47.724	ug/l	95
29) Tetrahydrofuran	7.842	42	496252	252.018	ug/l	100
30) Chloroform	7.972	83	374855	49.266	ug/l	99
31) Cyclohexane	8.266	56	340151	47.407	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	320710	50.131	ug/l	98
36) 1,1-Dichloropropene	8.378	75	277449	51.846	ug/l	98
37) Ethyl Acetate	7.572	43	292632	51.974	ug/l	98
38) Carbon Tetrachloride	8.372	117	285522	52.890	ug/l	93
39) Methylcyclohexane	9.601	83	334090	54.923	ug/l	96
40) Benzene	8.613	78	866326	52.716	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	174383	53.463	ug/l	98
42) 1,2-Dichloroethane	8.678	62	291610	50.878	ug/l	99
43) Isopropyl Acetate	8.695	43	497860	54.340	ug/l	99
44) Trichloroethene	9.354	130	207511	53.434	ug/l	93
45) 1,2-Dichloropropane	9.625	63	224806	51.676	ug/l	98
46) Dibromomethane	9.713	93	145306	52.246	ug/l	99
47) Bromodichloromethane	9.889	83	295354	52.969	ug/l	97
48) Methyl methacrylate	9.683	41	237364	54.597	ug/l	99
49) 1,4-Dioxane	9.701	88	78964	1049.989	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1561388	267.854	ug/l	99
52) Toluene	10.636	92	540235	54.449	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	303468	56.386	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	328980	52.993	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	211101	52.324	ug/l	97
56) Ethyl methacrylate	10.877	69	326612	57.514	ug/l	96
57) 1,3-Dichloropropane	11.166	76	364895	52.644	ug/l	100
59) 2-Hexanone	11.195	43	1116832	265.717	ug/l	99
60) Dibromochloromethane	11.360	129	224209	52.730	ug/l	97
61) 1,2-Dibromoethane	11.471	107	211811	52.450	ug/l	99
64) Tetrachloroethene	11.107	164	165639	49.896	ug/l	96
65) Chlorobenzene	11.895	112	576519	51.642	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	207592	51.195	ug/l	98
67) Ethyl Benzene	11.966	91	1038942	54.626	ug/l	99
68) m/p-Xylenes	12.071	106	804545	109.745	ug/l	97
69) o-Xylene	12.401	106	403281	56.404	ug/l	97
70) Styrene	12.413	104	663930	57.424	ug/l	99
71) Bromoform	12.583	173	161164	54.184	ug/l #	100
73) Isopropylbenzene	12.701	105	1044662	54.343	ug/l	99
74) N-amyl acetate	12.495	43	455452	52.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	327516	47.068	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	239688m	45.204	ug/l	
77) Bromobenzene	12.983	156	245515	51.190	ug/l	98
78) n-propylbenzene	13.036	91	1226742	54.345	ug/l	99
79) 2-Chlorotoluene	13.130	91	715235	51.748	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	883728	55.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	103924	57.085	ug/l #	82
82) 4-Chlorotoluene	13.130	91	715235	51.748	ug/l	99
83) tert-Butylbenzene	13.442	119	777949	54.130	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	889947	56.208	ug/l	99
85) sec-Butylbenzene	13.618	105	1124282	56.031	ug/l	99
86) p-Isopropyltoluene	13.730	119	923689	57.648	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	468520	51.677	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	469716	52.027	ug/l	99
89) n-Butylbenzene	14.060	91	789025	56.619	ug/l	100
90) Hexachloroethane	14.336	117	168285	50.161	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	480763	51.725	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	62038	46.019	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	260053	56.090	ug/l	98
94) Hexachlorobutadiene	15.507	225	111001	48.849	ug/l	98
95) Naphthalene	15.642	128	842412	59.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	255861	56.962	ug/l	98

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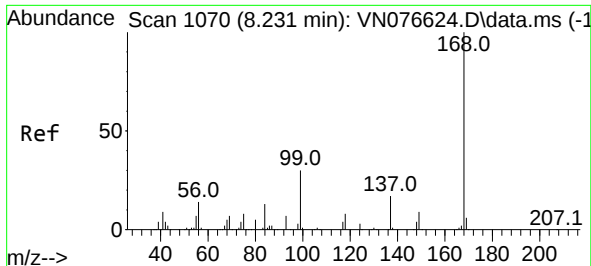
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 02/14/2023

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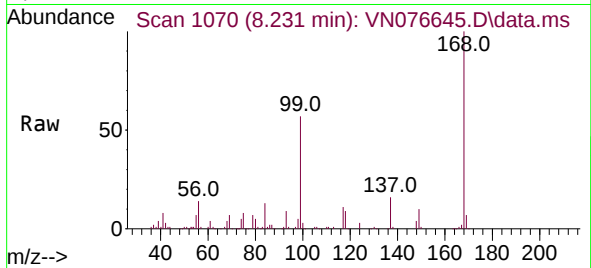
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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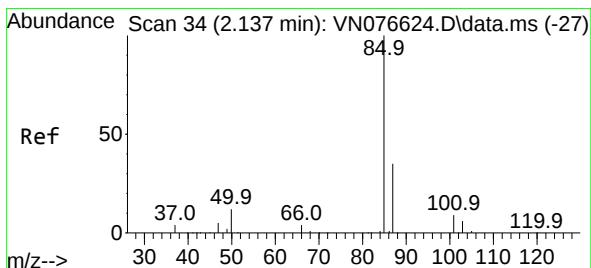
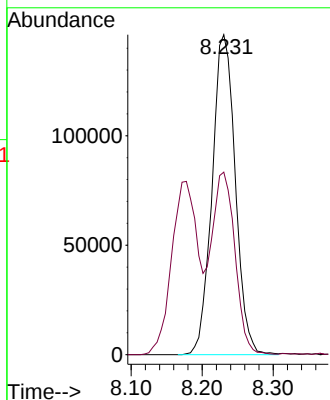
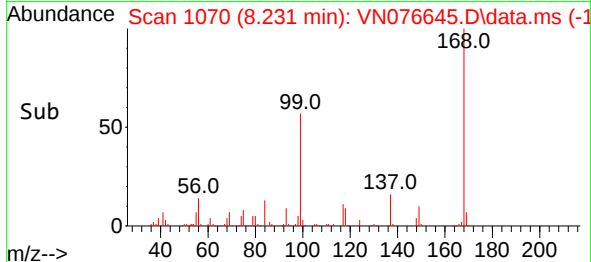
Instrument : MSVOA_N
ClientSampleId : OWBR-02-160-180-021023MSD



Tgt Ion:168 Resp: 33125
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2

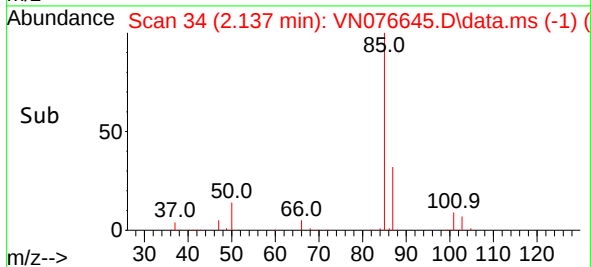
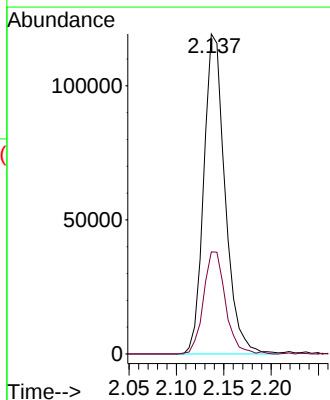
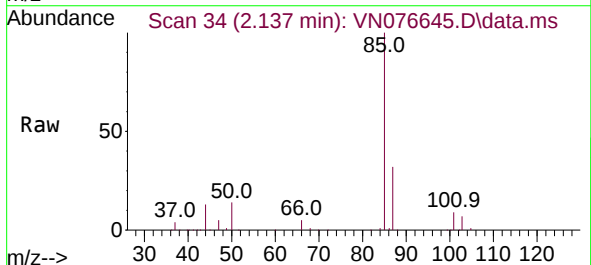
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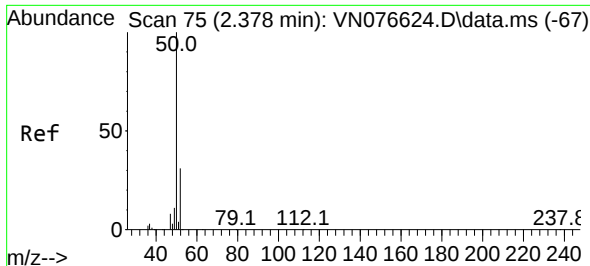
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 52.937 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

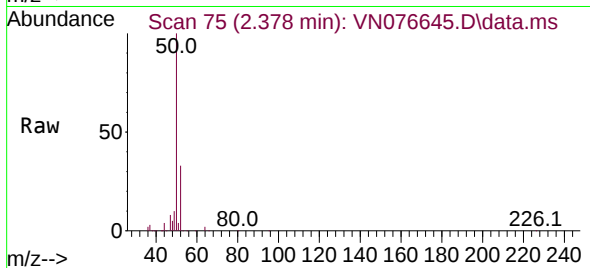
Tgt Ion: 85 Resp: 186197
Ion Ratio Lower Upper
85 100
87 31.9 17.4 52.2





#3
Chloromethane
Concen: 47.462 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

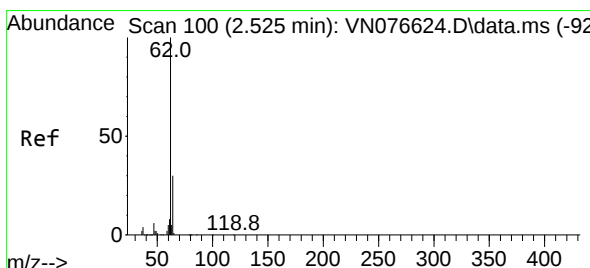
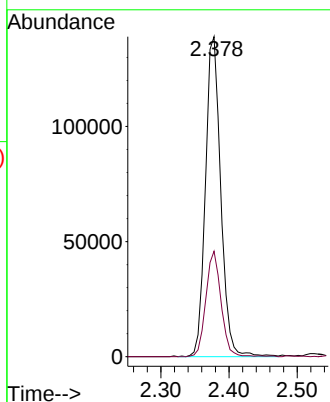
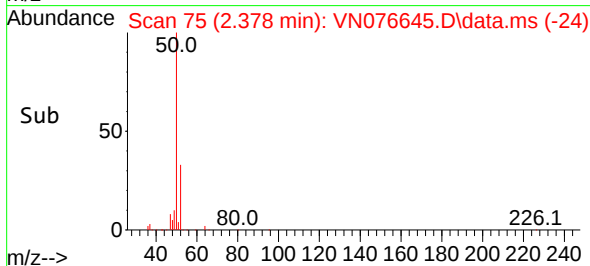
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Tgt Ion: 50 Resp: 21780
Ion Ratio Lower Upper
50 100
52 33.0 24.7 37.1

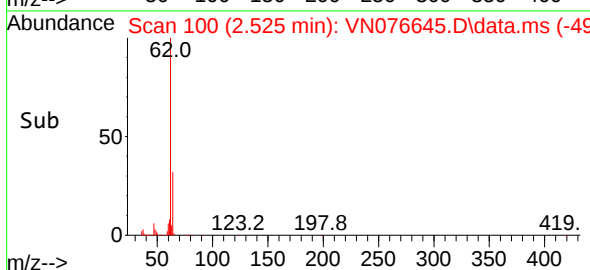
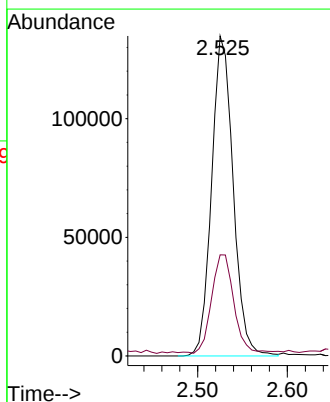
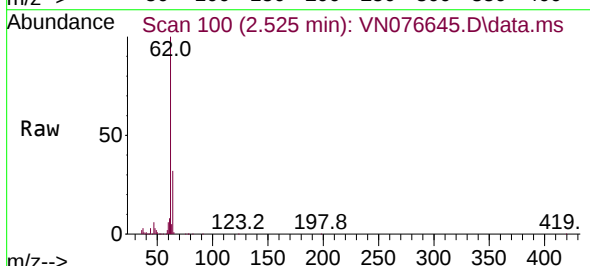
Manual Integrations
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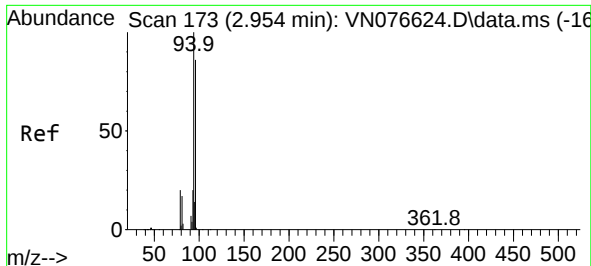
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#4
Vinyl Chloride
Concen: 49.746 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

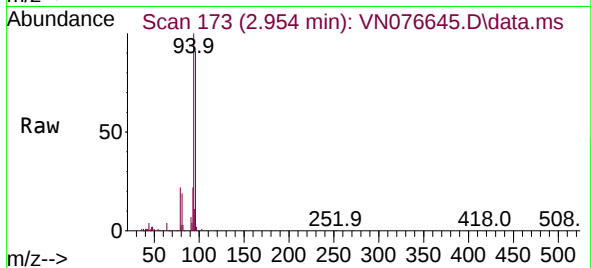
Tgt Ion: 62 Resp: 224675
Ion Ratio Lower Upper
62 100
64 30.5 23.9 35.9





#5
Bromomethane
Concen: 48.398 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

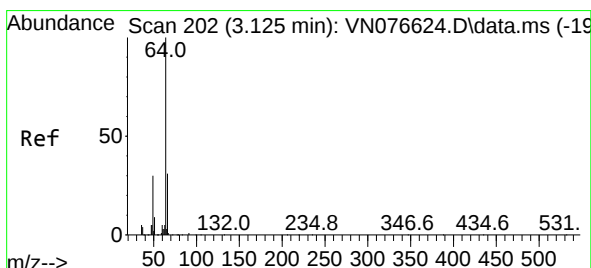
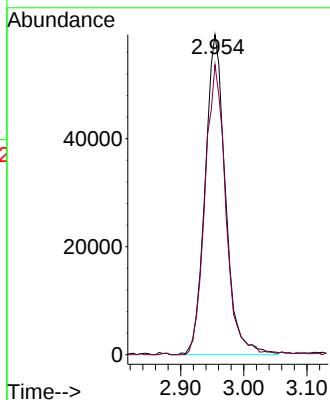
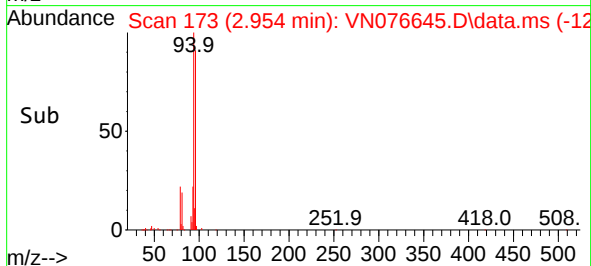
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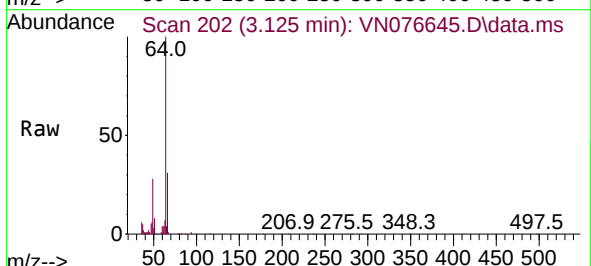
Tgt Ion: 94 Resp: 132444
Ion Ratio Lower Upper
94 100
96 90.6 69.0 103.4

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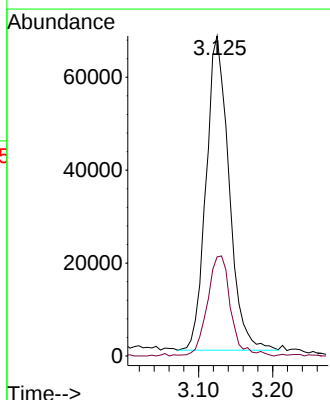
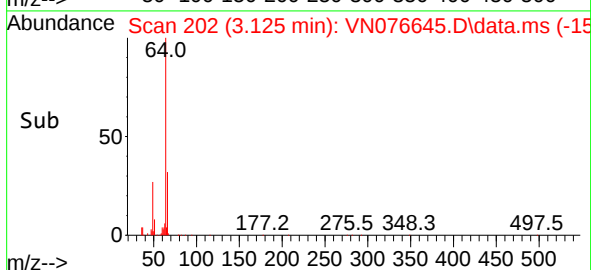
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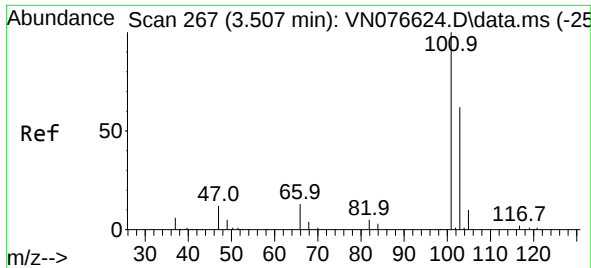


#6
Chloroethane
Concen: 51.060 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
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Acq: 13 Feb 2023 22:20



Tgt Ion: 64 Resp: 145739
Ion Ratio Lower Upper
64 100
66 31.3 24.6 37.0





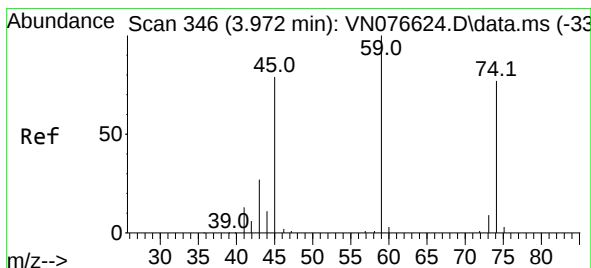
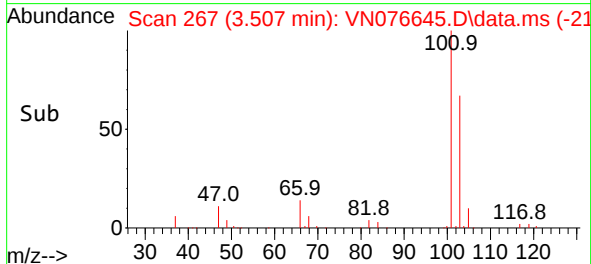
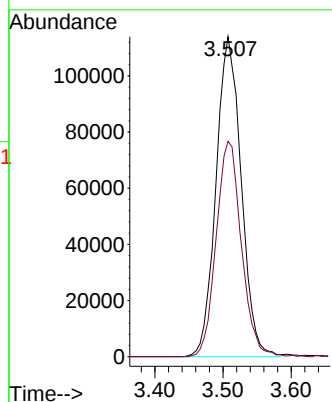
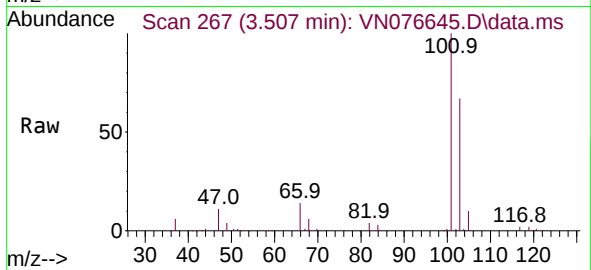
#7
Trichlorofluoromethane
Concen: 47.648 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion:101 Resp: 29280
Ion Ratio Lower Upper
101 100
103 67.3 49.4 74.2

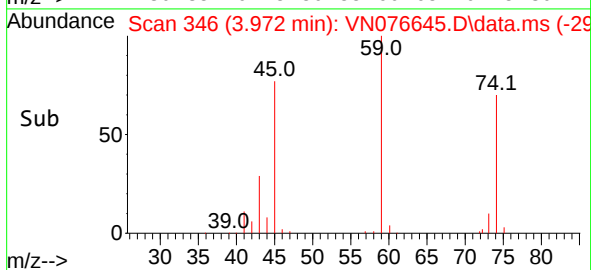
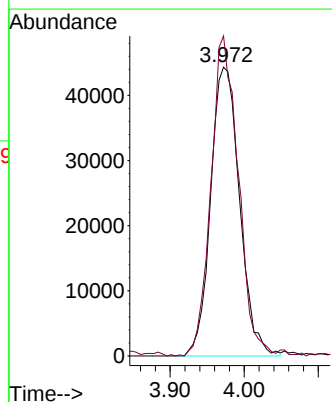
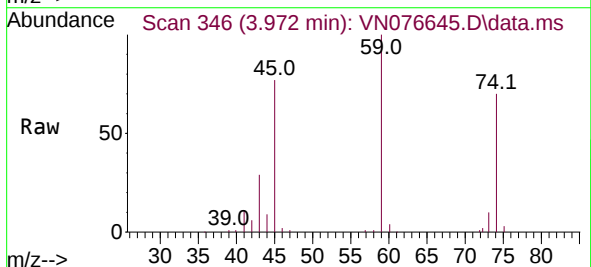
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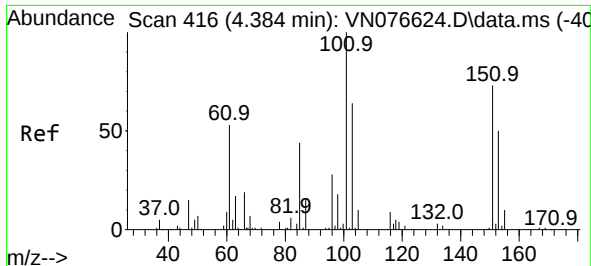
Reviewed By :John Carlone 02/14/2023
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#8
Diethyl Ether
Concen: 50.713 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Acq: 13 Feb 2023 22:20

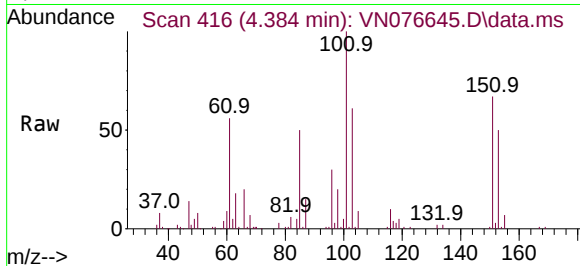
Tgt Ion: 74 Resp: 120085
Ion Ratio Lower Upper
74 100
45 104.6 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.863 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

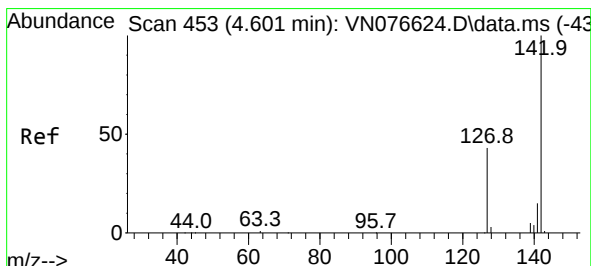
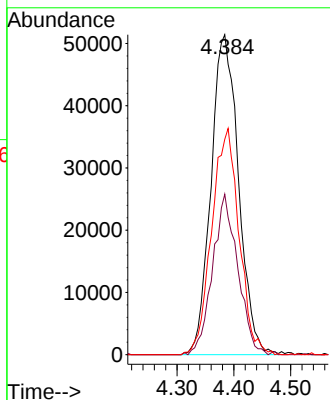
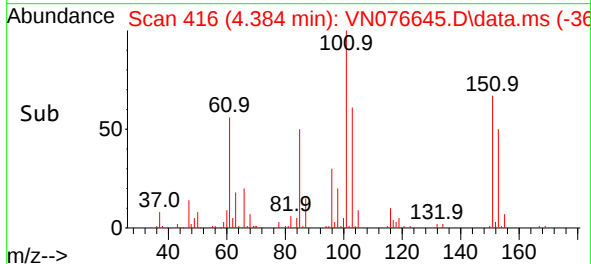
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion:101 Resp: 17282
Ion Ratio Lower Upper
101 100
85 45.9 37.4 56.0
151 70.4 58.7 88.1

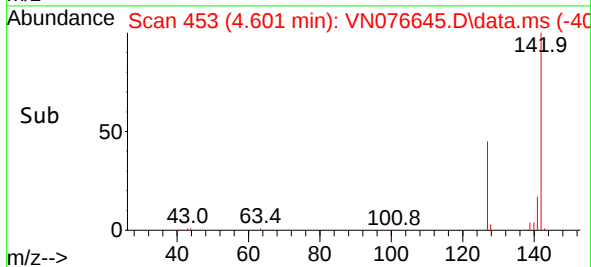
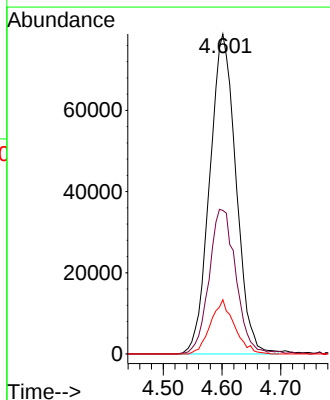
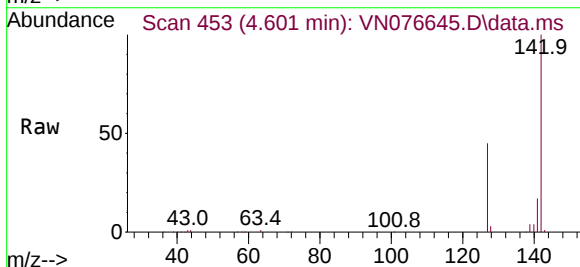
Manual Integrations
APPROVED

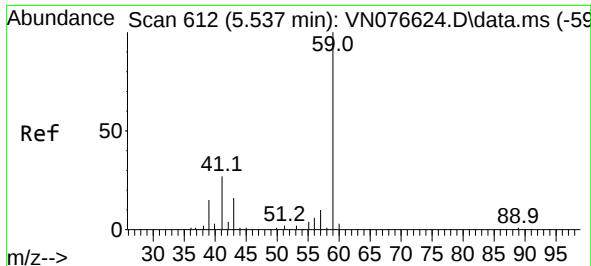
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 54.959 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

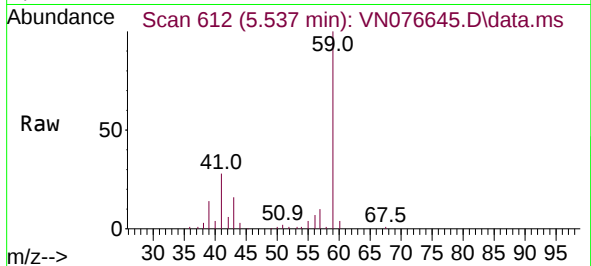
Tgt Ion:142 Resp: 245063
Ion Ratio Lower Upper
142 100
127 44.9 34.6 51.8
141 17.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 233.618 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

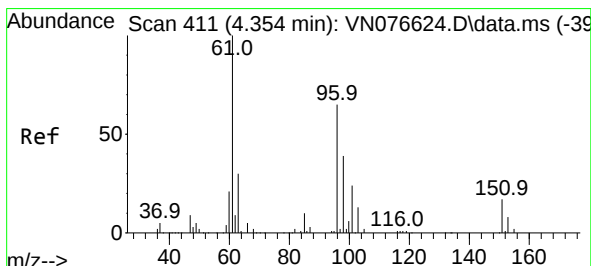
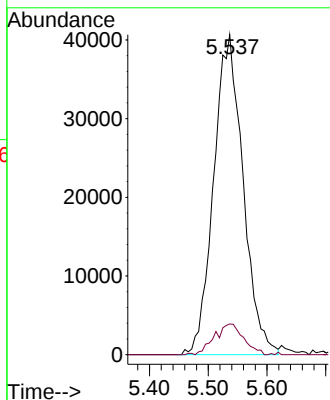
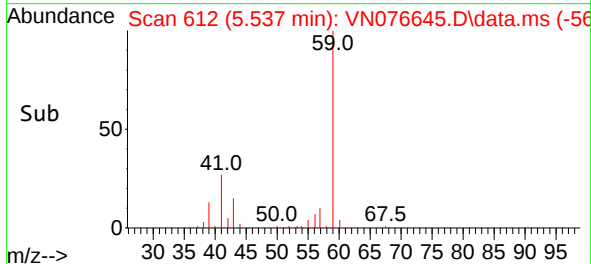
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 59 Resp: 14105
Ion Ratio Lower Upper
59 100
57 9.6 8.7 13.1

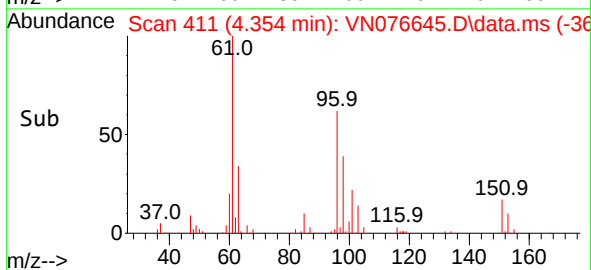
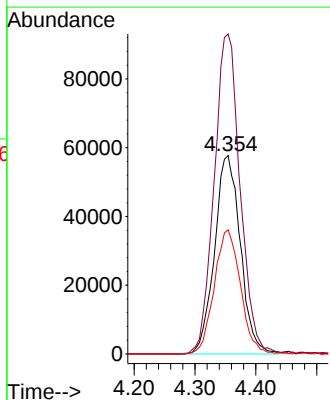
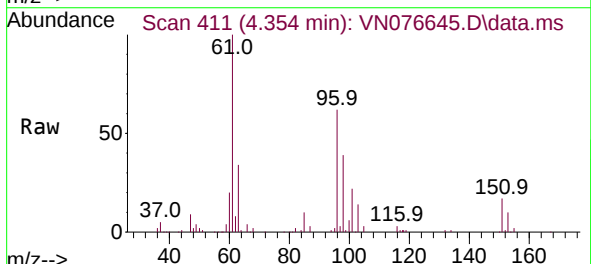
Manual Integrations
APPROVED

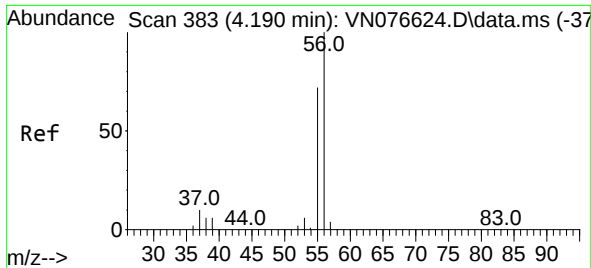
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#12
1,1-Dichloroethene
Concen: 49.761 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

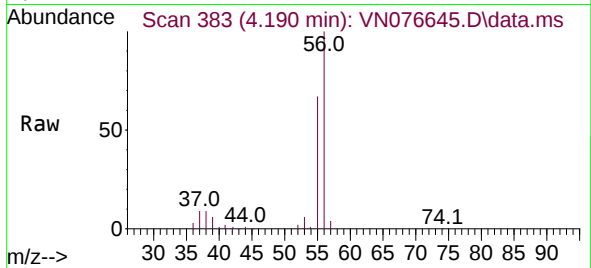
Tgt Ion: 96 Resp: 170140
Ion Ratio Lower Upper
96 100
61 161.3 123.8 185.6
98 62.6 48.4 72.6





#13
Acrolein
Concen: 256.355 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

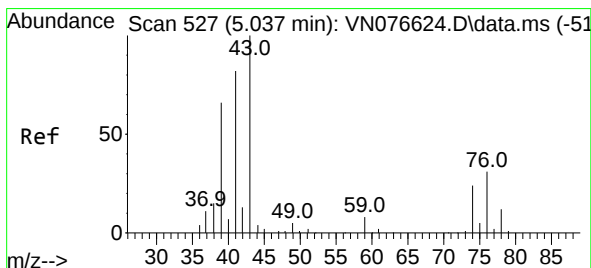
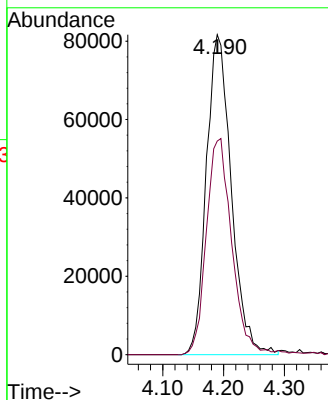
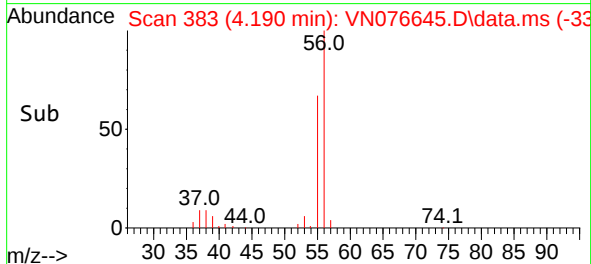
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 56 Resp: 232370
Ion Ratio Lower Upper
56 100
55 68.6 56.3 84.5

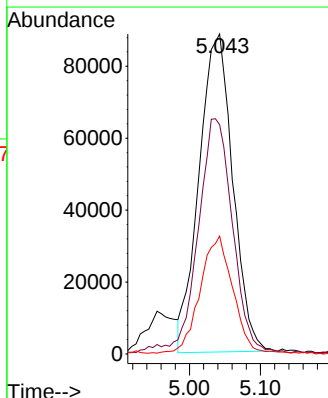
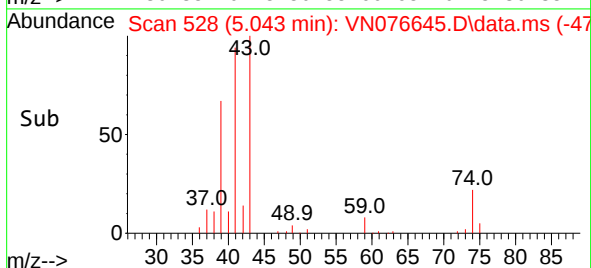
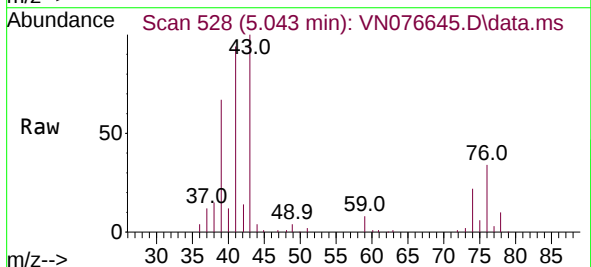
Manual Integrations
APPROVED

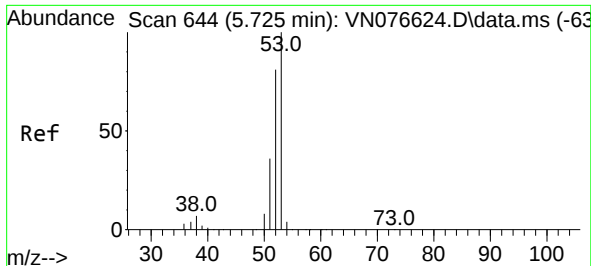
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14
Allyl chloride
Concen: 49.314 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

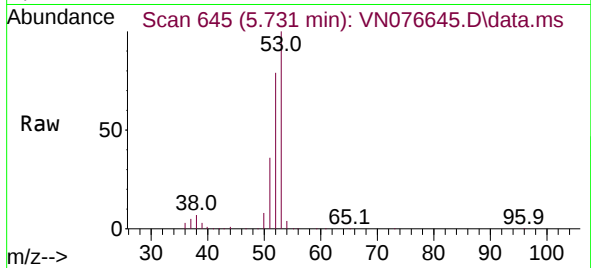
Tgt Ion: 41 Resp: 292154
Ion Ratio Lower Upper
41 100
39 73.9 62.3 93.5
76 35.4 27.0 40.6





#15
Acrylonitrile
Concen: 248.881 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

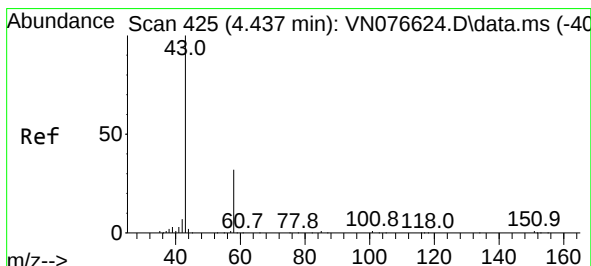
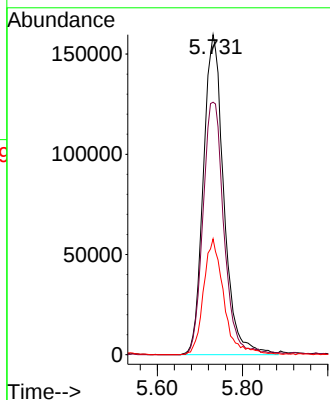
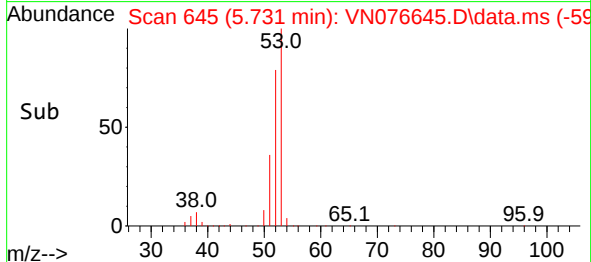
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 53 Resp: 53328
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 35.9 29.2 43.8

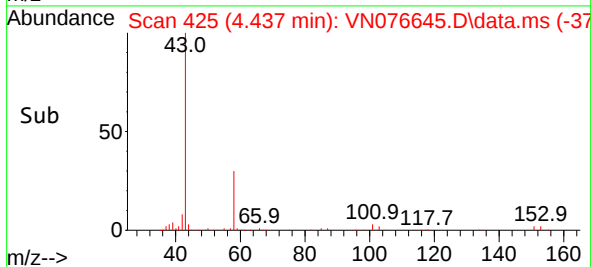
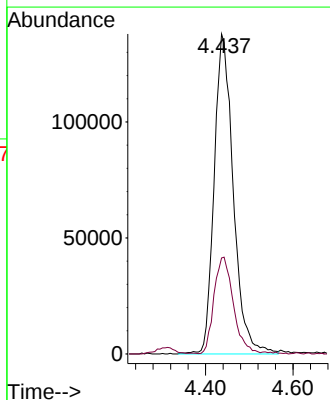
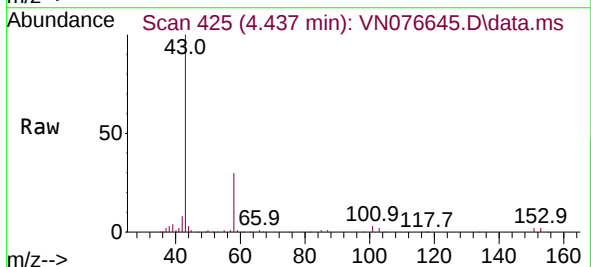
Manual Integrations
APPROVED

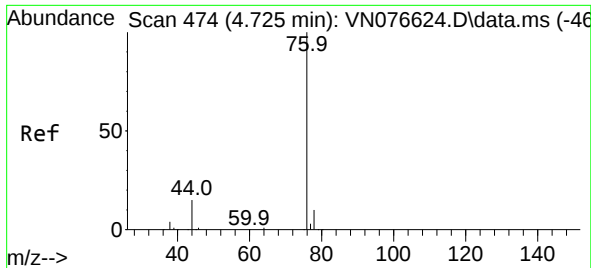
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 204.938 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

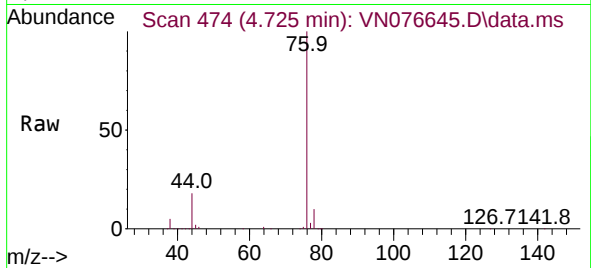
Tgt Ion: 43 Resp: 418729
Ion Ratio Lower Upper
43 100
58 29.8 25.9 38.9





#17
Carbon Disulfide
Concen: 50.270 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

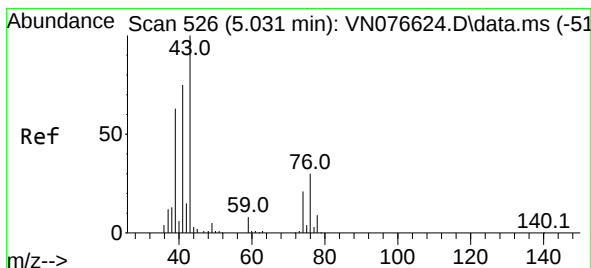
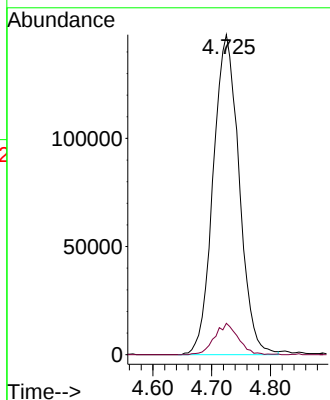
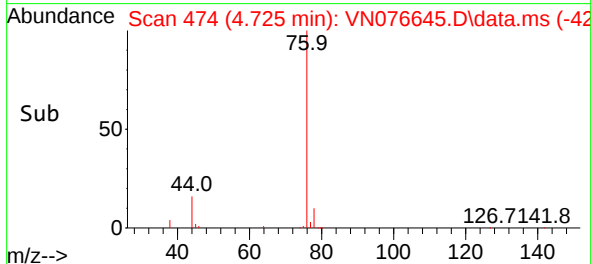
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 76 Resp: 453814
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

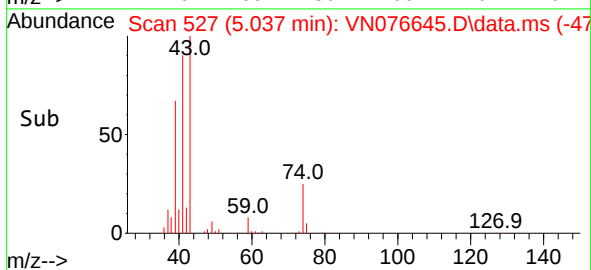
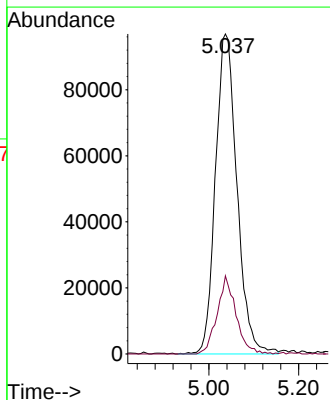
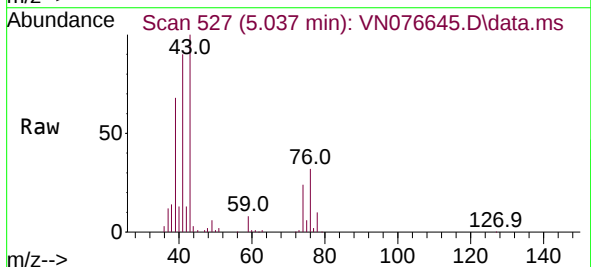
Manual Integrations
APPROVED

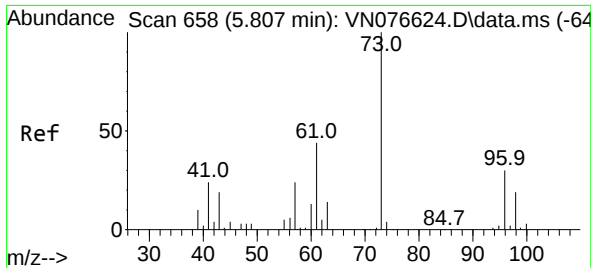
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#18
Methyl Acetate
Concen: 48.421 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 43 Resp: 322933
Ion Ratio Lower Upper
43 100
74 21.4 17.7 26.5





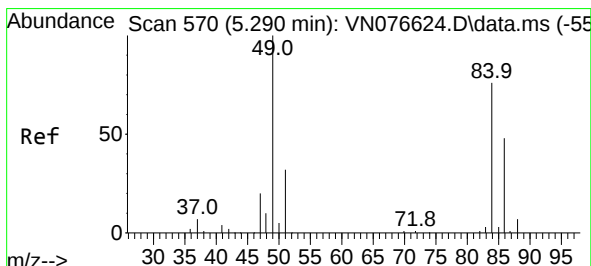
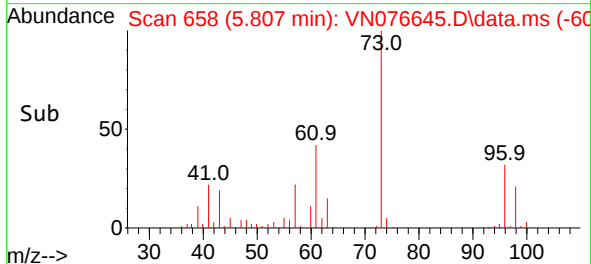
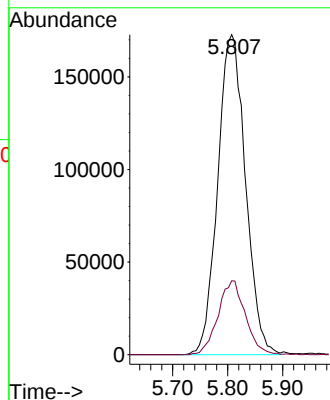
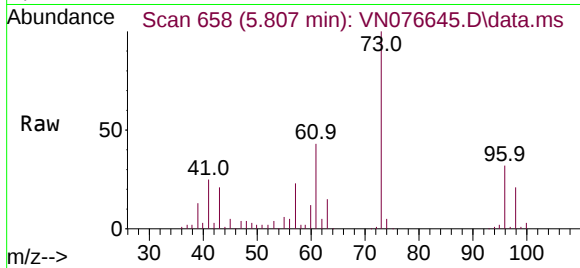
#19
Methyl tert-butyl Ether
Concen: 52.634 ug/l
RT: 5.807 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion: 73 Resp: 606729
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4

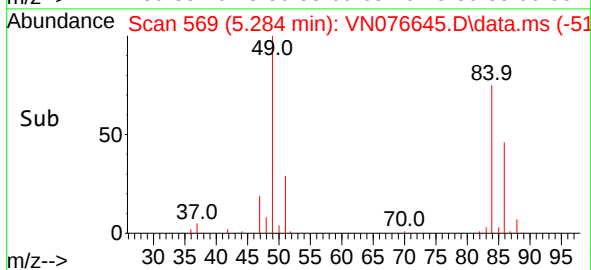
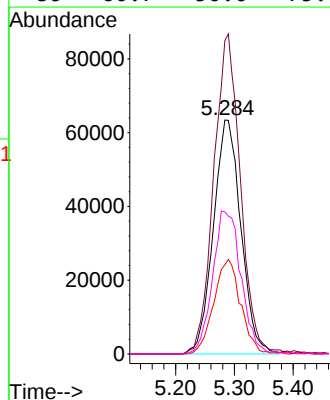
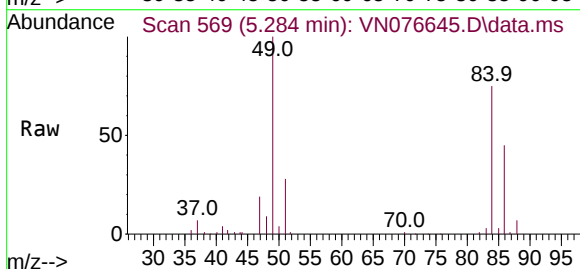
Manual Integrations
APPROVED

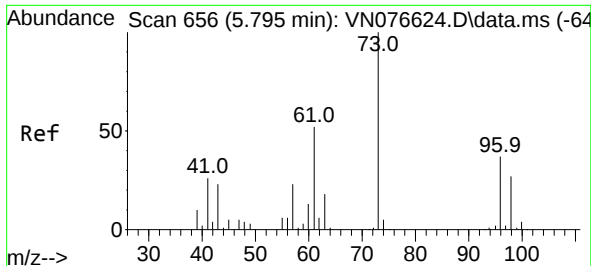
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 48.086 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 84 Resp: 205913
Ion Ratio Lower Upper
84 100
49 134.0 104.9 157.3
51 38.1 33.8 50.8
86 60.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 49.670 ug/l

RT: 5.790 min Scan# 611

Delta R.T. -0.006 min

Lab File: VN076645.D

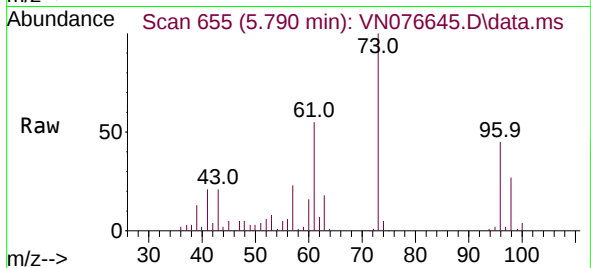
Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD



Tgt Ion: 96 Resp: 19117

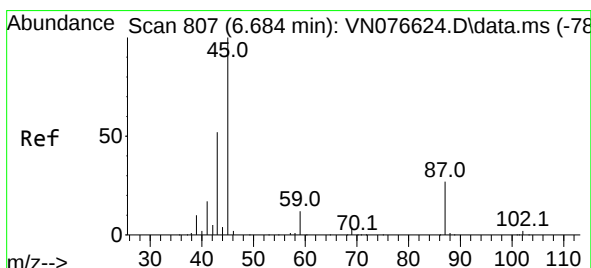
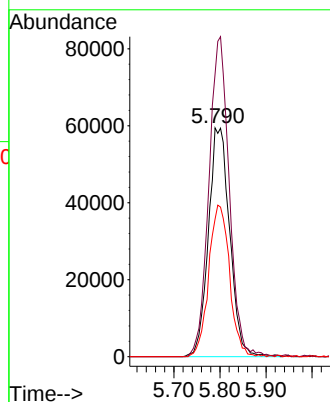
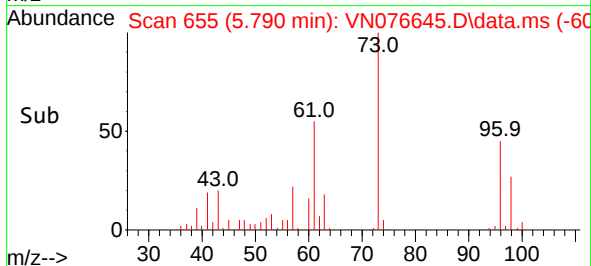
Ion	Ratio	Lower	Upper
96	100		
61	123.6	113.9	170.9
98	60.1	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#22

Diisopropyl ether

Concen: 52.362 ug/l

RT: 6.684 min Scan# 807

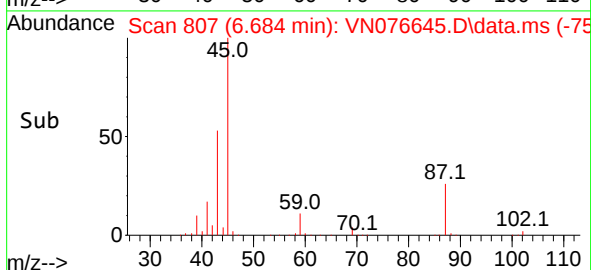
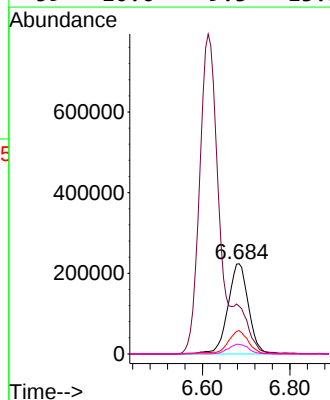
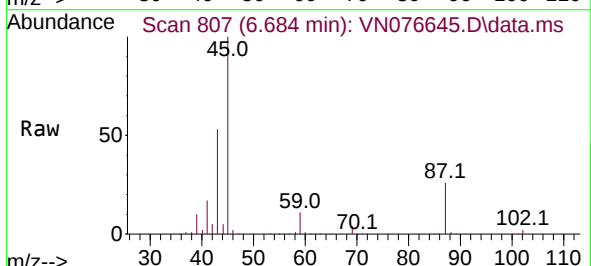
Delta R.T. -0.000 min

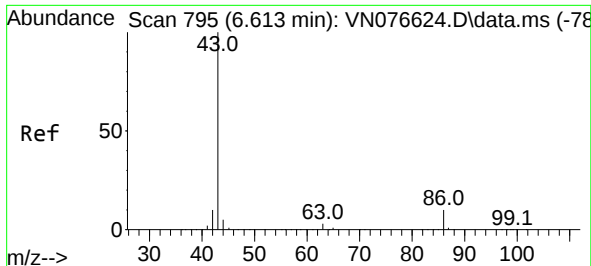
Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Tgt Ion: 45 Resp: 727590

Ion	Ratio	Lower	Upper
45	100		
43	52.6	41.8	62.6
87	25.9	21.8	32.8
59	10.6	9.3	13.9





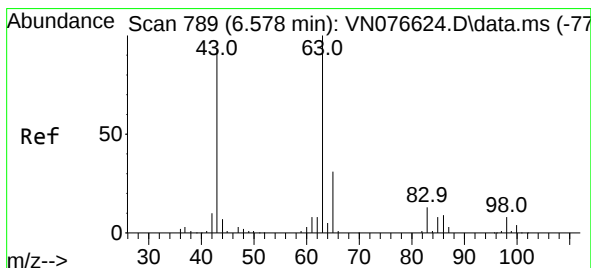
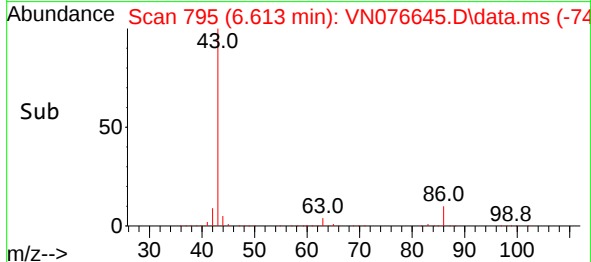
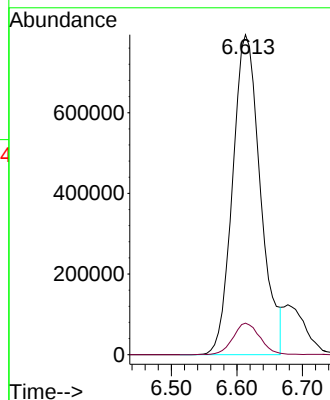
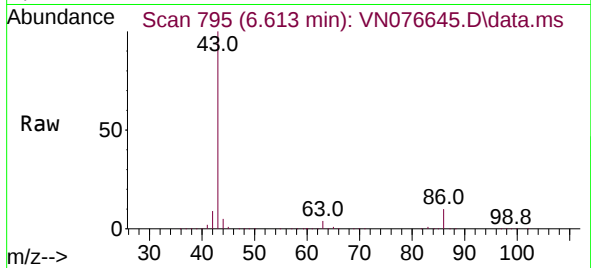
#23
 Vinyl Acetate
 Concen: 284.758 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076645.D
 Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
 ClientSampleId :
 OWBR-02-160-180-021023MSD

Tgt Ion: 43 Resp: 2341108
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

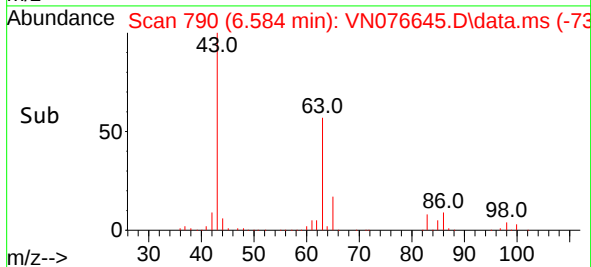
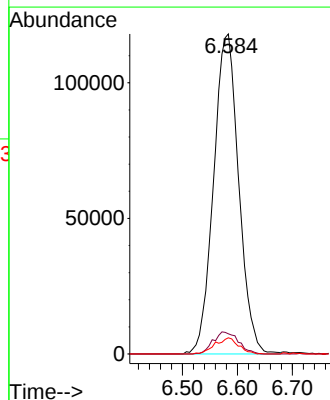
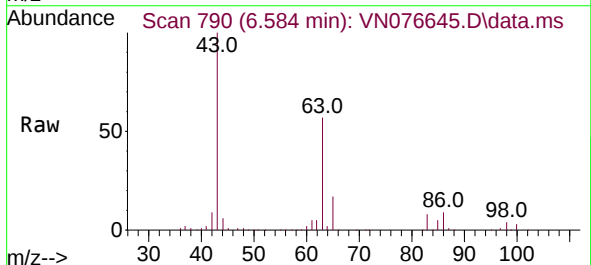
Manual Integrations
 APPROVED

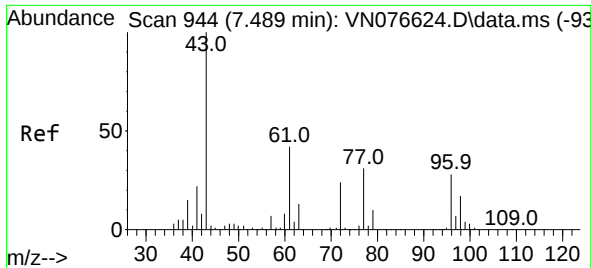
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 49.212 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076645.D
 Acq: 13 Feb 2023 22:20

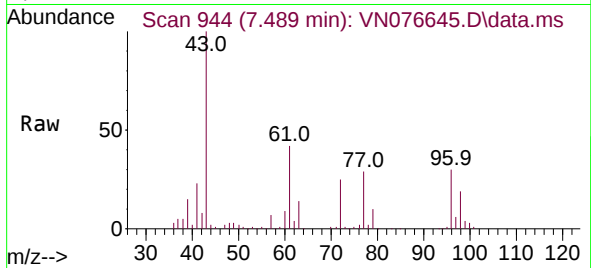
Tgt Ion: 63 Resp: 374768
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.1 12.3
 100 5.0 2.0 5.8





#25
2-Butanone
Concen: 241.370 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

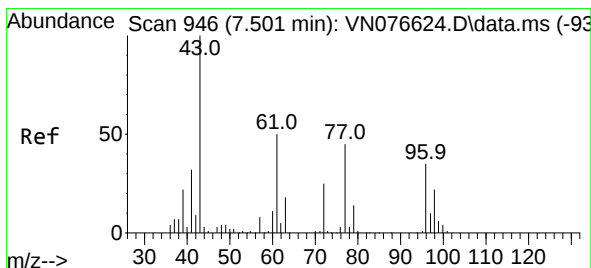
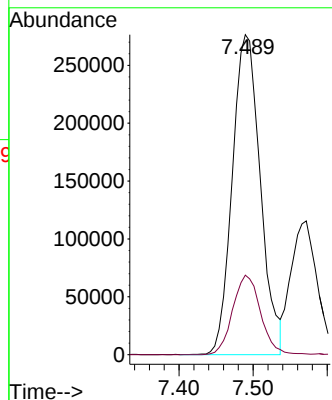
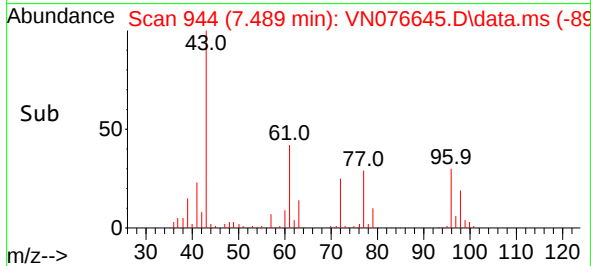
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 43 Resp: 72745
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

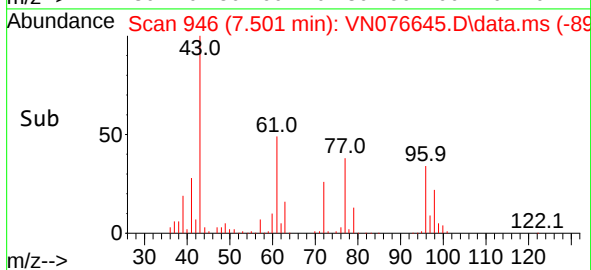
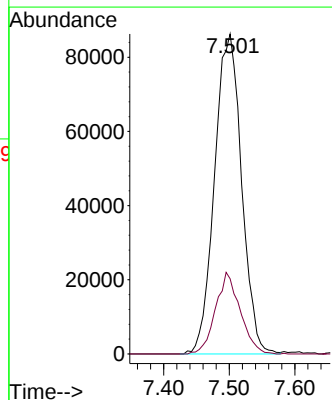
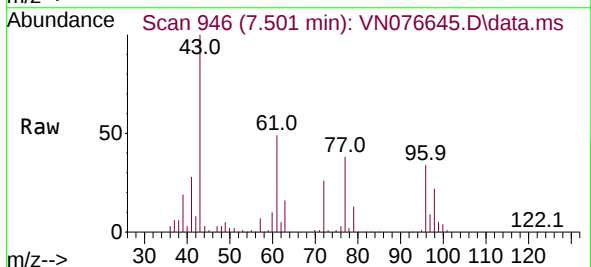
Manual Integrations
APPROVED

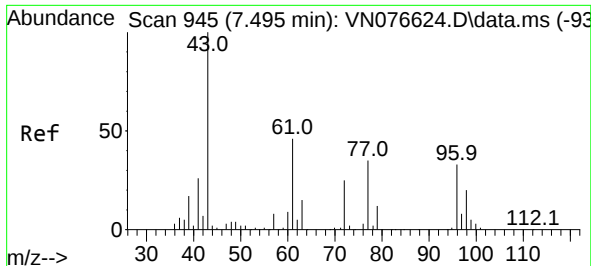
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 44.927 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

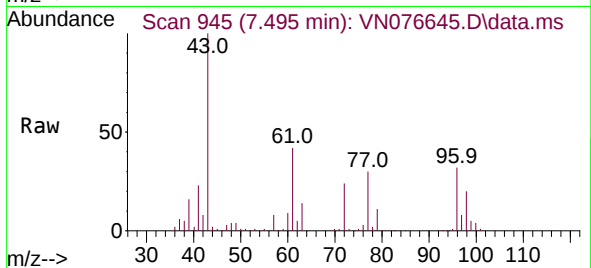
Tgt Ion: 77 Resp: 246779
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 49.550 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

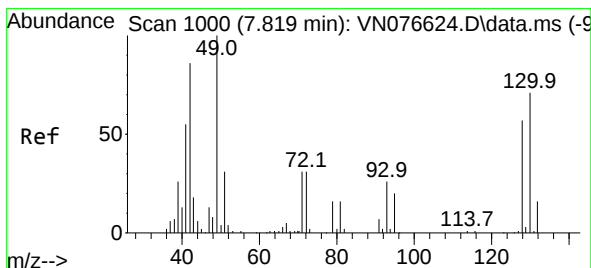
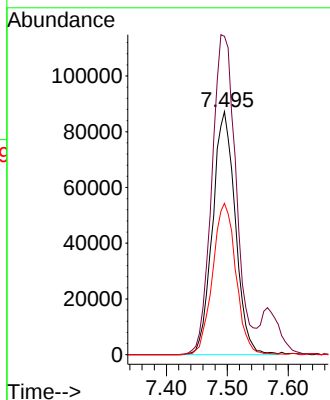
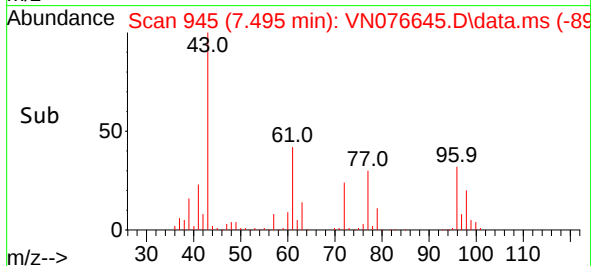
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 96 Resp: 226195
Ion Ratio Lower Upper
96 100
61 140.6 0.0 286.8
98 63.9 0.0 124.0

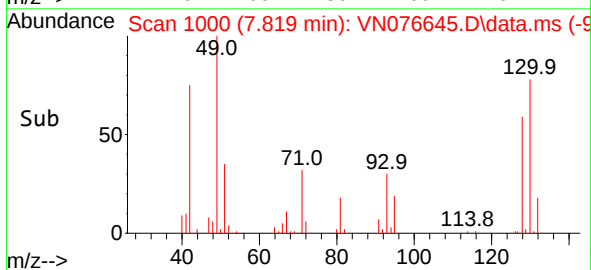
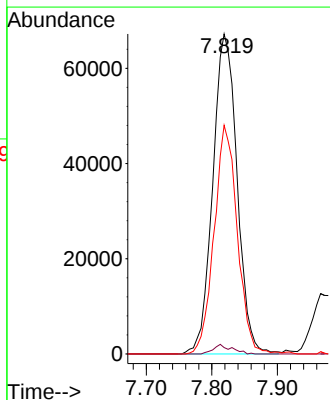
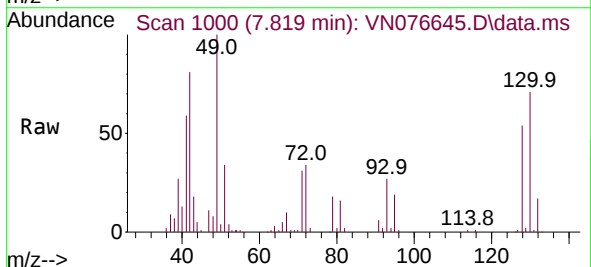
Manual Integrations
APPROVED

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



#28
Bromochloromethane
Concen: 47.724 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 49 Resp: 172975
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 68.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 252.018 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN076645.D

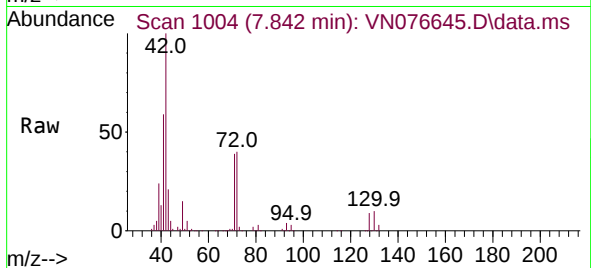
Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD



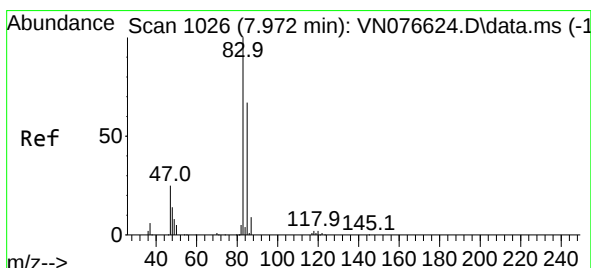
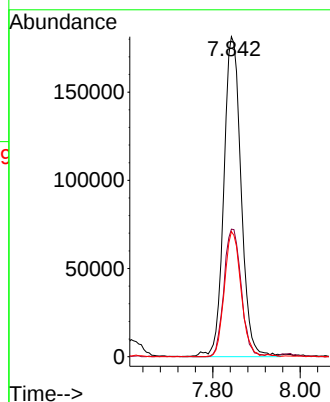
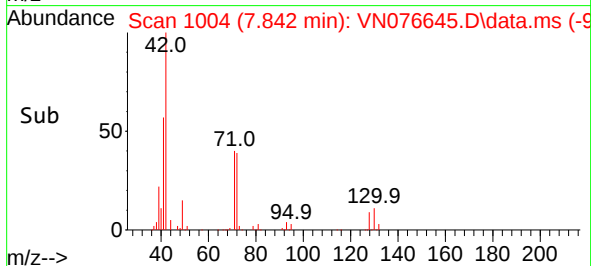
Tgt Ion:	42	Resp:	49625
Ion Ratio	100	Lower	Upper
42	100		
72	39.7	31.5	47.3
71	37.6	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 49.266 ug/l

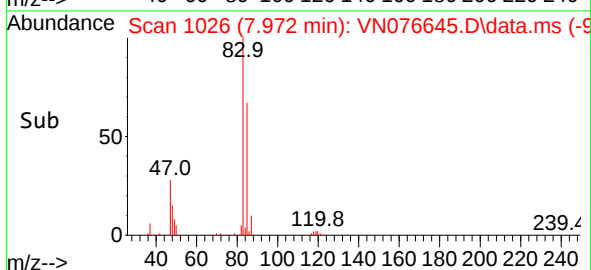
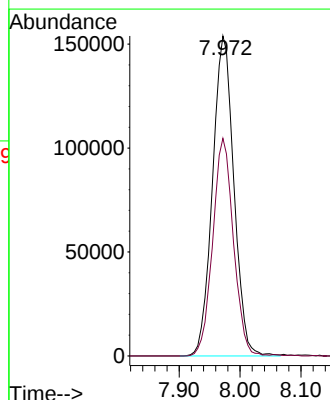
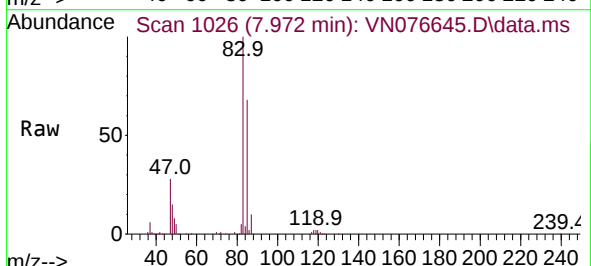
RT: 7.972 min Scan# 1026

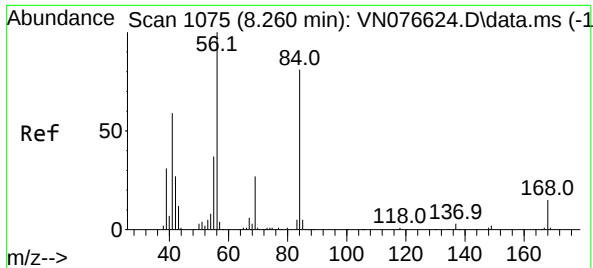
Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

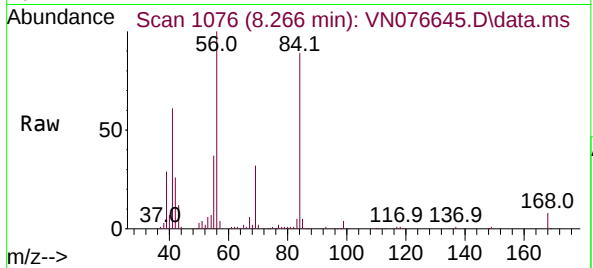
Tgt Ion:	83	Resp:	374855
Ion Ratio	100	Lower	Upper
83	100		
85	68.0	53.5	80.3





#31
Cyclohexane
Concen: 47.407 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

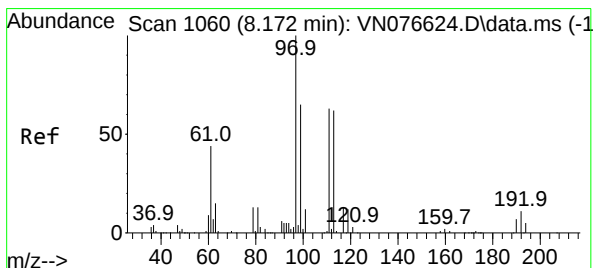
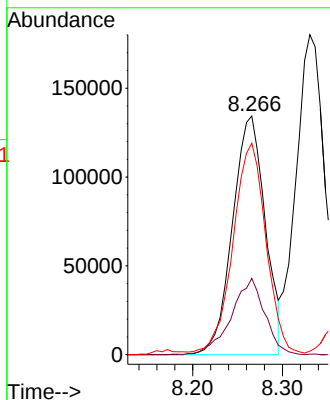
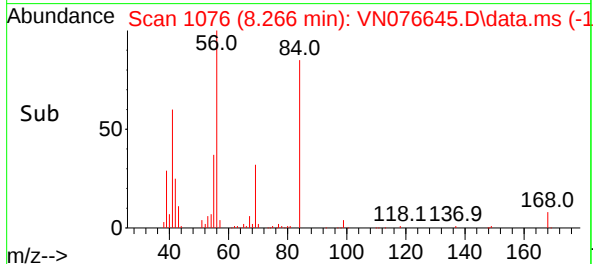
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 56 Resp: 34015
Ion Ratio Lower Upper
56 100
69 31.7 21.6 32.4
84 87.4 65.1 97.7

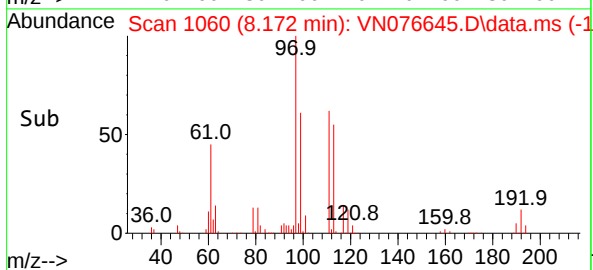
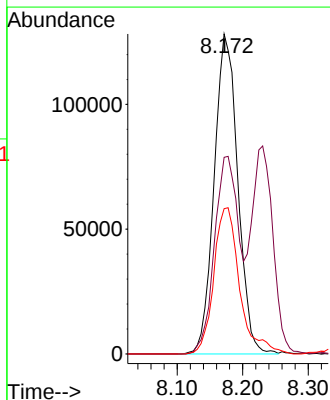
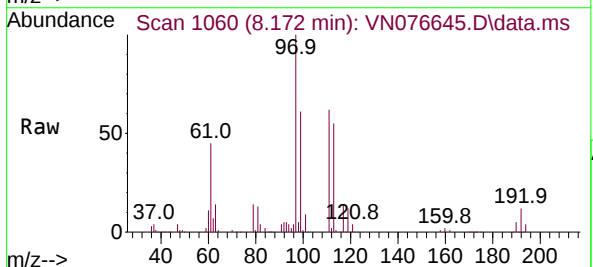
Manual Integrations
APPROVED

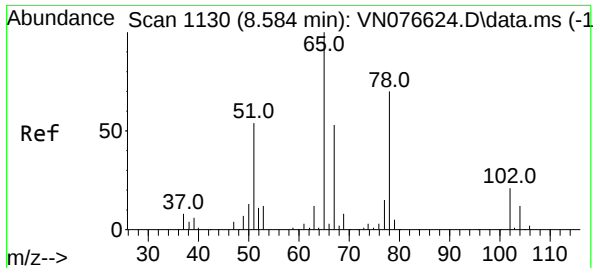
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#32
1,1,1-Trichloroethane
Concen: 50.131 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 97 Resp: 320710
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 50.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 47.405 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD

Tgt Ion: 65 Resp: 21683

Ion Ratio Lower Upper

65 100

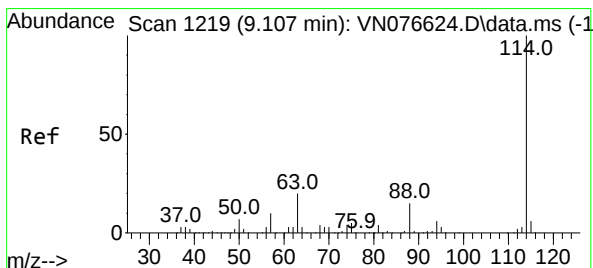
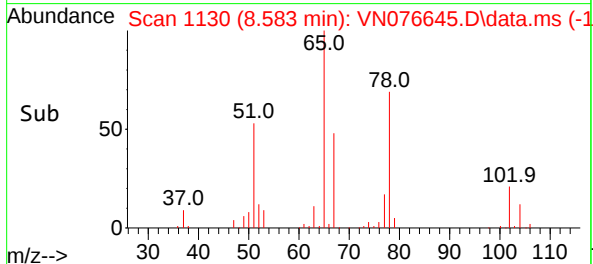
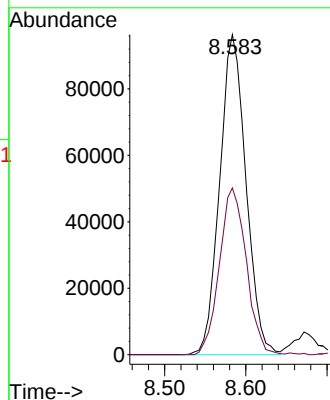
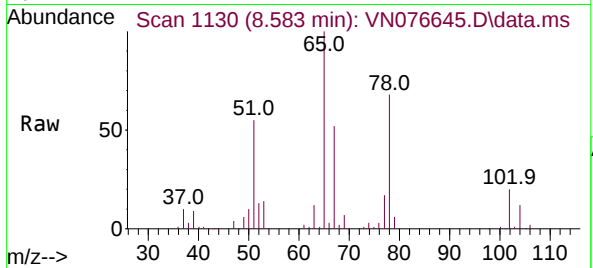
67 53.2 0.0 105.6

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: VN076645.D

Acq: 13 Feb 2023 22:20

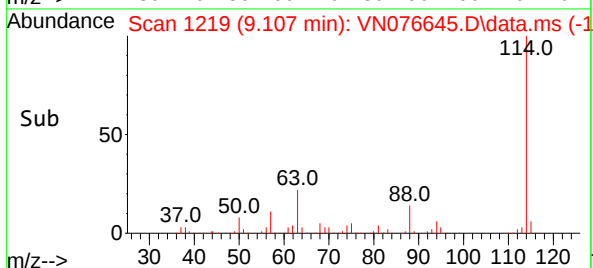
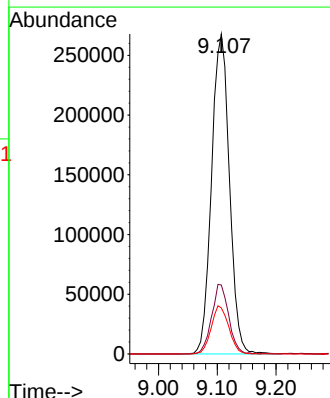
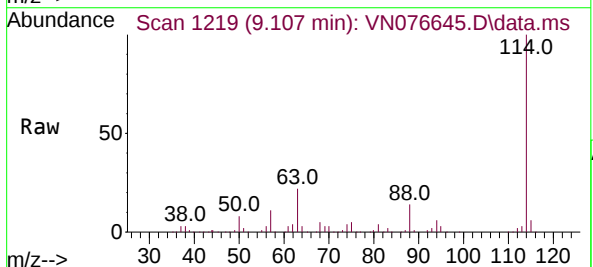
Tgt Ion:114 Resp: 565569

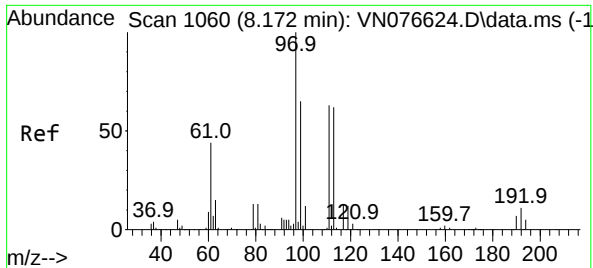
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

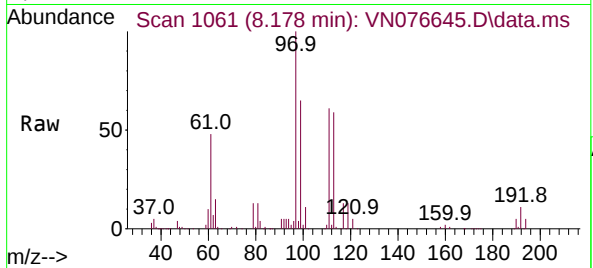
88 14.4 0.0 29.6





#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

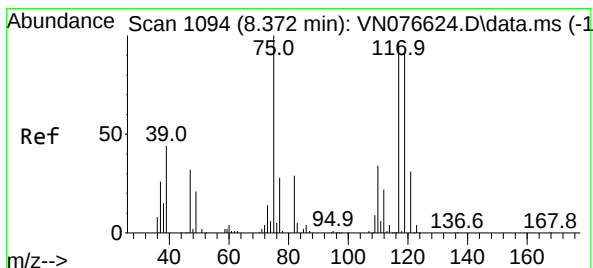
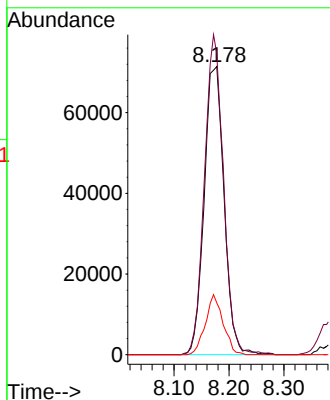
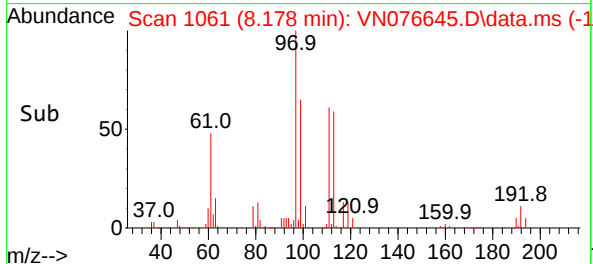
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 113 Resp: 180080
Ion Ratio Lower Upper
113 100
111 106.2 83.1 124.7
192 18.5 15.6 23.4

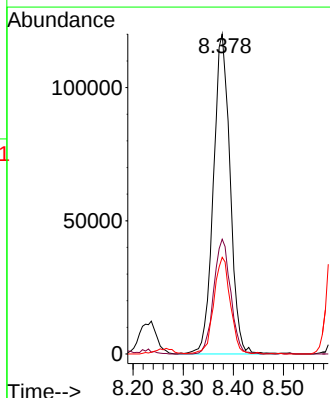
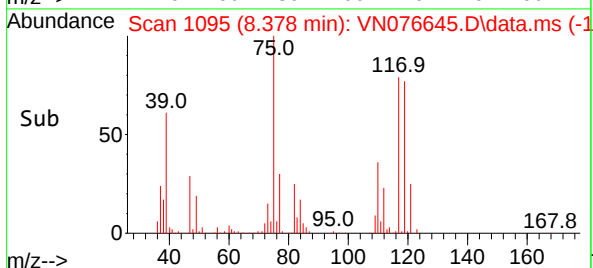
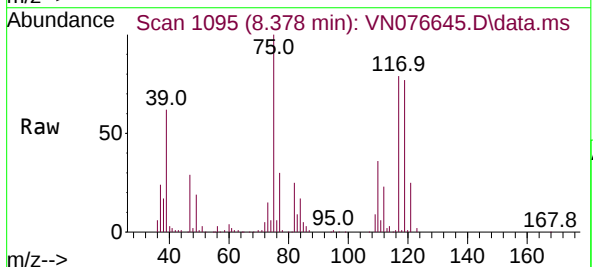
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 51.846 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 75 Resp: 277449
Ion Ratio Lower Upper
75 100
110 36.2 17.5 52.5
77 29.5 24.5 36.7





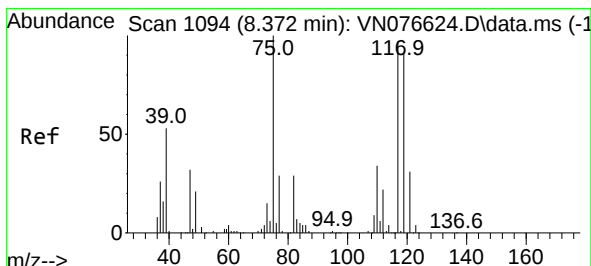
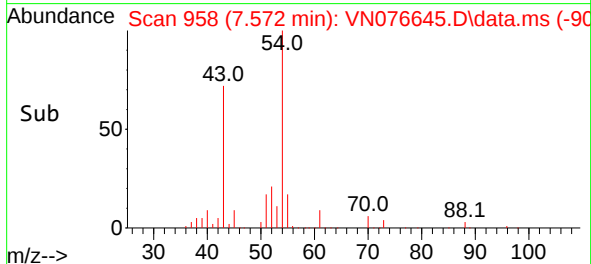
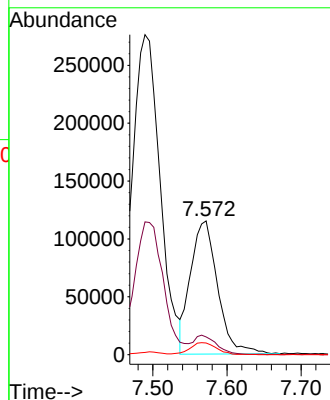
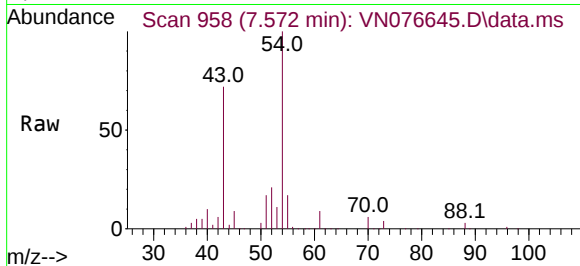
#37
Ethyl Acetate
Concen: 51.974 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion: 43 Resp: 29263
Ion Ratio Lower Upper
43 100
61 11.8 9.9 14.9
70 8.9 7.8 11.6

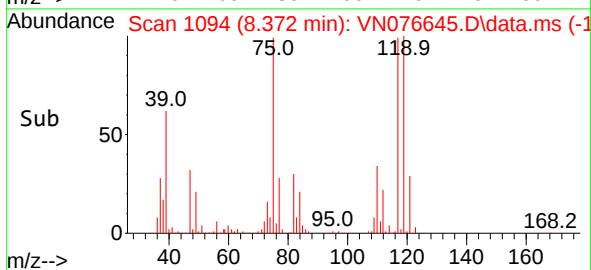
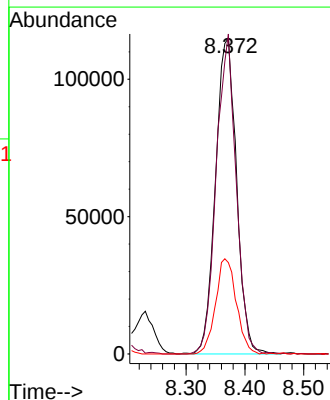
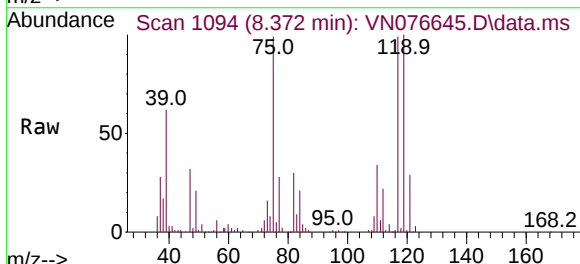
Manual Integrations
APPROVED

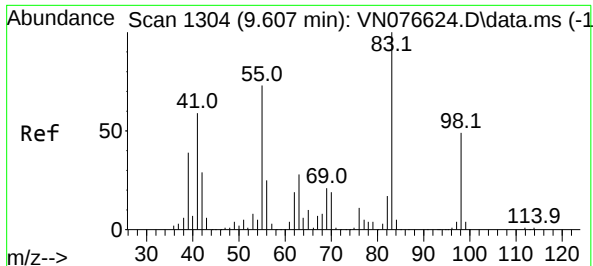
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 52.890 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion:117 Resp: 285522
Ion Ratio Lower Upper
117 100
119 101.3 75.4 113.0
121 28.9 26.0 39.0





#39

Methylcyclohexane

Concen: 54.923 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD

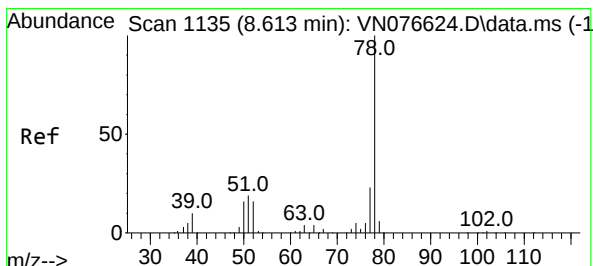
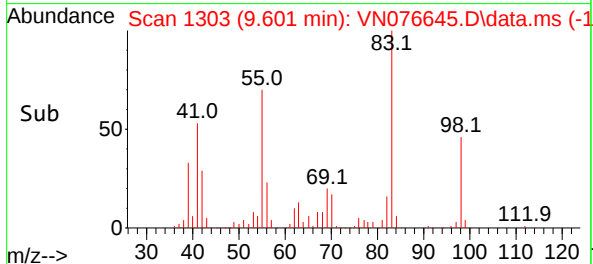
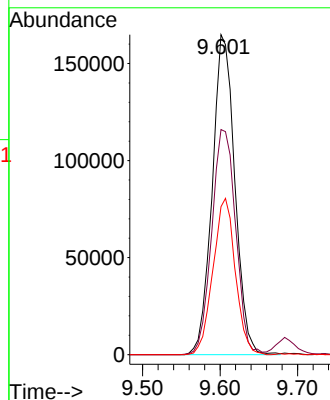
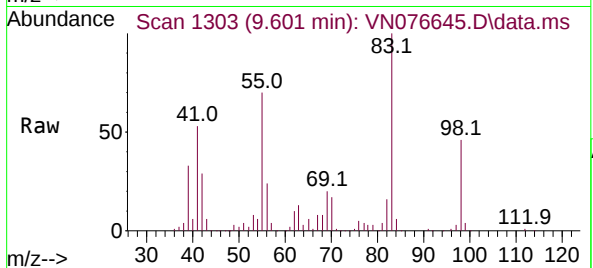
Tgt Ion: 83 Resp: 334090
 Ion Ratio Lower Upper
 83 100
 55 70.3 58.6 88.0
 98 46.2 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 52.716 ug/l

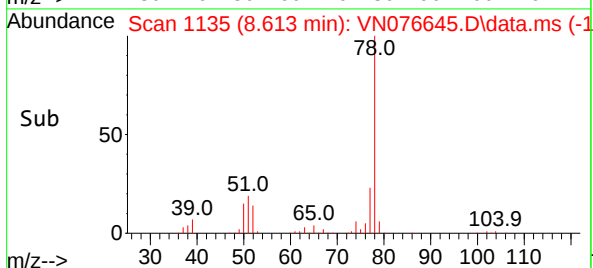
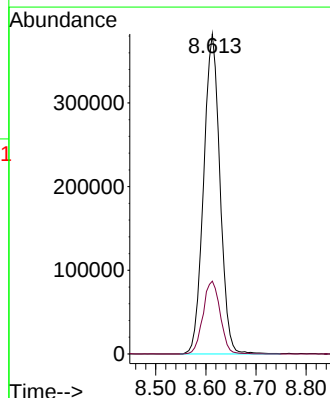
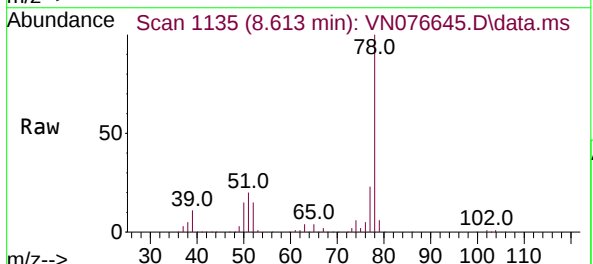
RT: 8.613 min Scan# 1135

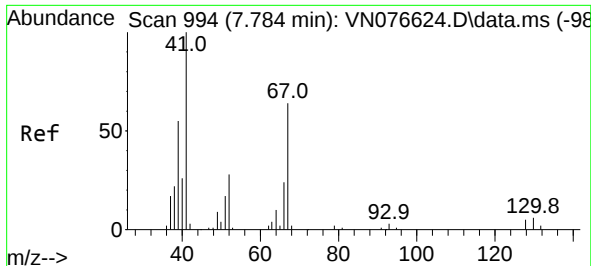
Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

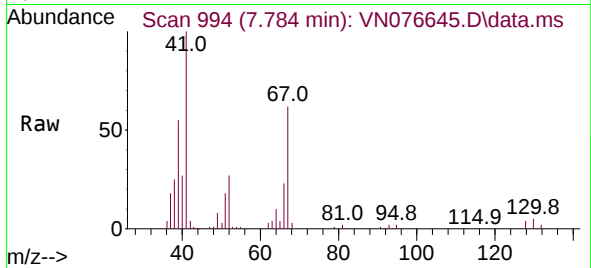
Tgt Ion: 78 Resp: 866326
 Ion Ratio Lower Upper
 78 100
 77 22.7 18.2 27.4





#41
Methacrylonitrile
Concen: 53.463 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

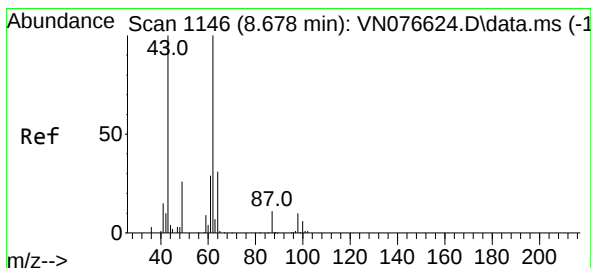
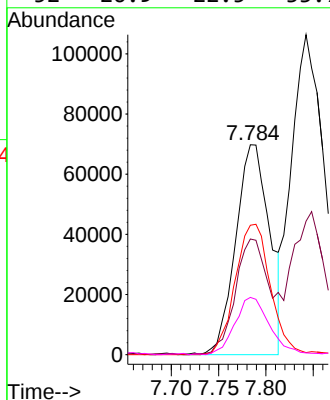
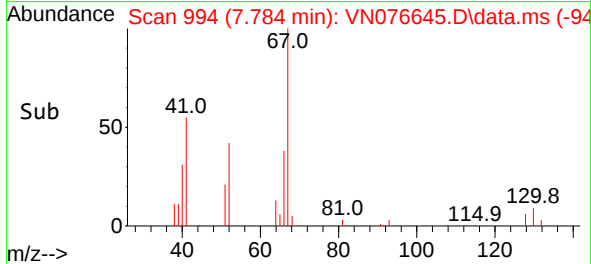
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 41 Resp: 17438
Ion Ratio Lower Upper
41 100
39 51.5 42.6 63.8
67 65.1 51.4 77.0
52 26.9 22.5 33.7

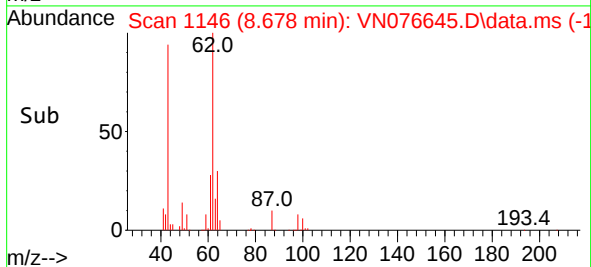
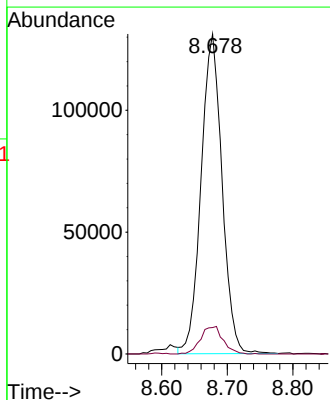
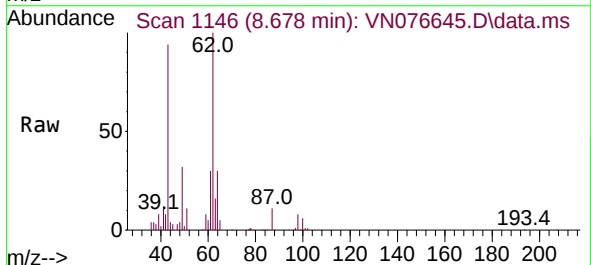
Manual Integrations
APPROVED

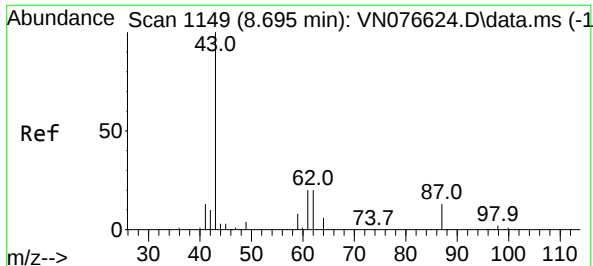
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42
1,2-Dichloroethane
Concen: 50.878 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

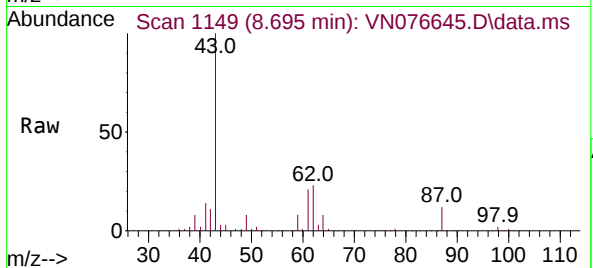
Tgt Ion: 62 Resp: 291610
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 54.340 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

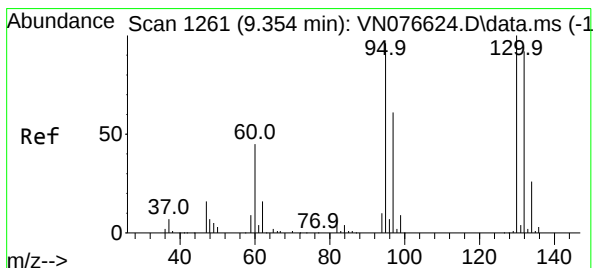
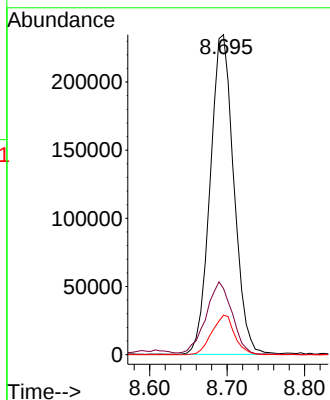
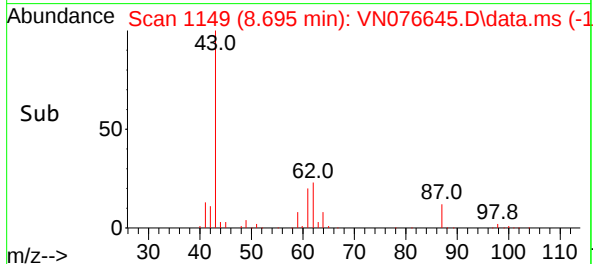
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 43 Resp: 497860
Ion Ratio Lower Upper
43 100
61 24.9 20.0 30.0
87 11.9 9.9 14.9

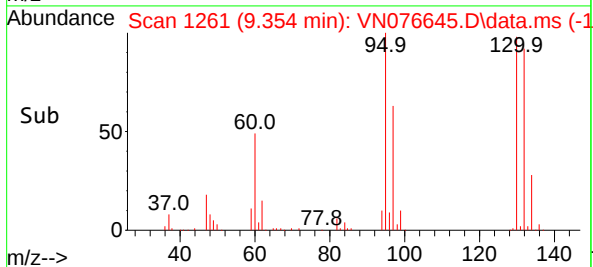
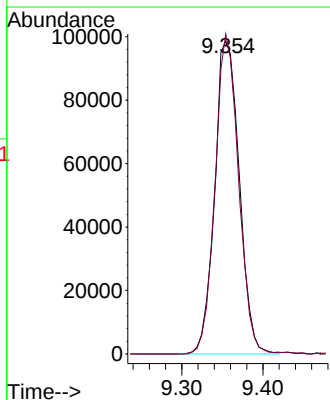
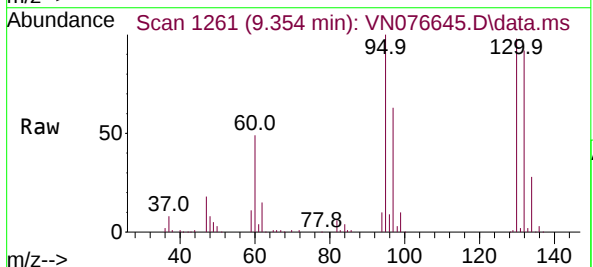
Manual Integrations
APPROVED

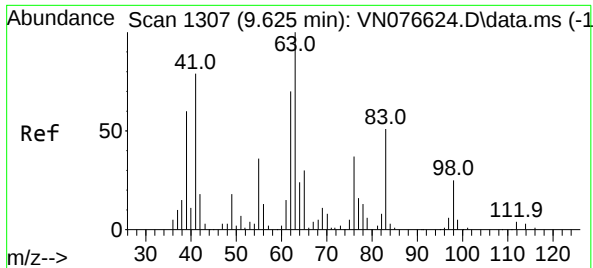
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#44
Trichloroethene
Concen: 53.434 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion:130 Resp: 207511
Ion Ratio Lower Upper
130 100
95 102.3 0.0 191.4





#45

1,2-Dichloropropane

Concen: 51.676 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD

Tgt Ion: 63 Resp: 224800

Ion Ratio Lower Upper

63 100

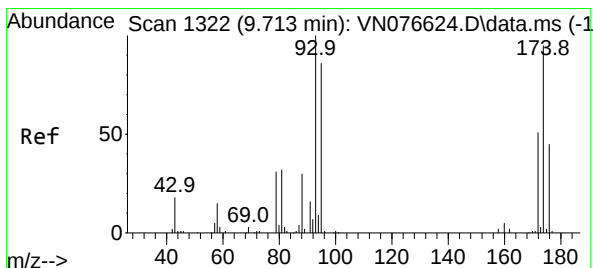
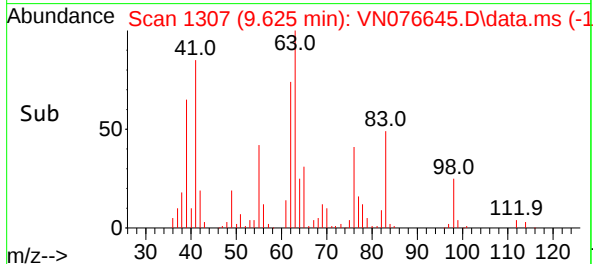
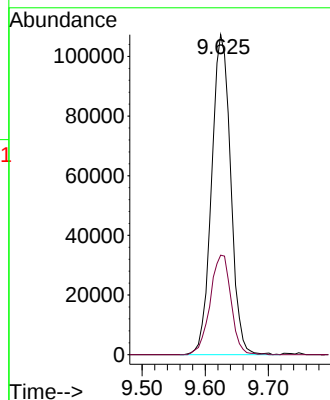
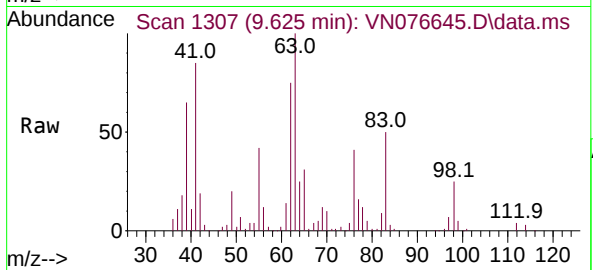
65 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 52.246 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

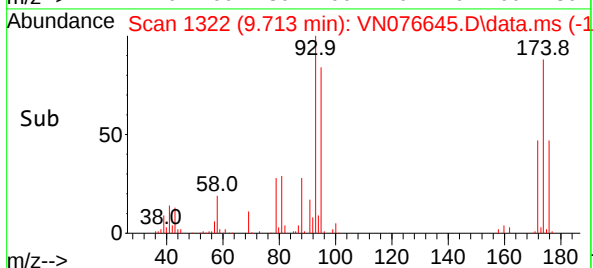
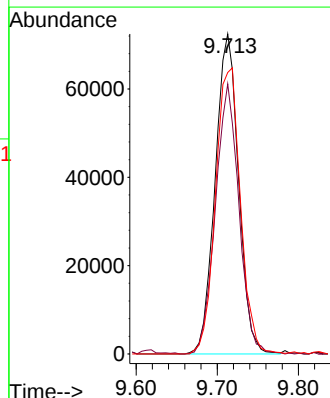
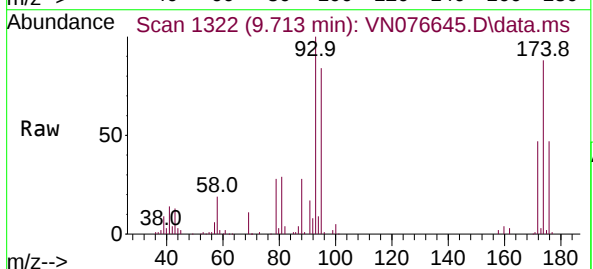
Tgt Ion: 93 Resp: 145306

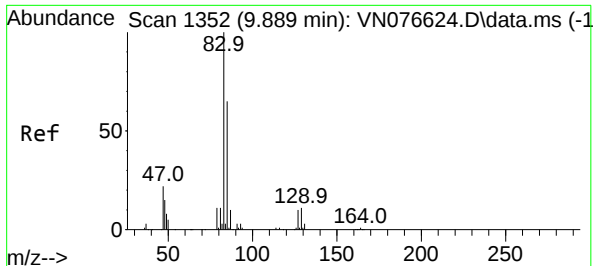
Ion Ratio Lower Upper

93 100

95 84.7 66.0 99.0

174 95.1 75.8 113.8





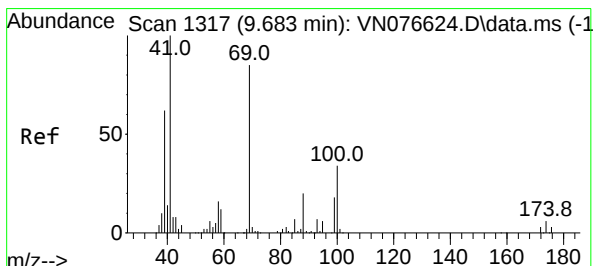
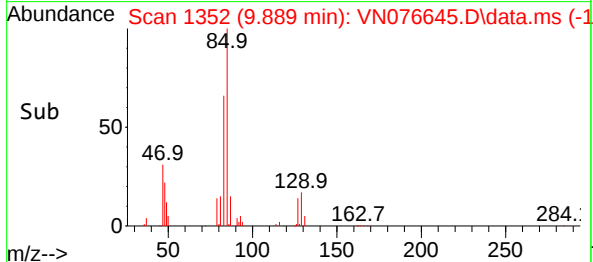
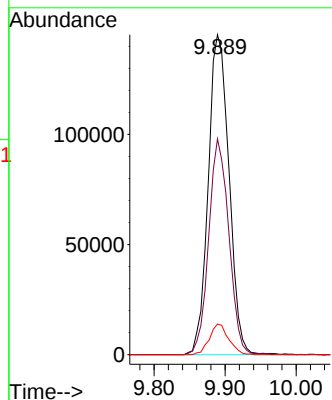
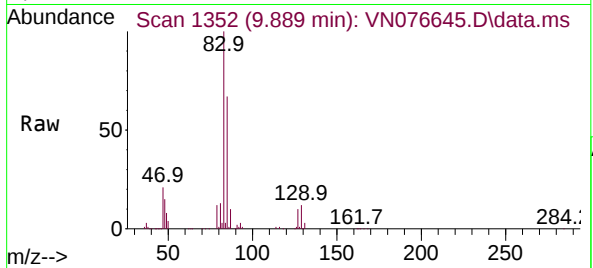
#47
Bromodichloromethane
Concen: 52.969 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId : OWBR-02-160-180-021023MSD

Tgt Ion: 83 Resp: 295354
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.6
127 9.6 7.9 11.9

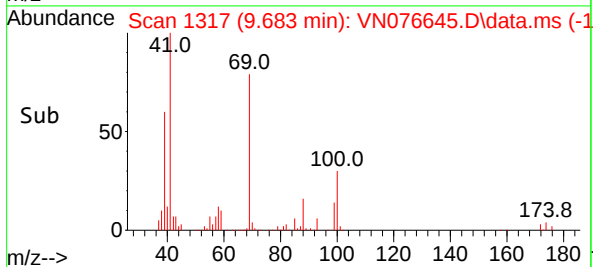
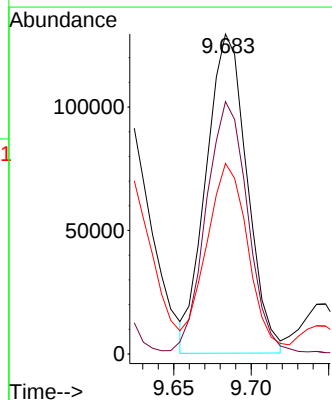
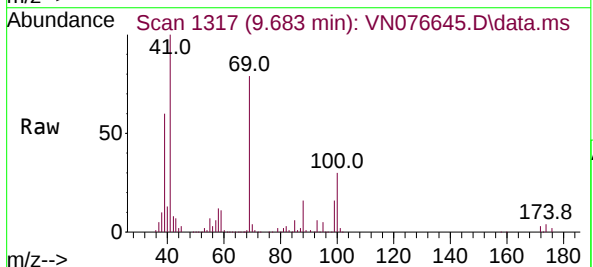
Manual Integrations
APPROVED

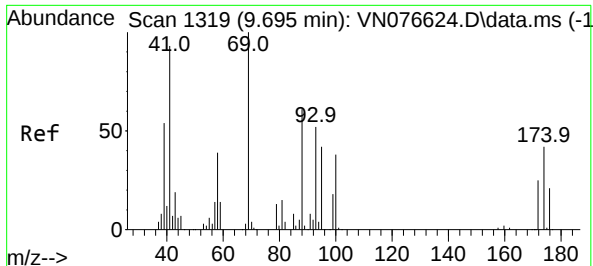
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 54.597 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 41 Resp: 237364
Ion Ratio Lower Upper
41 100
69 81.1 65.4 98.0
39 61.9 49.3 73.9





#49

1,4-Dioxane

Concen: 1049.989 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD

Tgt Ion: 88 Resp: 78964

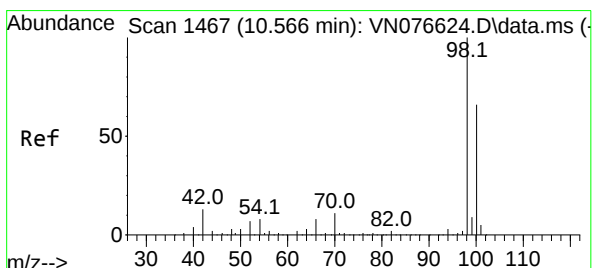
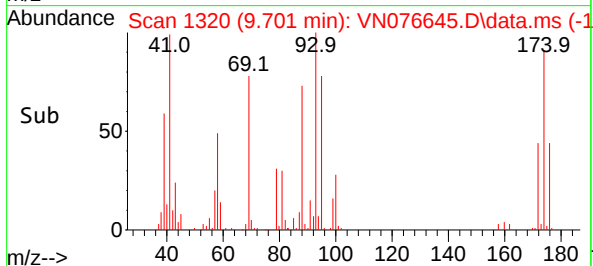
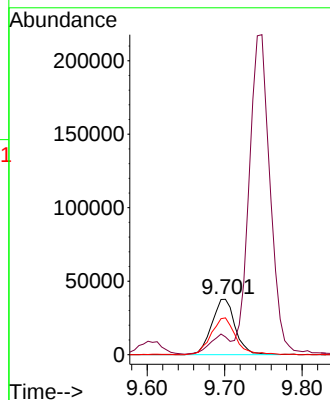
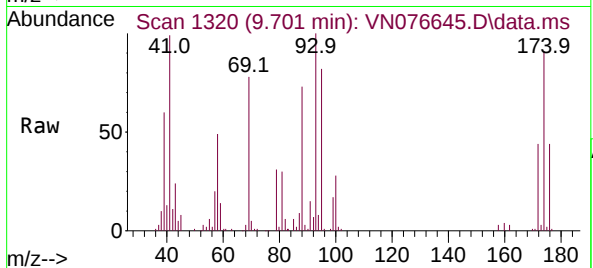
Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.6	33.8
58	69.9	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 50.894 ug/l

RT: 10.572 min Scan# 1468

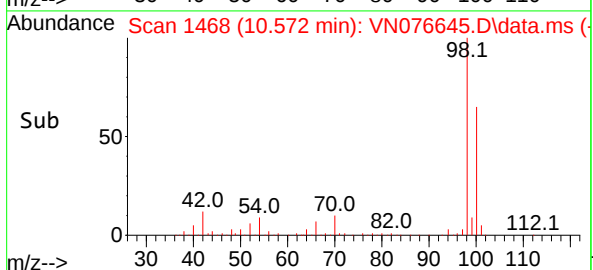
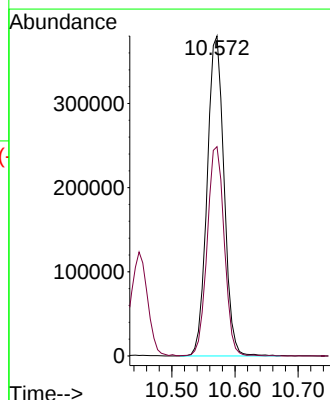
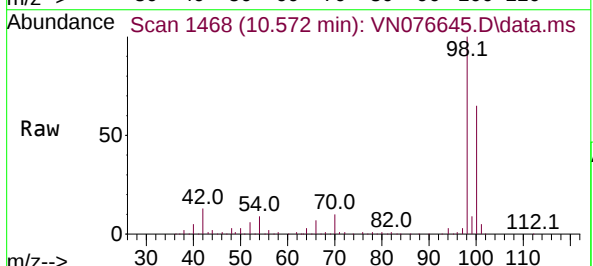
Delta R.T. 0.006 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Tgt Ion: 98 Resp: 703964

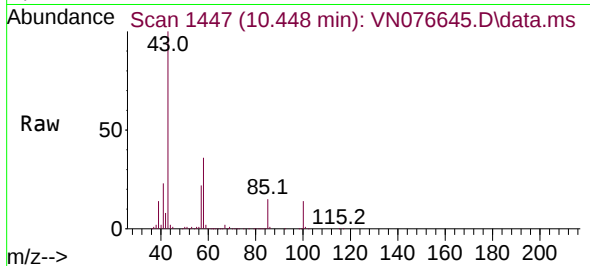
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 267.854 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

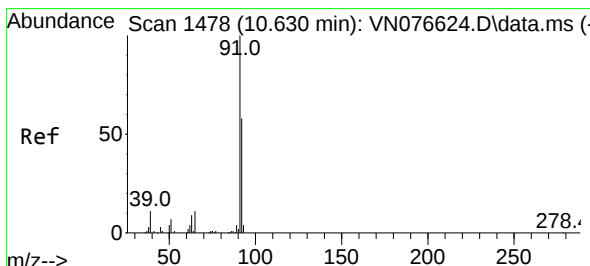
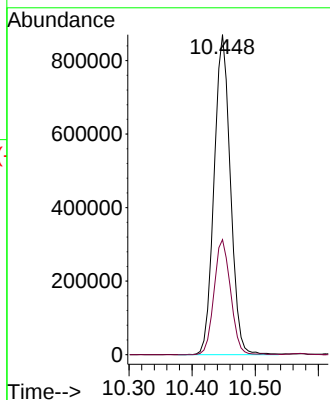
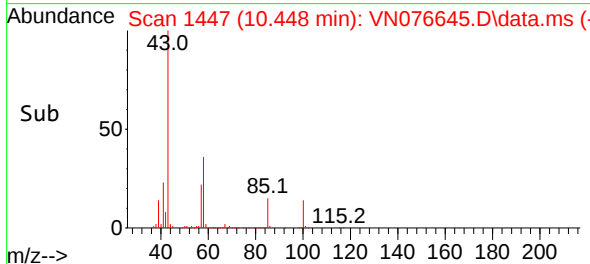
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 43 Resp: 156138
Ion Ratio Lower Upper
43 100
58 36.5 29.5 44.3

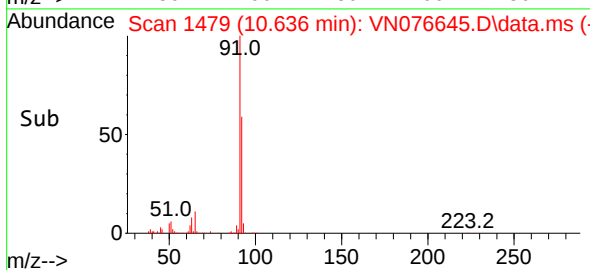
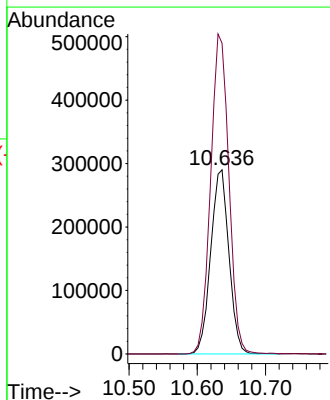
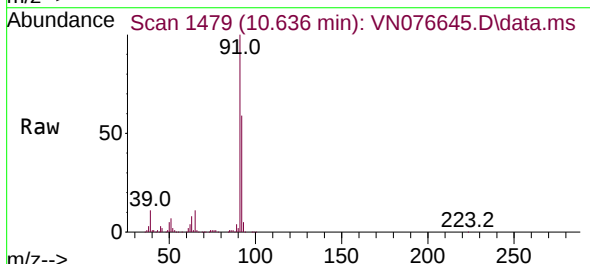
Manual Integrations
APPROVED

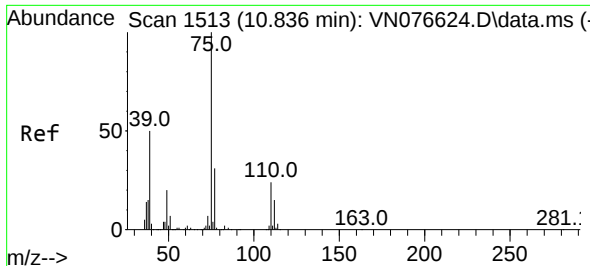
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#52
Toluene
Concen: 54.449 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

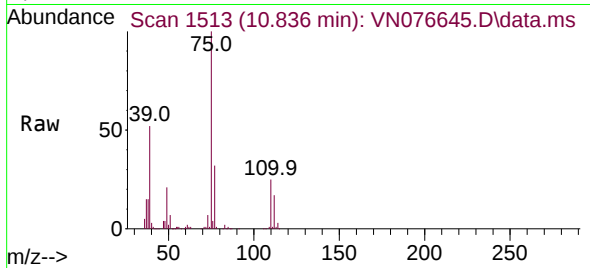
Tgt Ion: 92 Resp: 540235
Ion Ratio Lower Upper
92 100
91 174.3 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 56.386 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

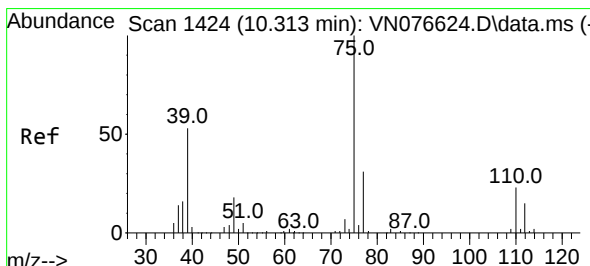
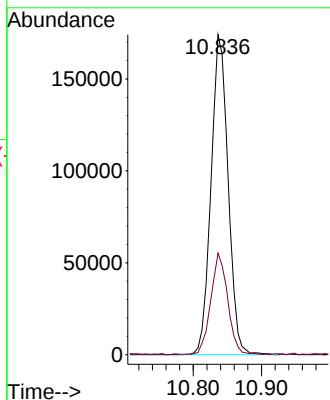
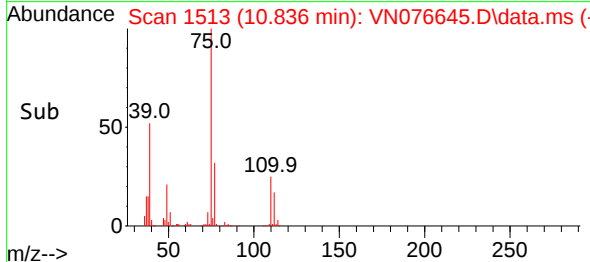
Instrument : MSVOA_N
ClientSampleId : OWBR-02-160-180-021023MSD



Tgt Ion: 75 Resp: 303468
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0

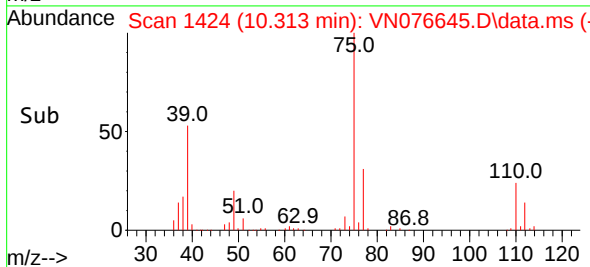
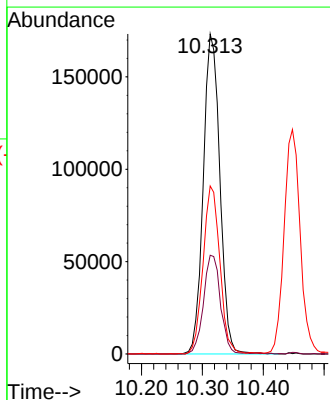
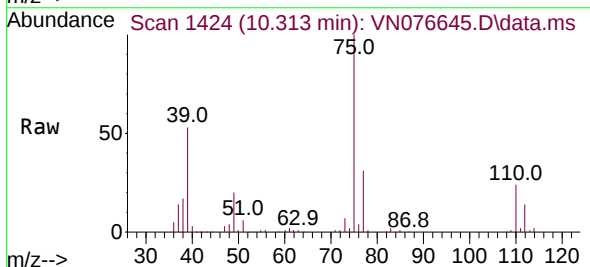
Manual Integrations
APPROVED

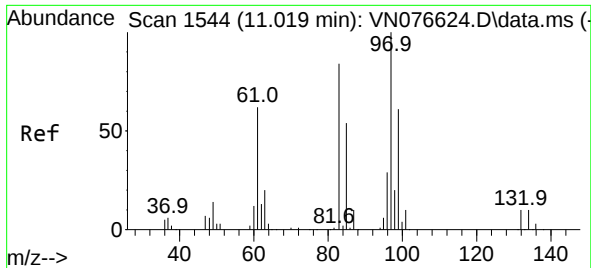
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 52.993 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

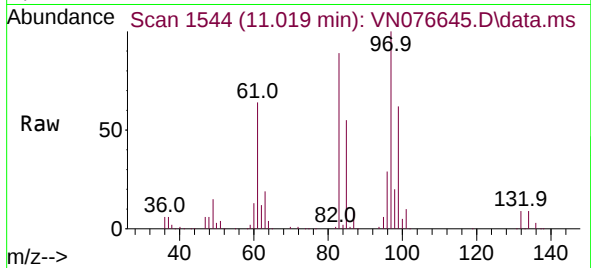
Tgt Ion: 75 Resp: 328980
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 52.4 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 52.324 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

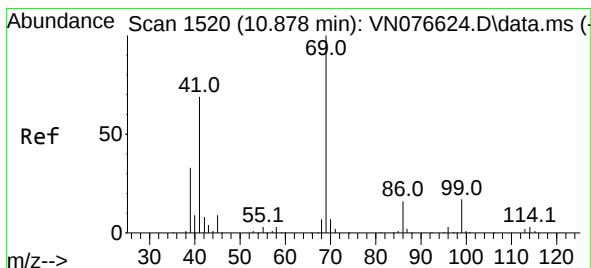
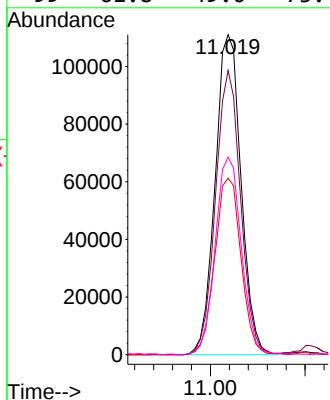
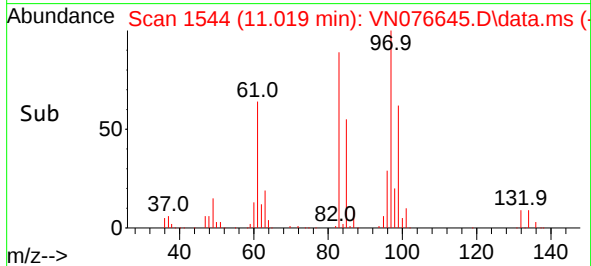
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 97 Resp: 21110
Ion Ratio Lower Upper
97 100
83 88.8 67.3 100.9
85 55.2 43.2 64.8
99 61.8 49.0 73.4

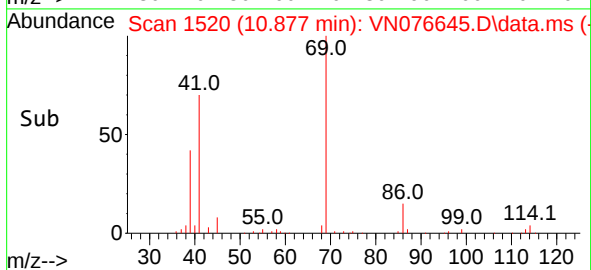
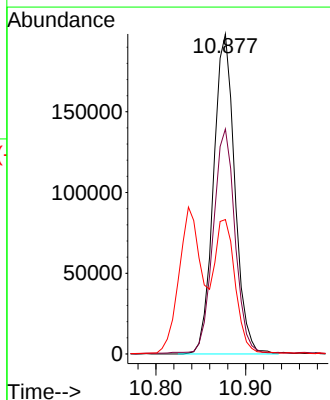
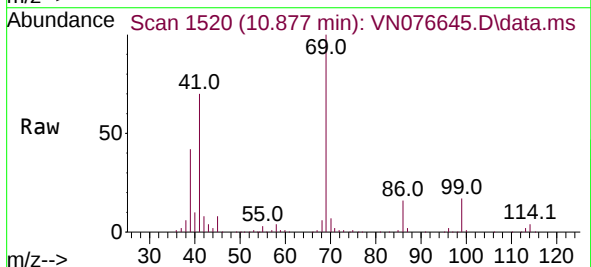
Manual Integrations
APPROVED

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



#56
Ethyl methacrylate
Concen: 57.514 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 69 Resp: 326612
Ion Ratio Lower Upper
69 100
41 73.1 55.1 82.7
39 39.1 30.7 46.1





#57

1,3-Dichloropropane

Concen: 52.644 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076645.D

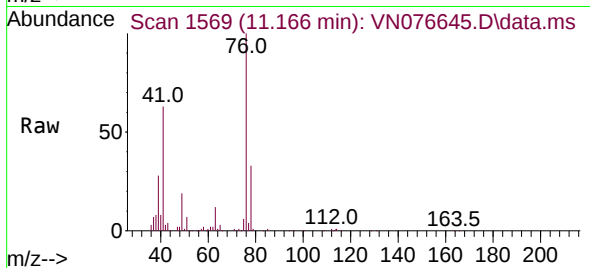
Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD



Tgt Ion: 76 Resp: 36489

Ion Ratio Lower Upper

76 100

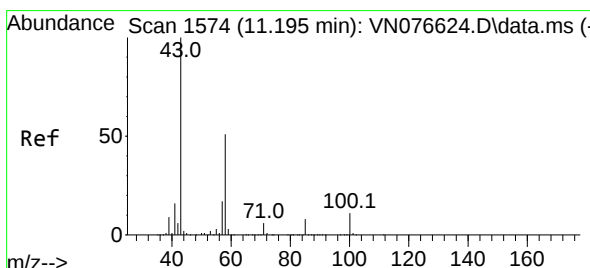
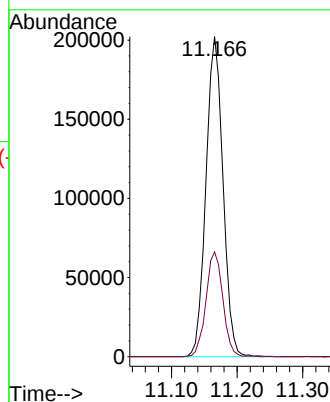
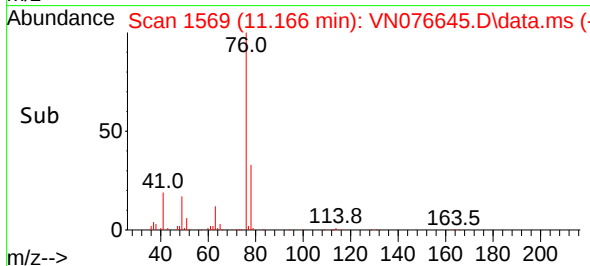
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#59

2-Hexanone

Concen: 265.717 ug/l

RT: 11.195 min Scan# 1574

Delta R.T. -0.000 min

Lab File: VN076645.D

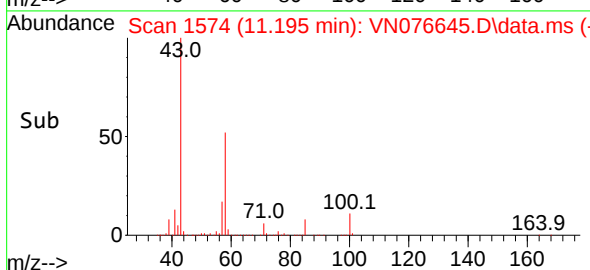
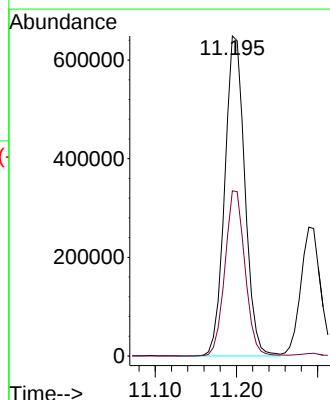
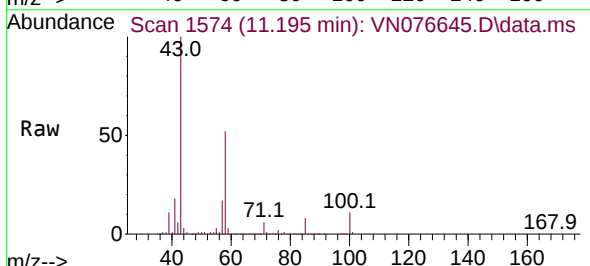
Acq: 13 Feb 2023 22:20

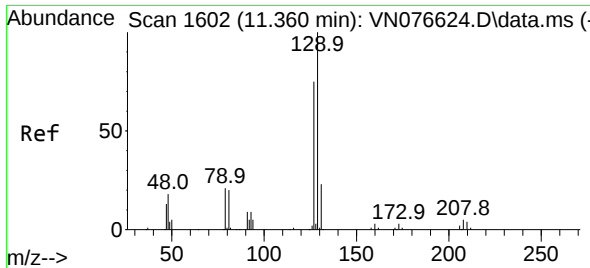
Tgt Ion: 43 Resp: 1116832

Ion Ratio Lower Upper

43 100

58 51.5 25.4 76.0





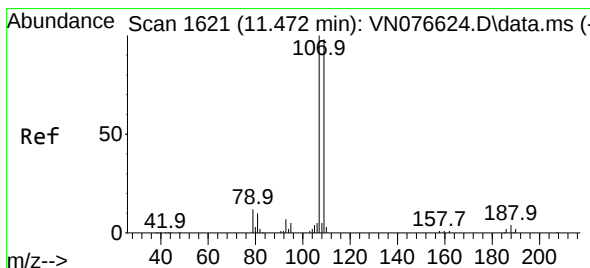
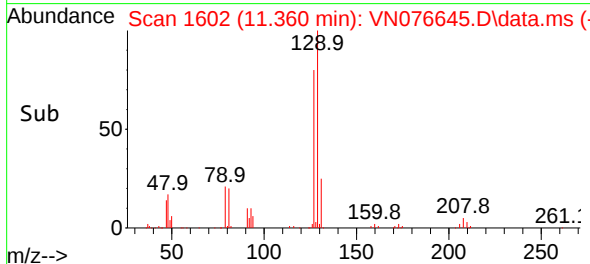
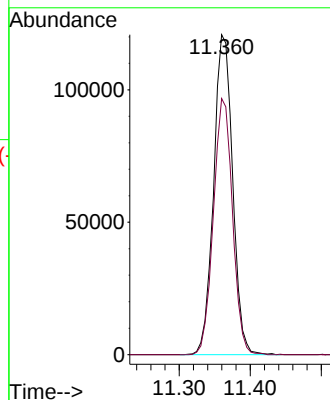
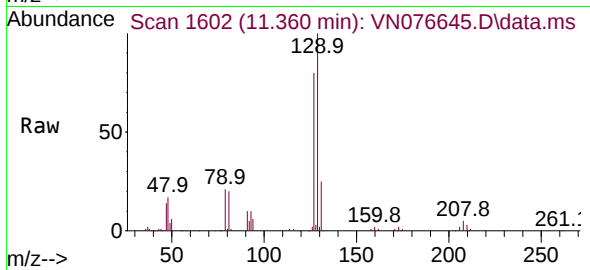
#60
Dibromochloromethane
Concen: 52.730 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion:129 Resp: 224209
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.4

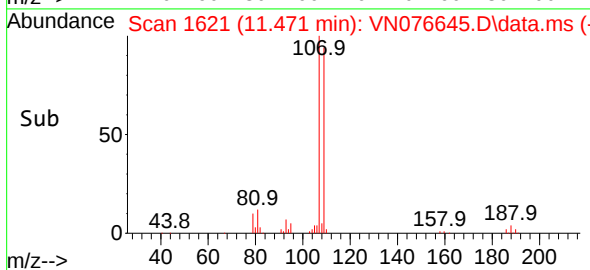
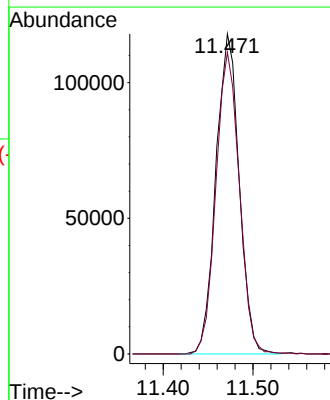
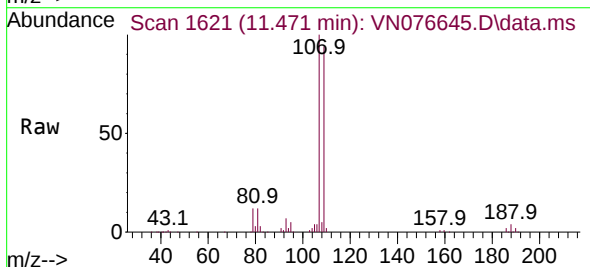
Manual Integrations
APPROVED

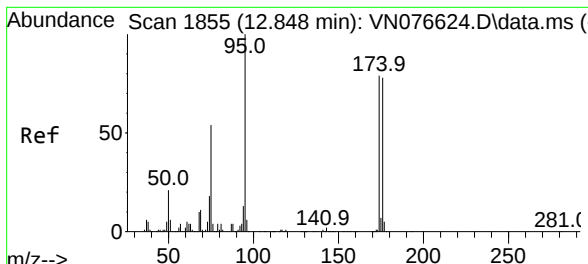
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#61
1,2-Dibromoethane
Concen: 52.450 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

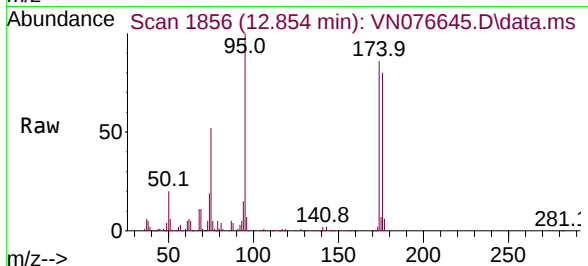
Tgt Ion:107 Resp: 211811
Ion Ratio Lower Upper
107 100
109 95.2 76.8 115.2





#62
4-Bromofluorobenzene
Concen: 53.208 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

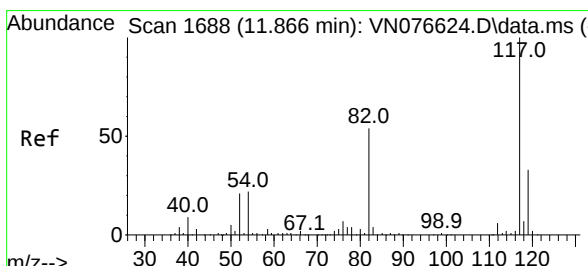
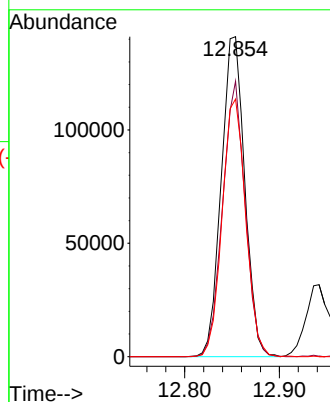
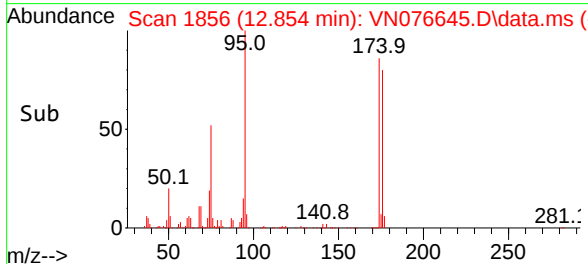
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



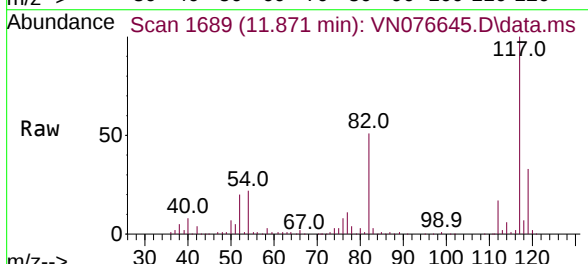
Tgt Ion: 95 Resp: 243758
Ion Ratio Lower Upper
95 100
174 82.4 0.0 169.2
176 80.4 0.0 163.4

Manual Integrations
APPROVED

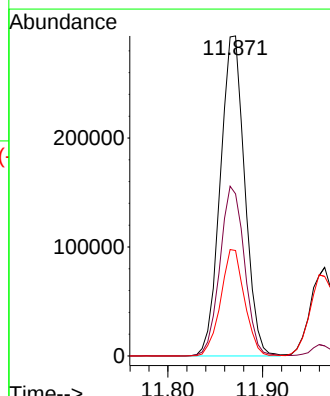
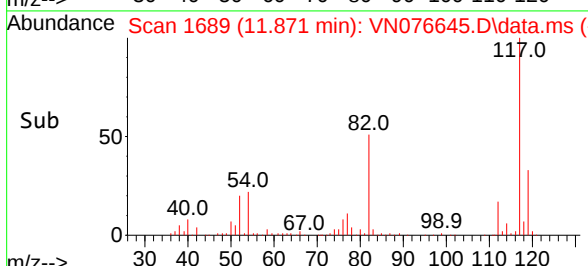
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

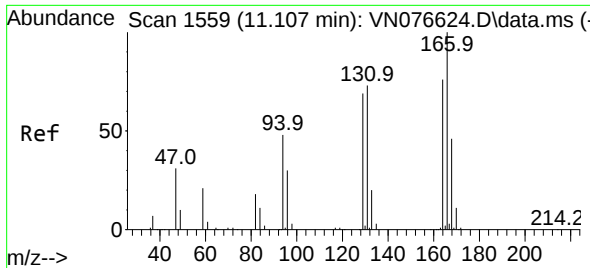


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20



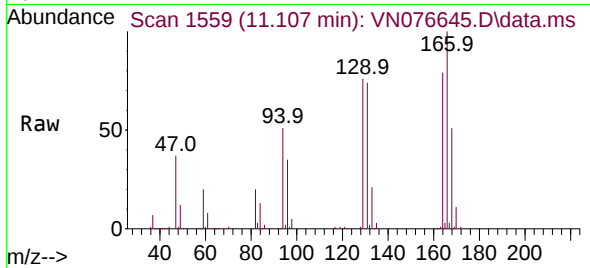
Tgt Ion:117 Resp: 526768
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.2
119 32.9 26.1 39.1





#64
Tetrachloroethene
Concen: 49.896 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

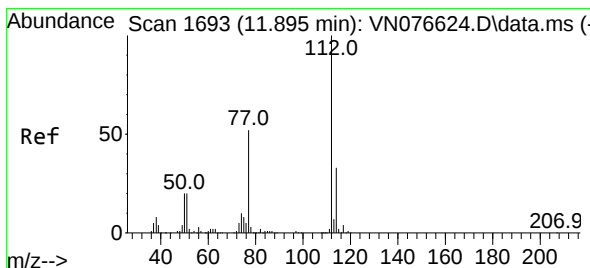
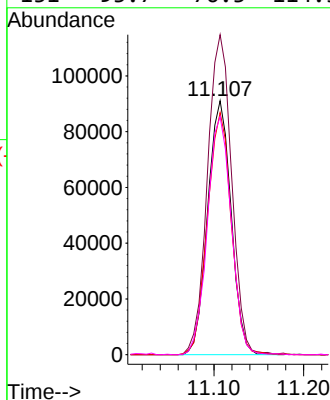
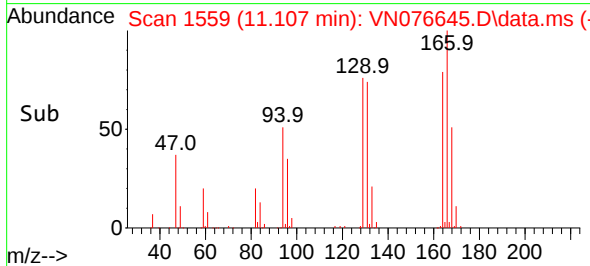
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion:164 Resp: 165639
Ion Ratio Lower Upper
164 100
166 126.0 104.8 157.2
129 95.3 72.2 108.2
131 93.7 76.3 114.5

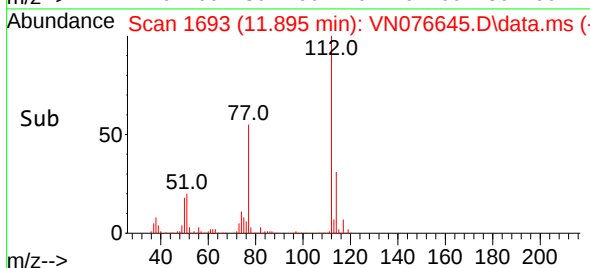
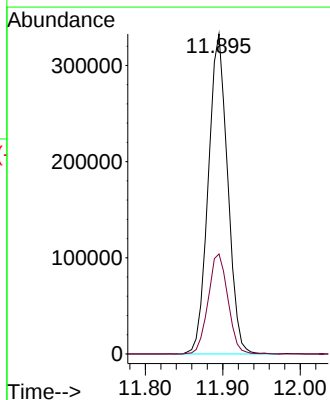
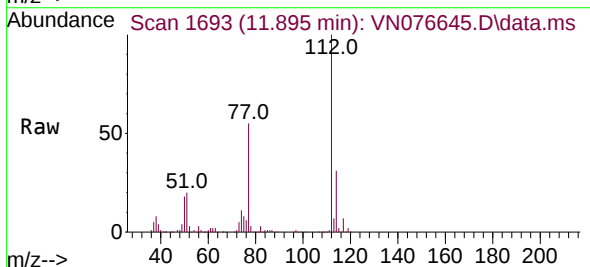
Manual Integrations
APPROVED

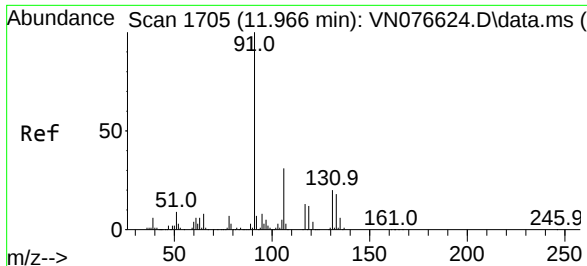
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#65
Chlorobenzene
Concen: 51.642 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

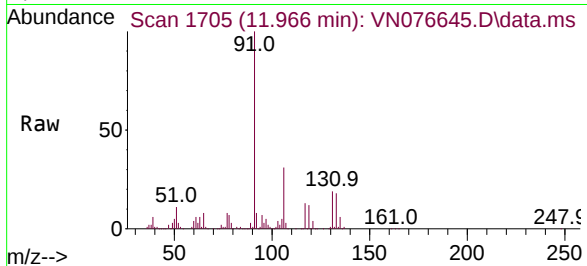
Tgt Ion:112 Resp: 576519
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6





#66
1,1,1,2-Tetrachloroethane
Concen: 51.195 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

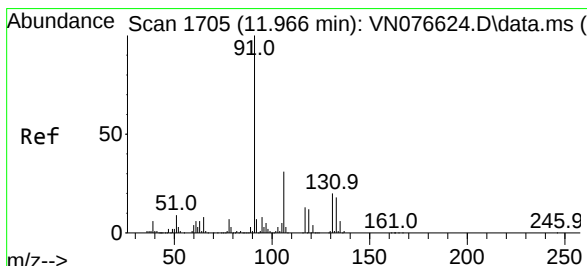
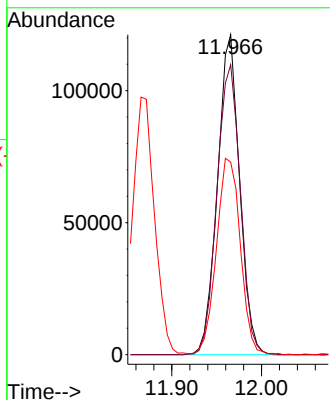
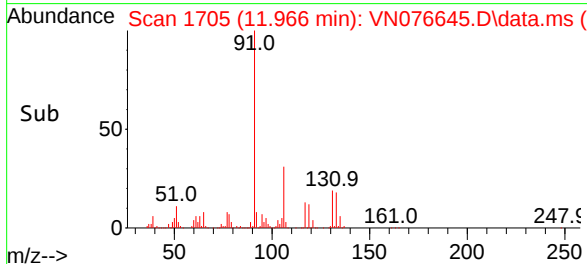
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion:131 Resp: 207592
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.0
119 66.4 32.3 96.8

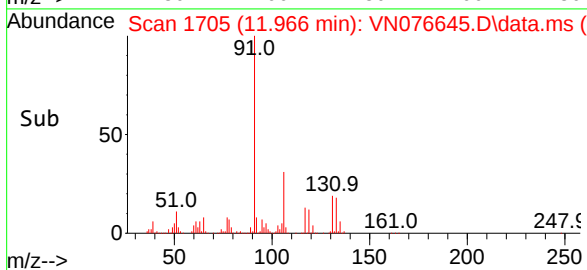
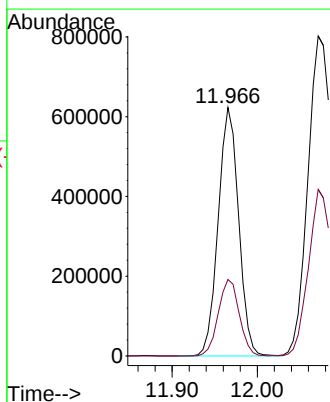
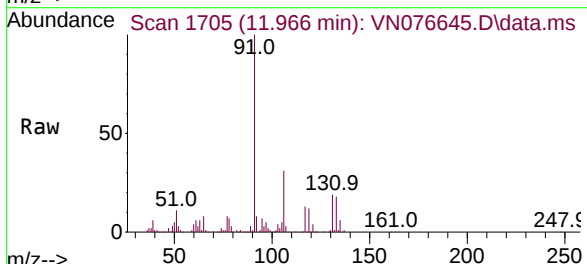
Manual Integrations
APPROVED

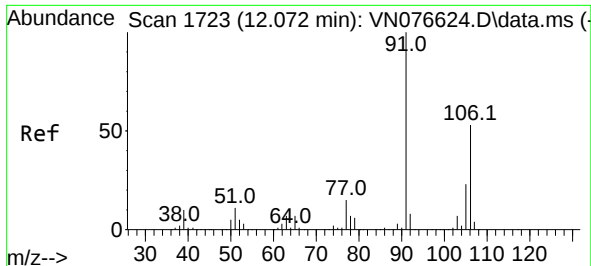
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#67
Ethyl Benzene
Concen: 54.626 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 91 Resp: 1038942
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7





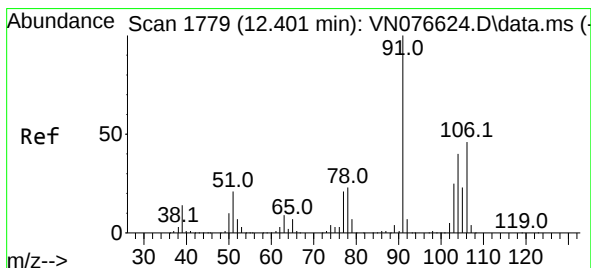
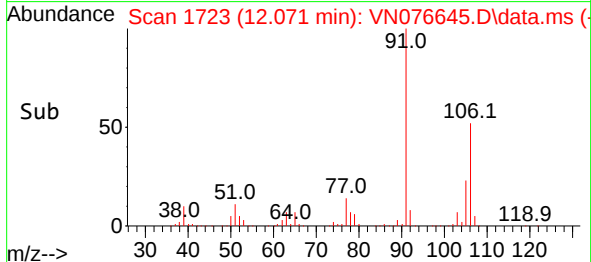
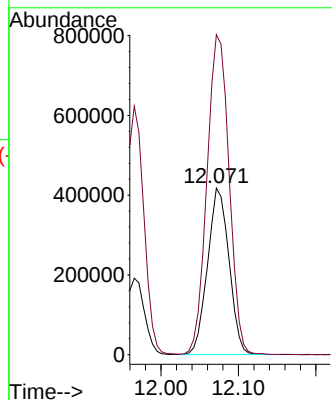
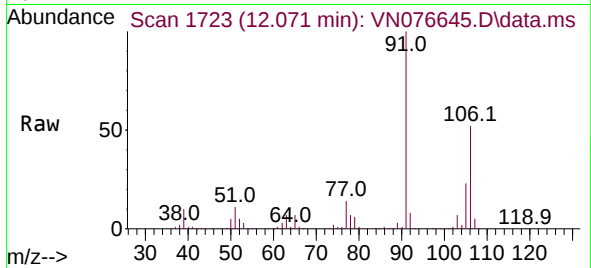
#68
m/p-Xylenes
Concen: 109.745 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion:106 Resp: 804549
Ion Ratio Lower Upper
106 100
91 197.9 154.7 232.1

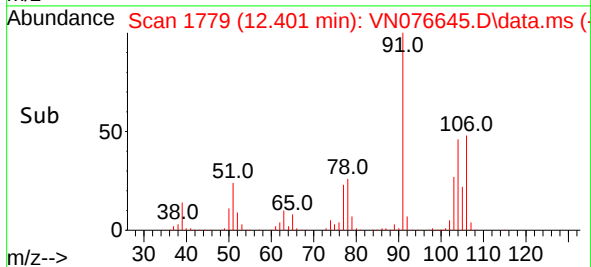
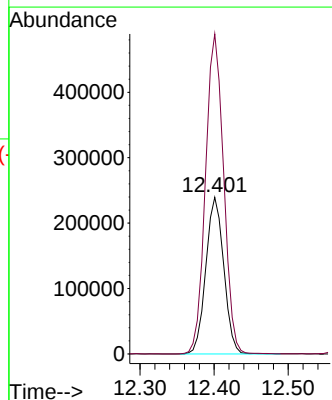
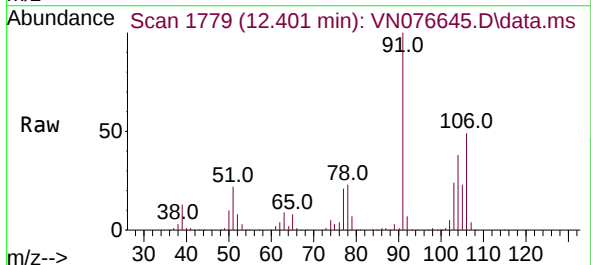
Manual Integrations
APPROVED

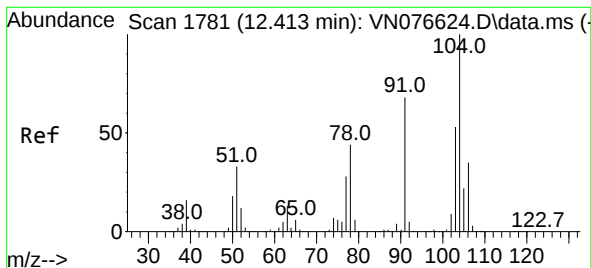
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#69
o-Xylene
Concen: 56.404 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion:106 Resp: 403281
Ion Ratio Lower Upper
106 100
91 206.9 105.8 317.4





#70

Styrene

Concen: 57.424 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN076645.D

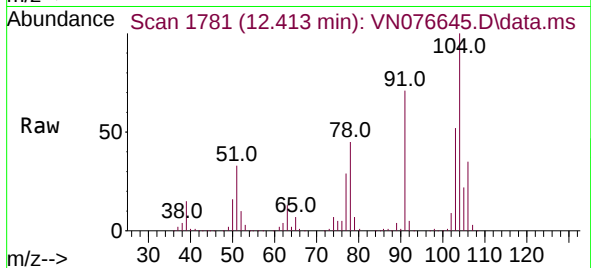
Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD



Tgt Ion:104 Resp: 663930

Ion Ratio Lower Upper

104 100

78 47.6 38.2 57.4

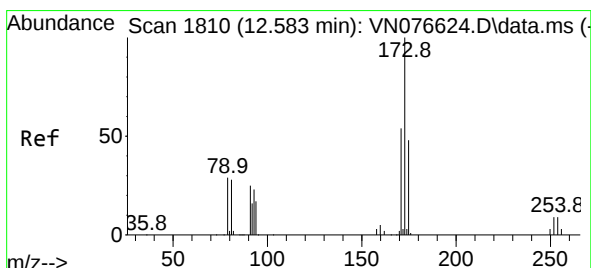
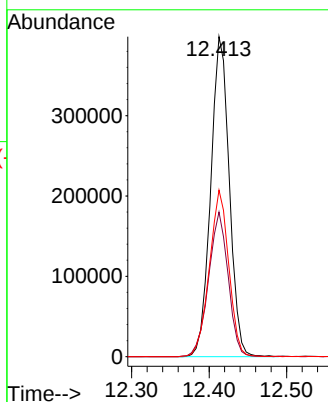
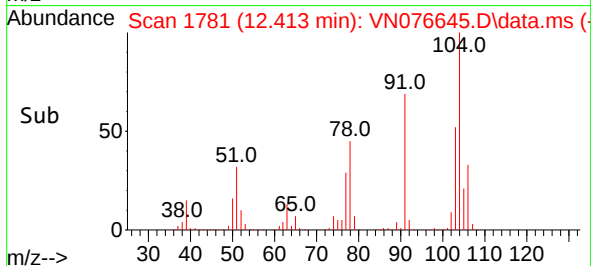
103 54.4 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#71

Bromoform

Concen: 54.184 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

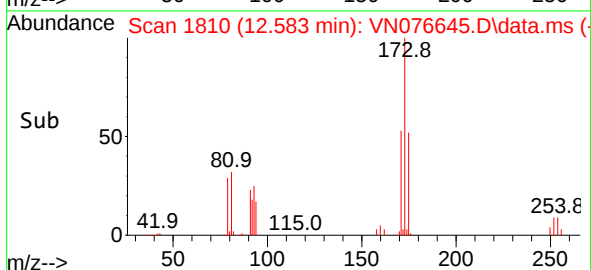
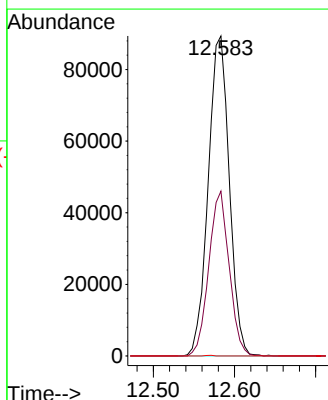
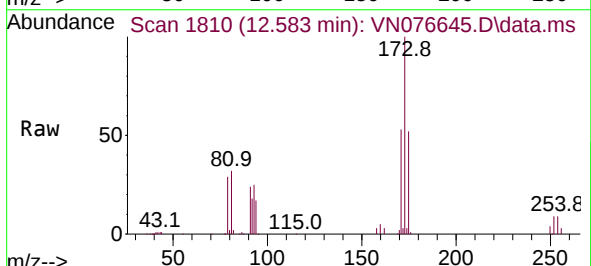
Tgt Ion:173 Resp: 161164

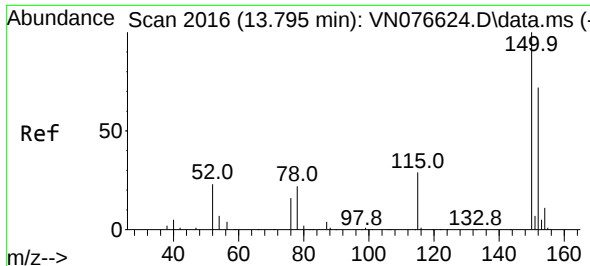
Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.7

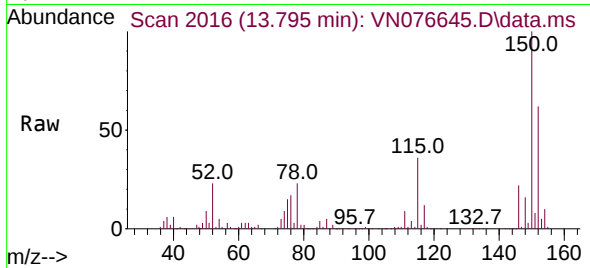
254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

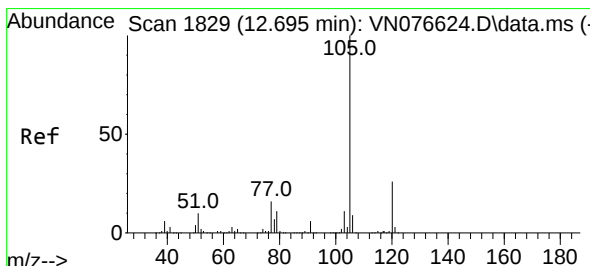
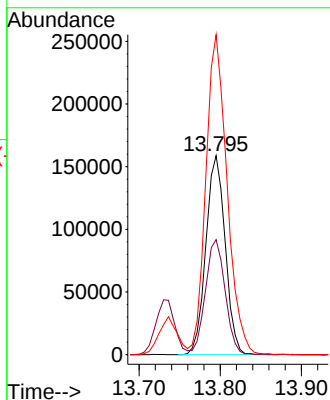
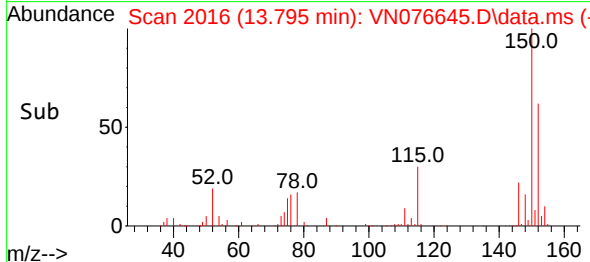
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion:152 Resp: 262269
Ion Ratio Lower Upper
152 100
115 59.1 29.3 87.9
150 176.7 0.0 349.8

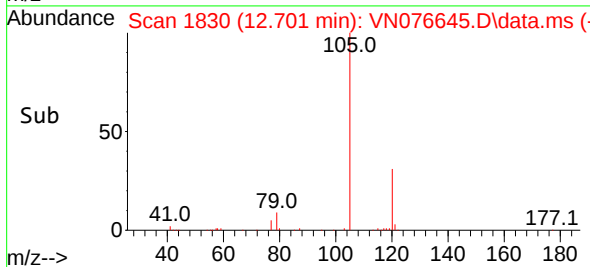
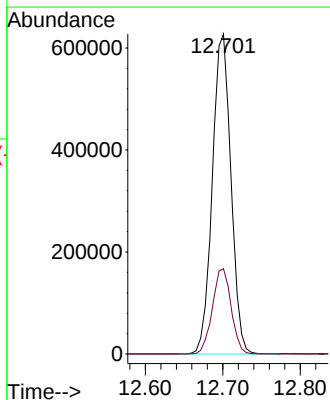
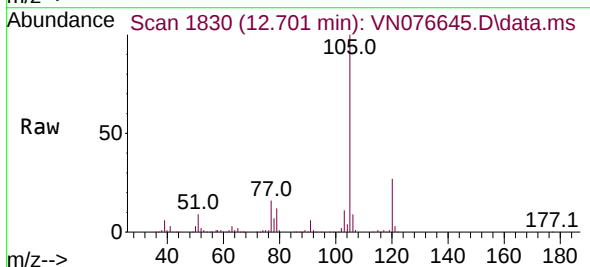
Manual Integrations
APPROVED

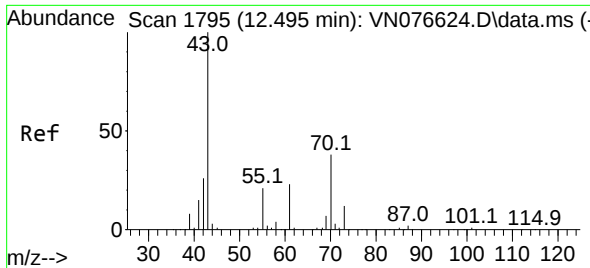
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#73
Isopropylbenzene
Concen: 54.343 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

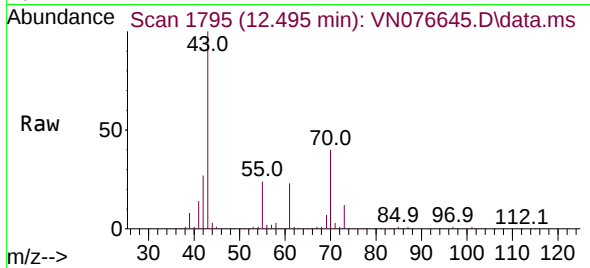
Tgt Ion:105 Resp: 1044662
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0





#74
N-amy1 acetate
Concen: 52.564 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

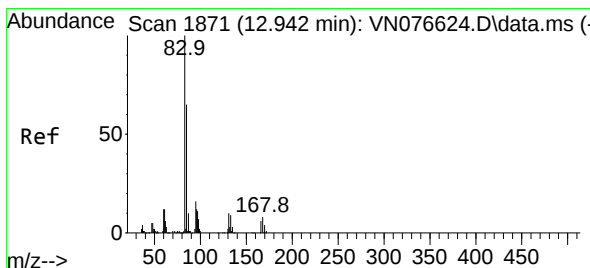
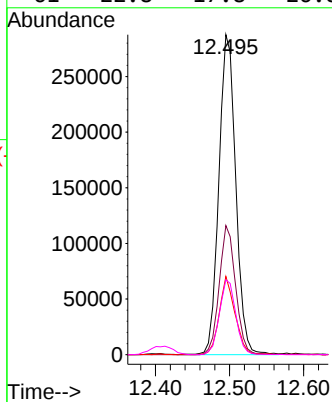
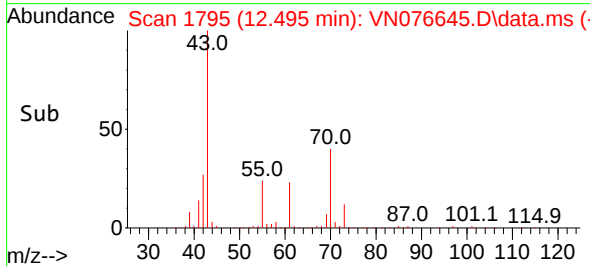
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion: 43 Resp: 455452
Ion Ratio Lower Upper
43 100
70 39.2 30.5 45.7
55 22.9 17.8 26.8
61 22.8 17.8 26.8

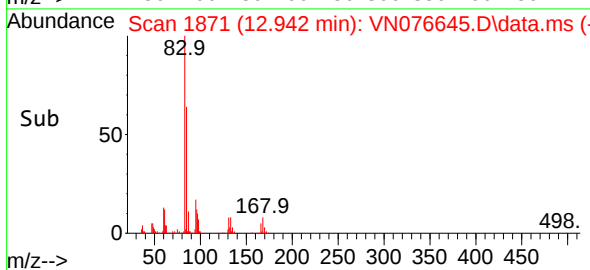
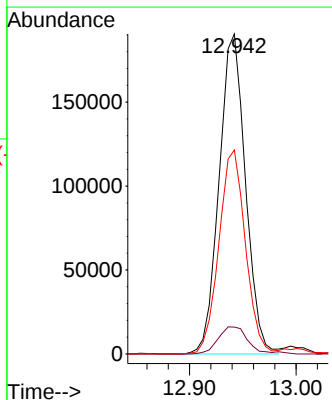
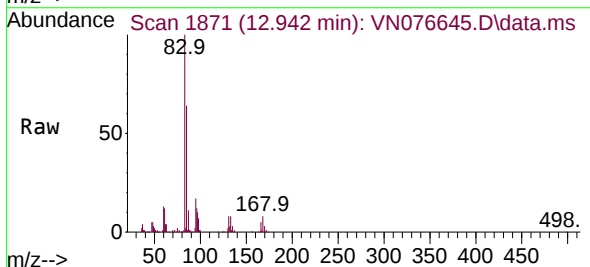
Manual Integrations
APPROVED

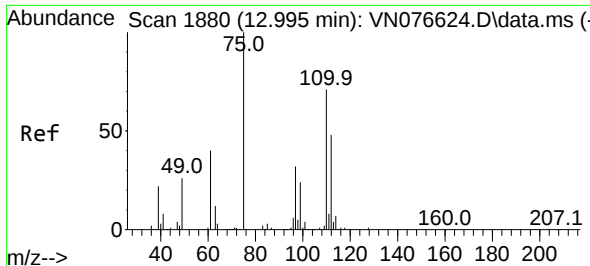
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 47.068 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

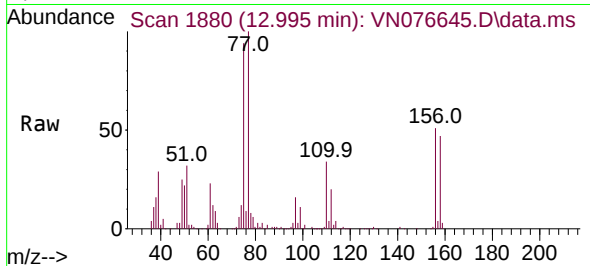
Tgt Ion: 83 Resp: 327516
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.2 31.8 95.3





#76
1,2,3-Trichloropropane
Concen: 45.204 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

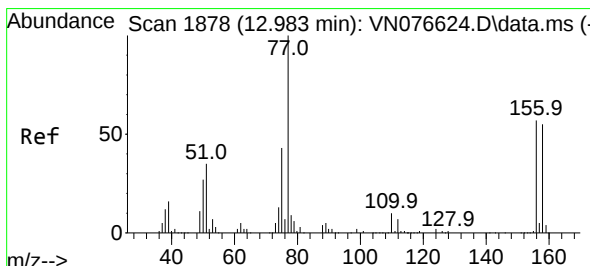
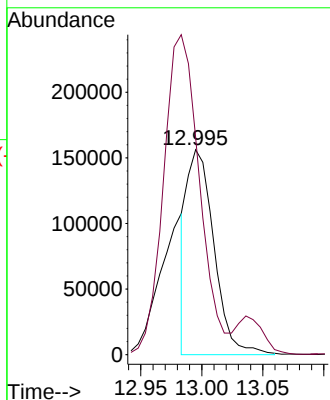
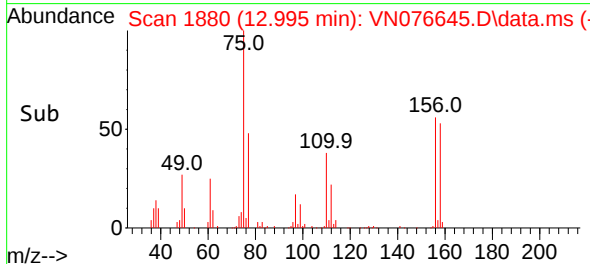
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



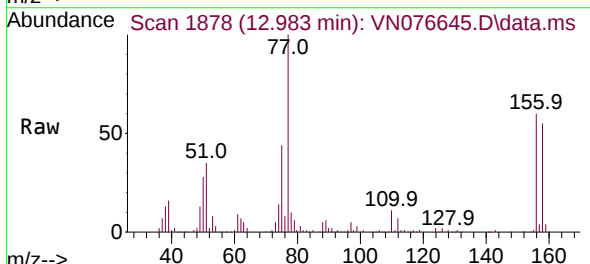
Tgt Ion: 75 Resp: 239688
Ion Ratio Lower Upper
75 100
77 207.2 93.1 279.3

Manual Integrations
APPROVED

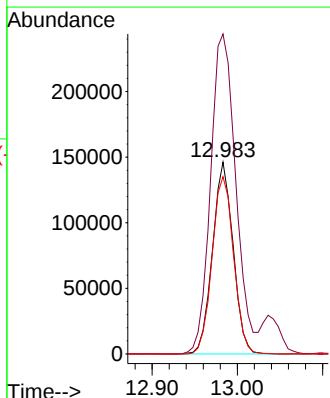
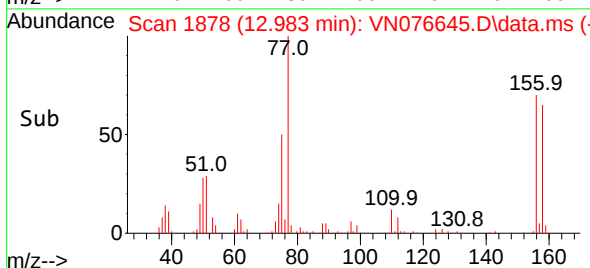
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

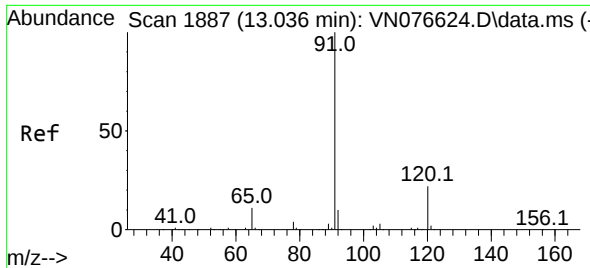


#77
Bromobenzene
Concen: 51.190 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20



Tgt Ion:156 Resp: 245515
Ion Ratio Lower Upper
156 100
77 202.3 102.8 308.4
158 96.1 48.9 146.6





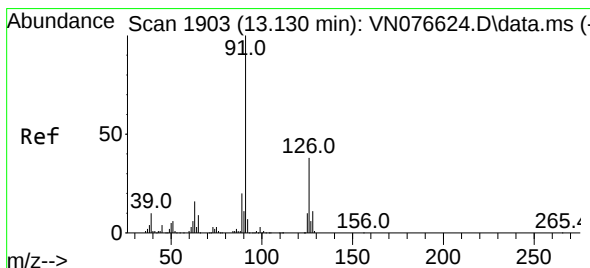
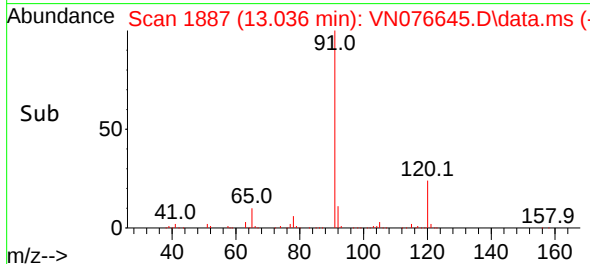
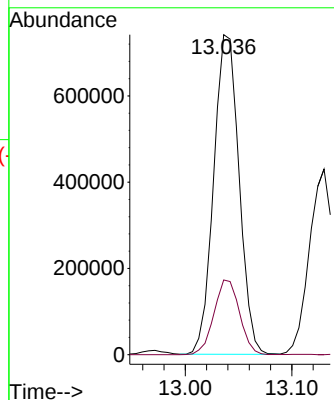
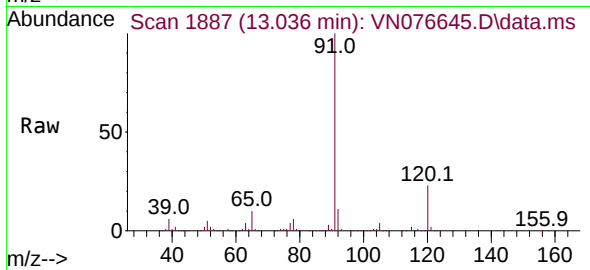
#78
n-propylbenzene
Concen: 54.345 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion: 91 Resp: 122674
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5

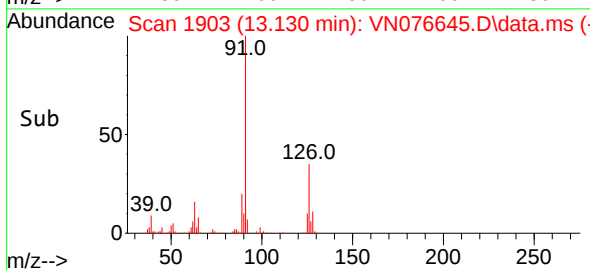
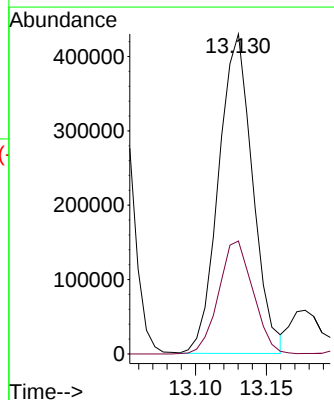
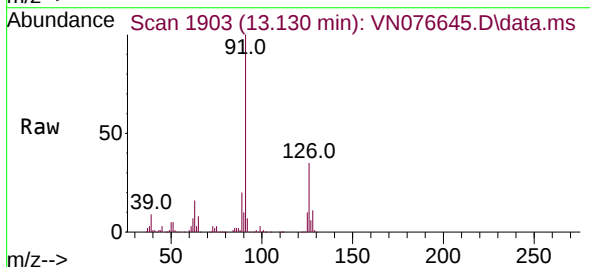
Manual Integrations
APPROVED

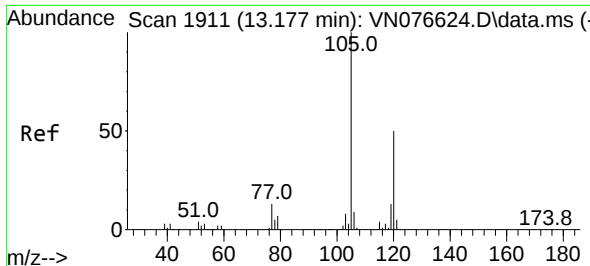
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#79
2-Chlorotoluene
Concen: 51.748 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

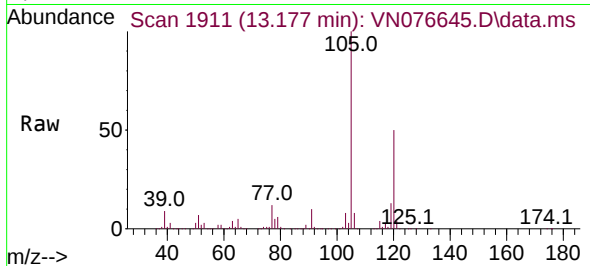
Tgt Ion: 91 Resp: 715235
Ion Ratio Lower Upper
91 100
126 35.9 17.7 53.1





#80
1,3,5-Trimethylbenzene
Concen: 55.626 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

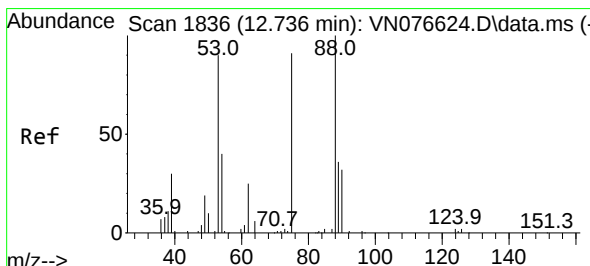
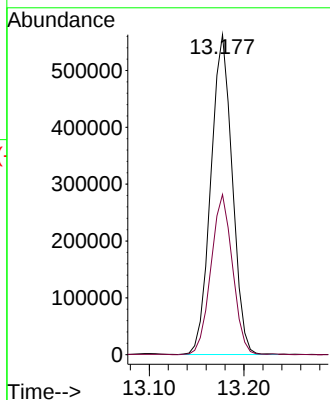
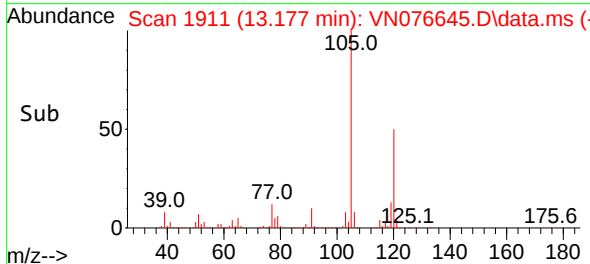
Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



Tgt Ion:105 Resp: 883728
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.4

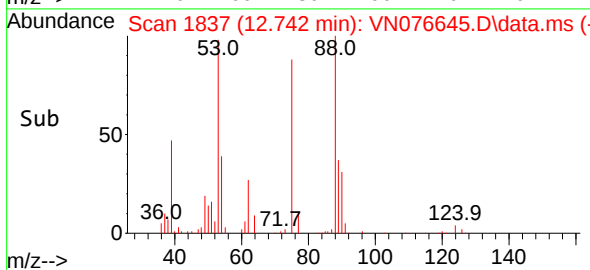
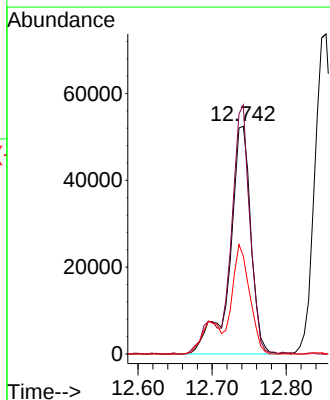
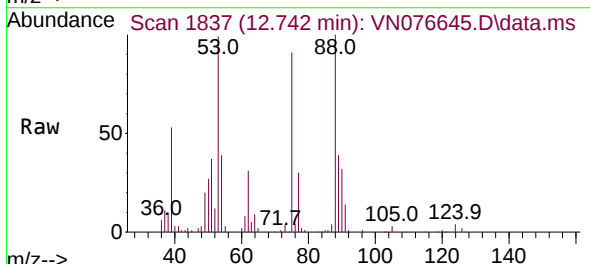
Manual Integrations
APPROVED

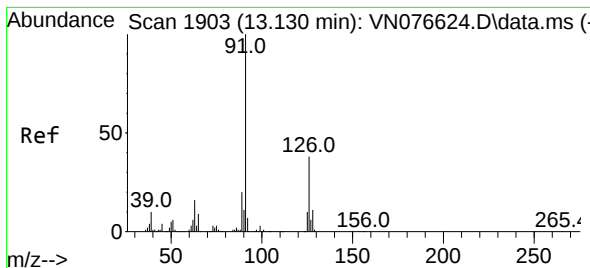
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#81
trans-1,4-Dichloro-2-butene
Concen: 57.085 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion: 75 Resp: 103924
Ion Ratio Lower Upper
75 100
53 92.1 92.1 138.1#
89 40.0 37.5 56.3





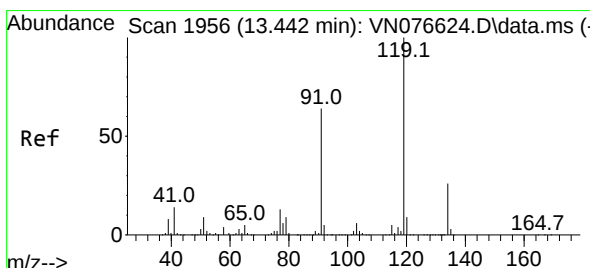
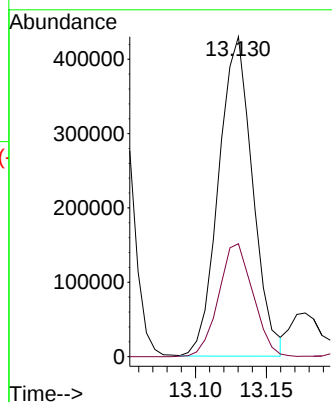
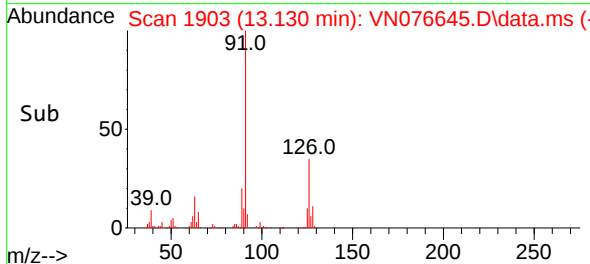
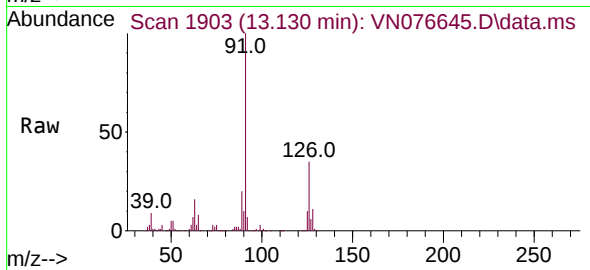
#82
4-Chlorotoluene
Concen: 51.748 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion: 91 Resp: 715235
Ion Ratio Lower Upper
91 100
126 35.9 17.7 53.1

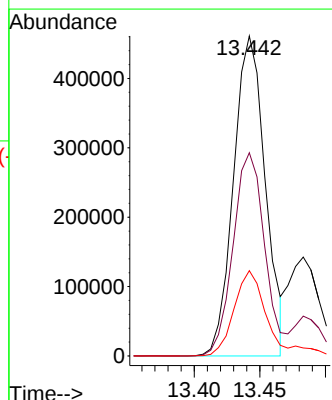
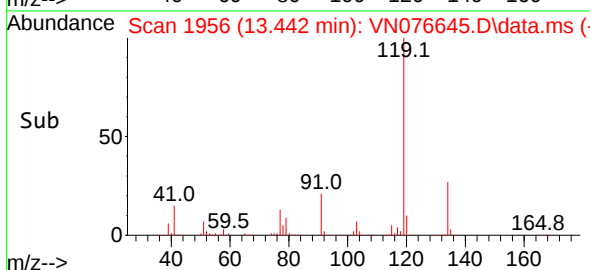
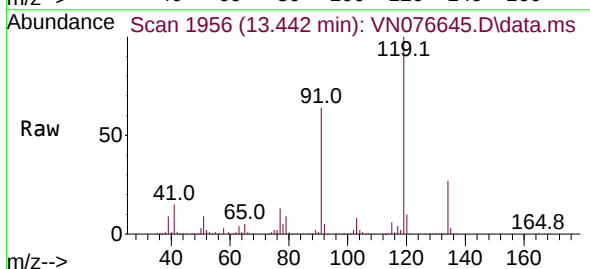
Manual Integrations
APPROVED

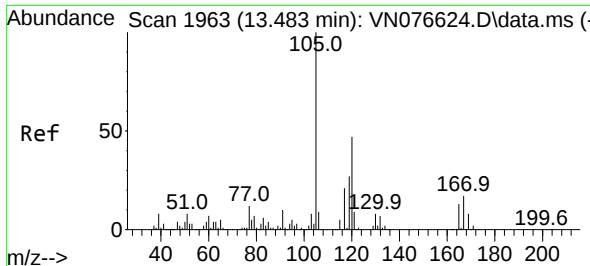
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#83
tert-Butylbenzene
Concen: 54.130 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion:119 Resp: 777949
Ion Ratio Lower Upper
119 100
91 63.8 32.0 96.2
134 28.0 13.8 41.4





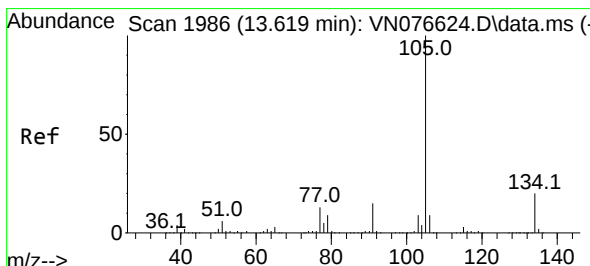
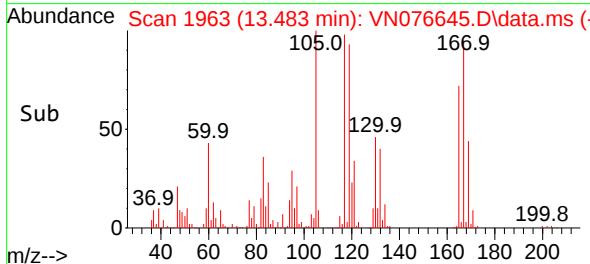
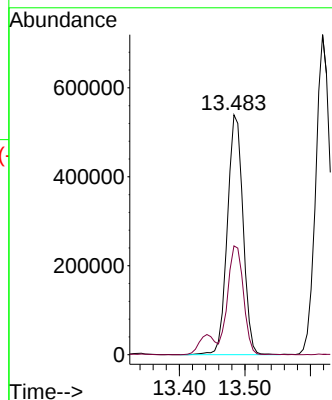
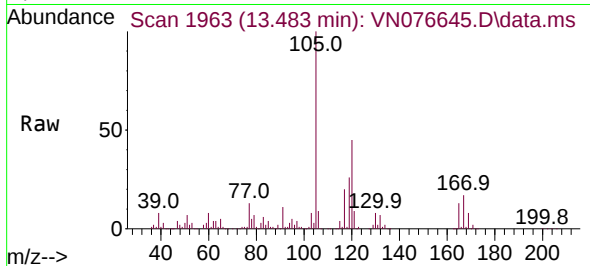
#84
1,2,4-Trimethylbenzene
Concen: 56.208 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion:105 Resp: 88994
Ion Ratio Lower Upper
105 100
120 45.4 23.0 69.0

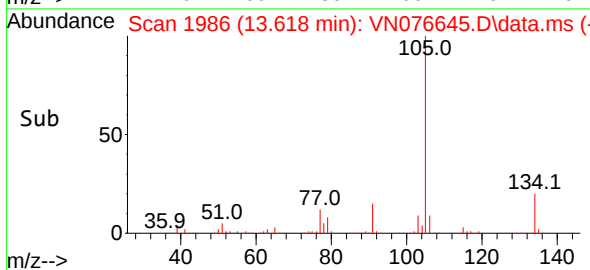
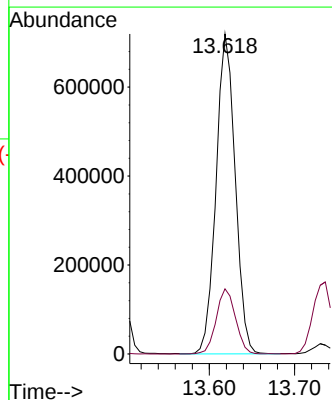
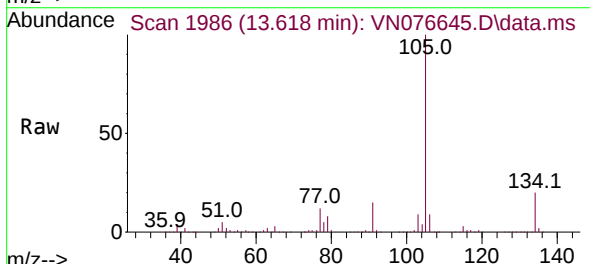
Manual Integrations
APPROVED

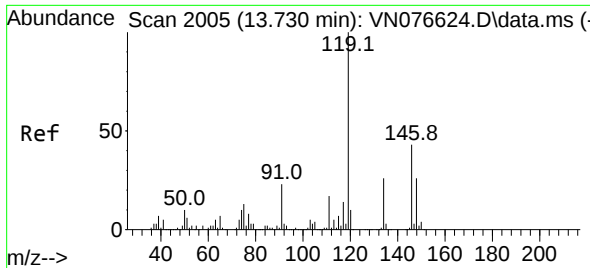
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#85
sec-Butylbenzene
Concen: 56.031 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Tgt Ion:105 Resp: 1124282
Ion Ratio Lower Upper
105 100
134 20.5 10.5 31.5





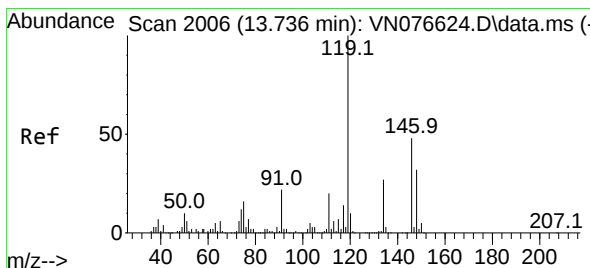
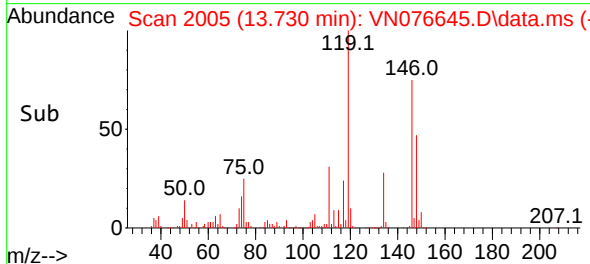
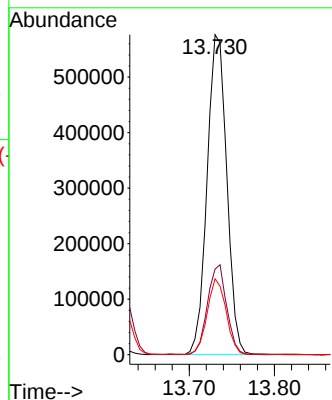
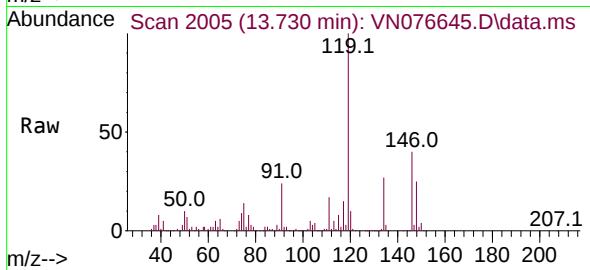
#86
p-Isopropyltoluene
Concen: 57.648 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion:119 Resp: 923689
Ion Ratio Lower Upper
119 100
134 27.5 13.4 40.1
91 23.0 11.7 35.0

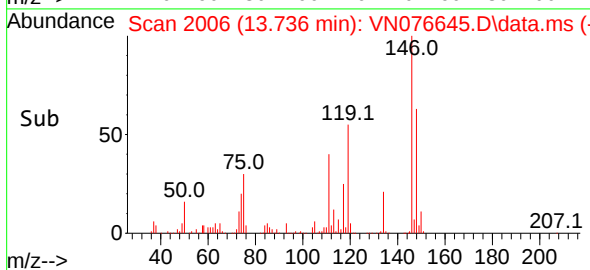
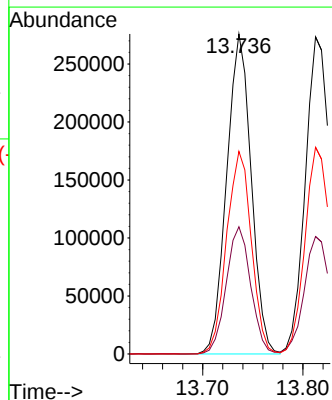
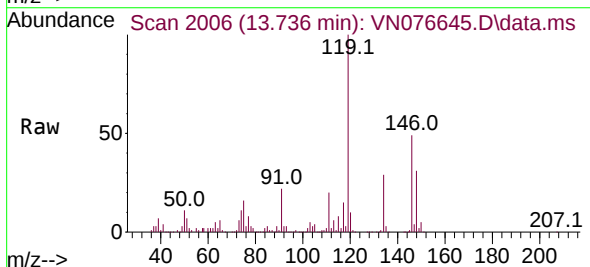
Manual Integrations
APPROVED

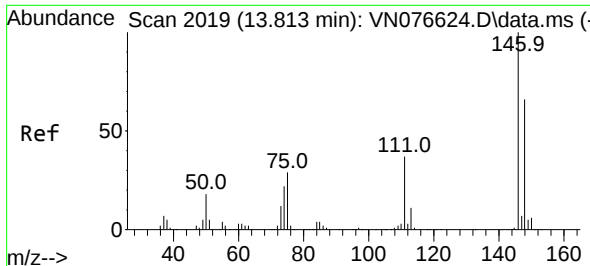
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#87
1,3-Dichlorobenzene
Concen: 51.677 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

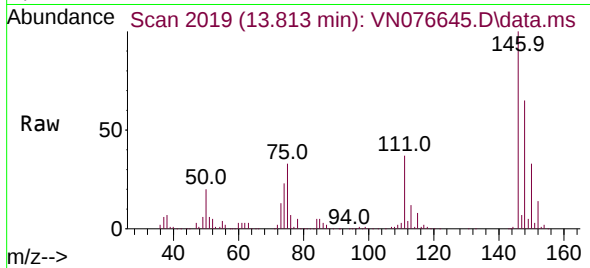
Tgt Ion:146 Resp: 468520
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.4
148 63.8 32.0 96.2





#88
1,4-Dichlorobenzene
Concen: 52.027 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

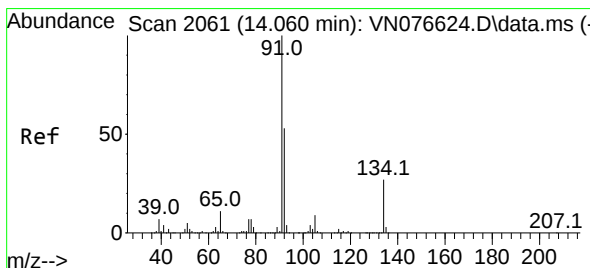
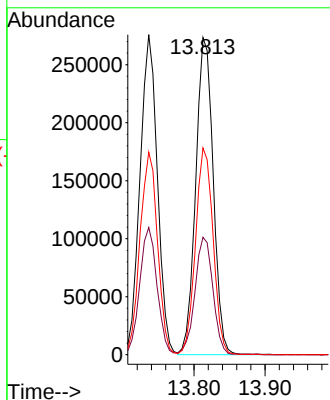
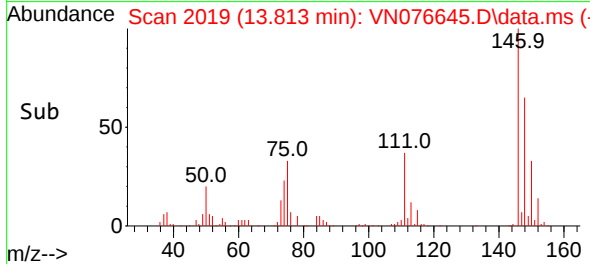
Instrument : MSVOA_N
ClientSampleId : OWBR-02-160-180-021023MSD



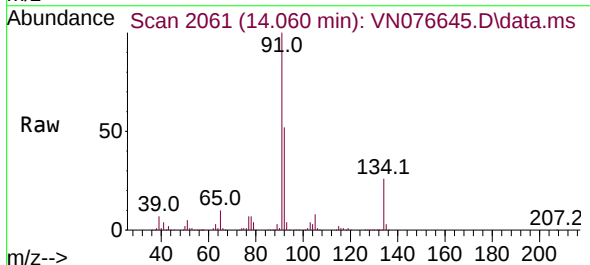
Tgt Ion:146 Resp: 469710
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.1
148 65.3 32.7 98.1

Manual Integrations
APPROVED

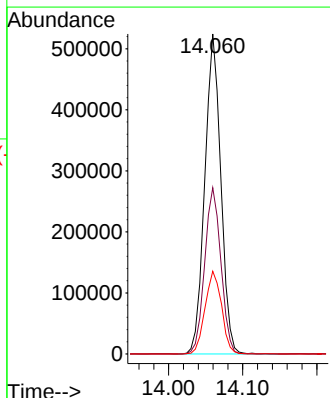
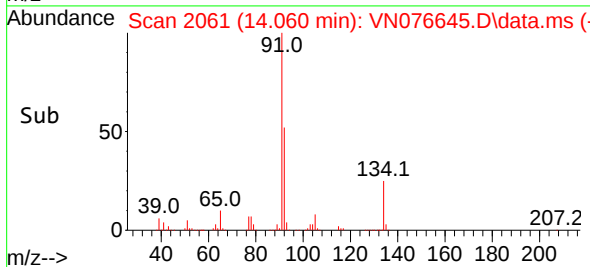
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

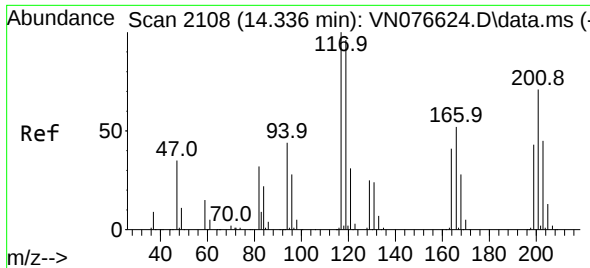


#89
n-Butylbenzene
Concen: 56.619 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20



Tgt Ion: 91 Resp: 789025
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 26.6 13.2 39.5





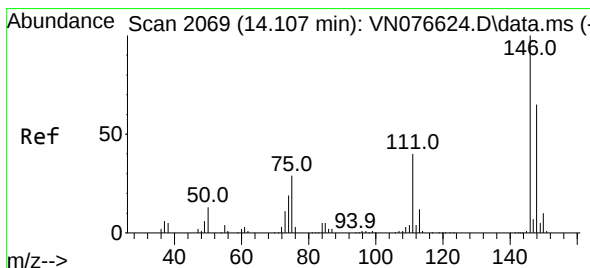
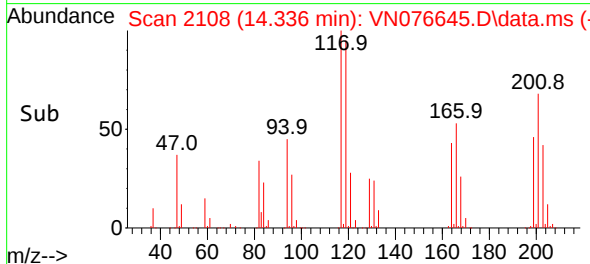
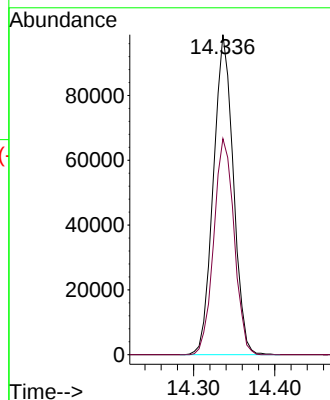
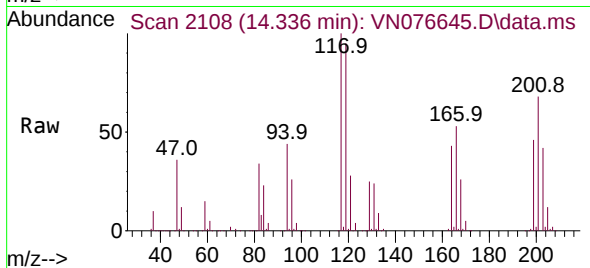
#90
Hexachloroethane
Concen: 50.161 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

Instrument : MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD

Tgt Ion:117 Resp: 168285
Ion Ratio Lower Upper
117 100
201 68.9 35.5 106.7

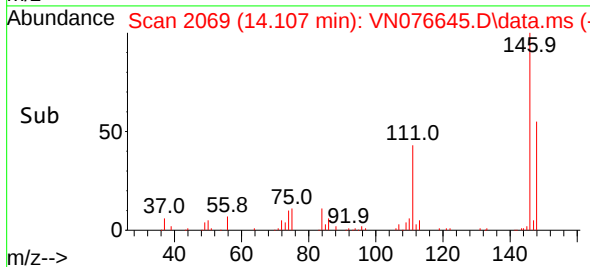
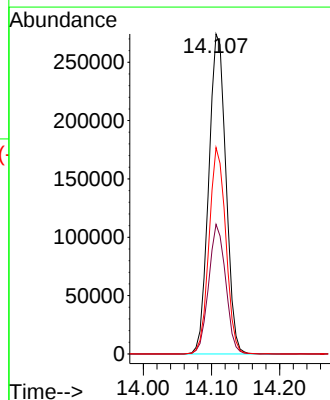
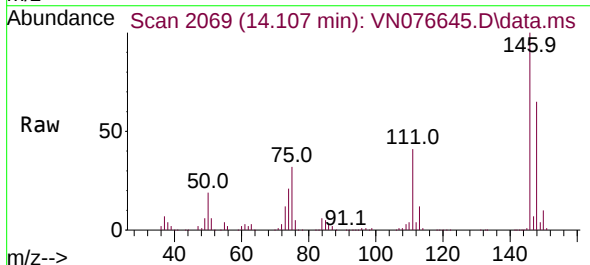
Manual Integrations
APPROVED

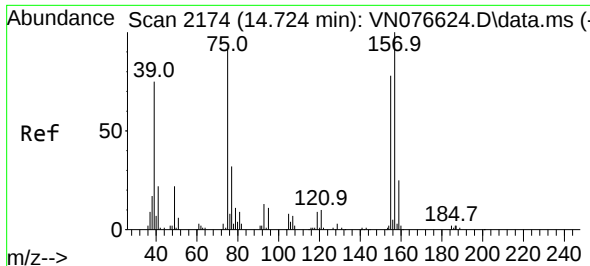
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#91
1,2-Dichlorobenzene
Concen: 51.725 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

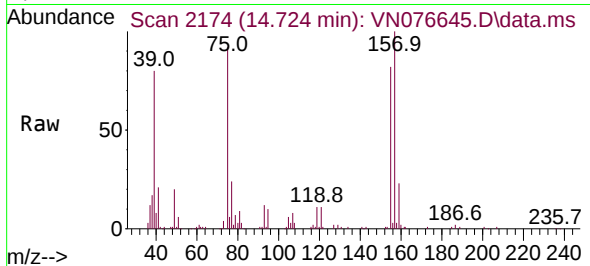
Tgt Ion:146 Resp: 480763
Ion Ratio Lower Upper
146 100
111 40.1 20.0 59.9
148 63.0 32.4 97.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 46.019 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20

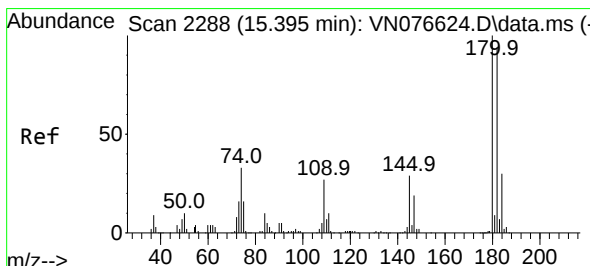
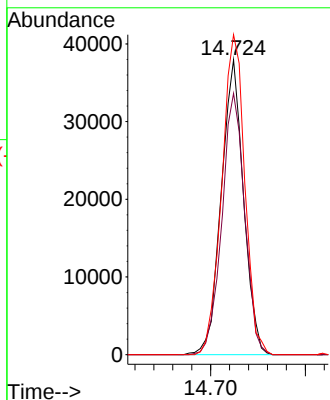
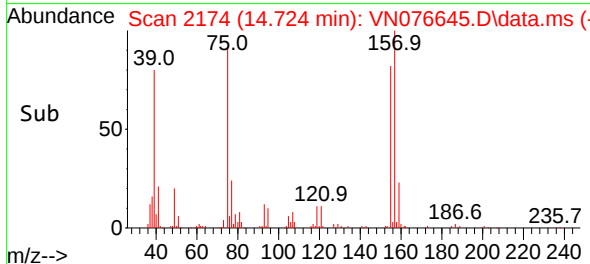
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023MSD



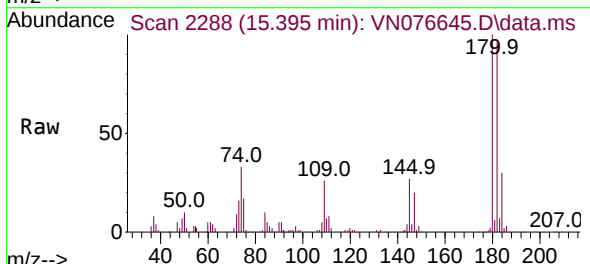
Tgt Ion: 75 Resp: 62038
Ion Ratio Lower Upper
75 100
155 90.1 43.4 130.2
157 111.8 55.2 165.6

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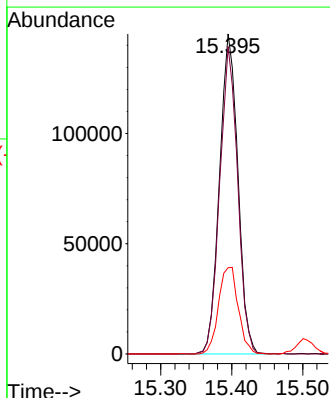
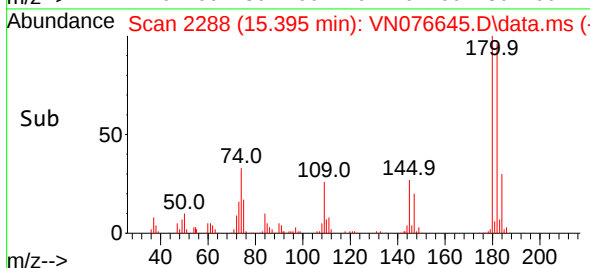
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

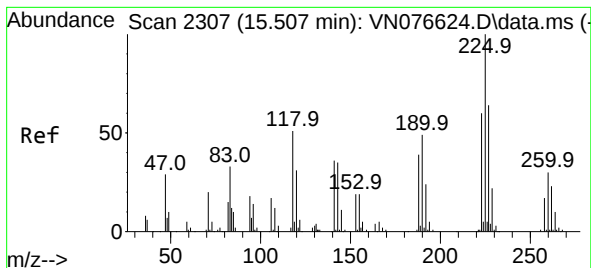


#93
1,2,4-Trichlorobenzene
Concen: 56.090 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076645.D
Acq: 13 Feb 2023 22:20



Tgt Ion:180 Resp: 260053
Ion Ratio Lower Upper
180 100
182 93.6 48.0 144.0
145 29.1 15.2 45.6





#94

Hexachlorobutadiene

Concen: 48.849 ug/l

RT: 15.507 min Scan# 21100

Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023MSD

Tgt Ion:225 Resp: 11100

Ion Ratio Lower Upper

225 100

223 64.8 31.6 95.0

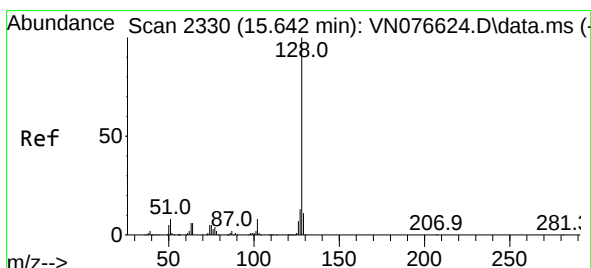
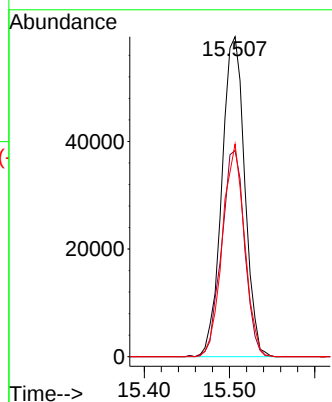
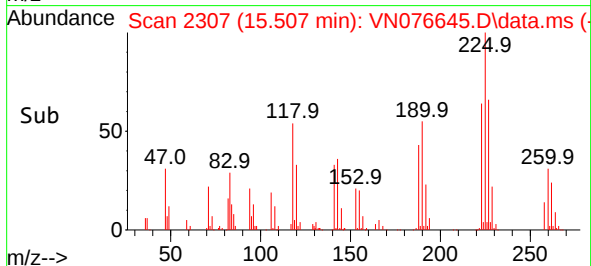
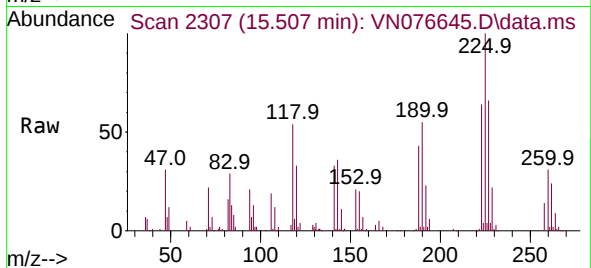
227 64.2 31.3 93.9

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#95

Naphthalene

Concen: 59.876 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076645.D

Acq: 13 Feb 2023 22:20

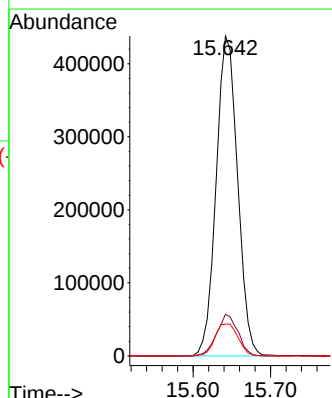
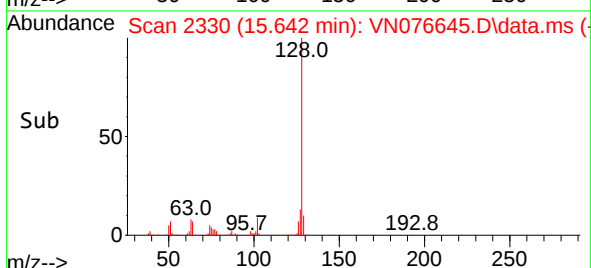
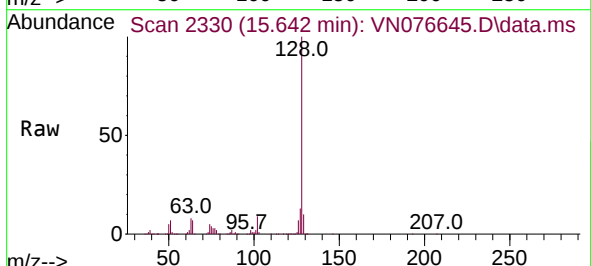
Tgt Ion:128 Resp: 842412

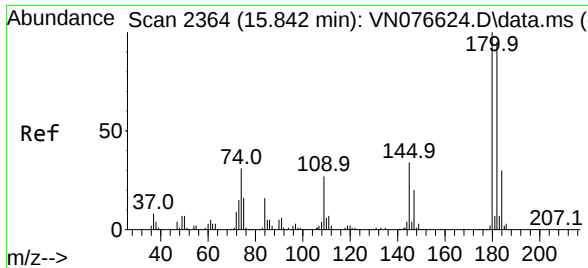
Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

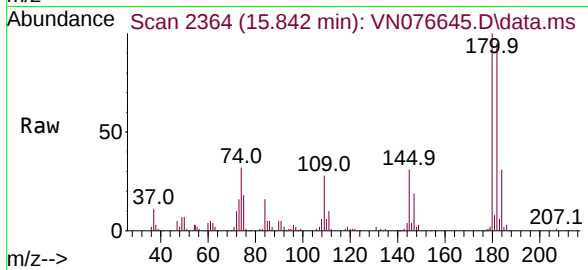
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 56.962 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076645.D
 Acq: 13 Feb 2023 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-02-160-180-021023MSD



Tgt Ion:180 Resp: 25586
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.7 140.1
 145 31.9 16.0 47.9

Manual Integrations
 APPROVED

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

