

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076632.D
 Acq On : 13 Feb 2023 16:56
 Operator : JC\MD
 Sample : VN0213WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Quant Time: Feb 14 05:23:29 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	348212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	626470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	573981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	275237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	248886	51.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	8.178	113	203651	49.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	10.572	98	792074	51.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.854	95	266882	52.592	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	77853	21.056	ug/l	91
3) Chloromethane	2.378	50	88581	18.363	ug/l	98
4) Vinyl Chloride	2.525	62	92567	19.497	ug/l	95
5) Bromomethane	2.960	94	62323	21.665	ug/l	91
6) Chloroethane	3.131	64	60755	20.249	ug/l	100
7) Trichlorofluoromethane	3.513	101	121464	18.803	ug/l	96
8) Diethyl Ether	3.978	74	49022	19.694	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	73487	19.361	ug/l	99
10) Methyl Iodide	4.607	142	84568	18.042	ug/l	91
11) Tert butyl alcohol	5.531	59	61132	96.319	ug/l #	84
12) 1,1-Dichloroethene	4.348	96	68370	19.022	ug/l	91
13) Acrolein	4.196	56	92639	97.223	ug/l	98
14) Allyl chloride	5.037	41	118604	19.045	ug/l	98
15) Acrylonitrile	5.731	53	216368	96.060	ug/l	98
16) Acetone	4.443	43	178473	83.095	ug/l	93
17) Carbon Disulfide	4.725	76	181942	19.173	ug/l	100
18) Methyl Acetate	5.037	43	142881	20.380	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	245683	20.275	ug/l	93
20) Methylene Chloride	5.290	84	84390	18.747	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	77686	19.201	ug/l #	87
22) Diisopropyl ether	6.684	45	298491	20.435	ug/l	95
23) Vinyl Acetate	6.613	43	947779	109.667	ug/l	99
24) 1,1-Dichloroethane	6.572	63	152045	18.993	ug/l	93
25) 2-Butanone	7.489	43	299547	94.549	ug/l	97
26) 2,2-Dichloropropane	7.501	77	111932	19.385	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	87911	18.320	ug/l	95
28) Bromochloromethane	7.819	49	64272	16.869	ug/l	95
29) Tetrahydrofuran	7.842	42	204163	98.633	ug/l	99
30) Chloroform	7.972	83	152684	19.089	ug/l	95
31) Cyclohexane	8.266	56	148061	19.630	ug/l	92
32) 1,1,1-Trichloroethane	8.178	97	130083	19.343	ug/l	96
36) 1,1-Dichloropropene	8.378	75	111817	18.864	ug/l	99
37) Ethyl Acetate	7.572	43	125384	20.104	ug/l	99
38) Carbon Tetrachloride	8.366	117	112033	18.736	ug/l	93
39) Methylcyclohexane	9.607	83	137055	20.341	ug/l	95
40) Benzene	8.613	78	348314	19.135	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	69859	19.335	ug/l	98
42) 1,2-Dichloroethane	8.678	62	119336	18.797	ug/l	99
43) Isopropyl Acetate	8.695	43	200862	19.792	ug/l	99
44) Trichloroethene	9.360	130	81748	19.004	ug/l	98
45) 1,2-Dichloropropane	9.625	63	95308	19.779	ug/l	94
46) Dibromomethane	9.713	93	59217	19.222	ug/l	100
47) Bromodichloromethane	9.889	83	119216	19.302	ug/l #	91
48) Methyl methacrylate	9.683	41	94074	19.535	ug/l	99
49) 1,4-Dioxane	9.695	88	33890	406.829	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	638697	98.916	ug/l	100
52) Toluene	10.636	92	219157	19.941	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	120990	20.295	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	138831	20.189	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	84449	18.897	ug/l	95
56) Ethyl methacrylate	10.877	69	127146	20.213	ug/l	98
57) 1,3-Dichloropropane	11.166	76	148809	19.382	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	295701	102.644	ug/l	98
59) 2-Hexanone	11.195	43	456286	98.006	ug/l	99
60) Dibromochloromethane	11.366	129	89808	19.068	ug/l	99
61) 1,2-Dibromoethane	11.472	107	86144	19.258	ug/l	98
64) Tetrachloroethene	11.107	164	67332	18.614	ug/l	97
65) Chlorobenzene	11.895	112	231717	19.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	86219	19.514	ug/l	99
67) Ethyl Benzene	11.966	91	416412	20.093	ug/l	93
68) m/p-Xylenes	12.077	106	322227	40.338	ug/l	97
69) o-Xylene	12.401	106	158001	20.281	ug/l	98
70) Styrene	12.413	104	258741	20.538	ug/l	100
71) Bromoform	12.583	173	61530	18.985	ug/l #	93
73) Isopropylbenzene	12.701	105	409557	20.301	ug/l	98
74) N-amyl acetate	12.501	43	182063	20.022	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	133303	18.255	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	113382m	20.376	ug/l	
77) Bromobenzene	12.983	156	97427	19.357	ug/l	98
78) n-propylbenzene	13.036	91	481560	20.328	ug/l	100
79) 2-Chlorotoluene	13.130	91	291274	20.081	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	352736	21.157	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	36192	18.944	ug/l	94
82) 4-Chlorotoluene	13.130	91	291274	20.081	ug/l	97
83) tert-Butylbenzene	13.442	119	313694	20.798	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	344540	20.735	ug/l	97
85) sec-Butylbenzene	13.618	105	429843	20.413	ug/l	99
86) p-Isopropyltoluene	13.730	119	355051	21.115	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	182126	19.142	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	182638	19.276	ug/l	98
89) n-Butylbenzene	14.060	91	298662	20.422	ug/l	99
90) Hexachloroethane	14.336	117	62885	17.861	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	186899	19.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	23740	16.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	95710	19.671	ug/l	98
94) Hexachlorobutadiene	15.507	225	45432	19.051	ug/l	99
95) Naphthalene	15.648	128	309743	20.978	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	93878	19.915	ug/l	99

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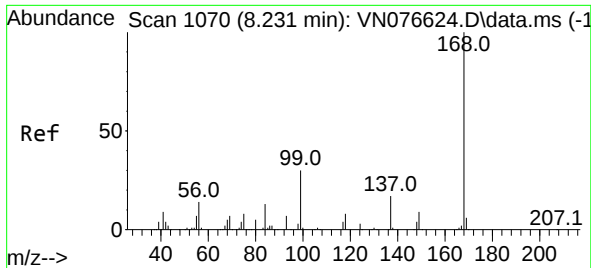
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

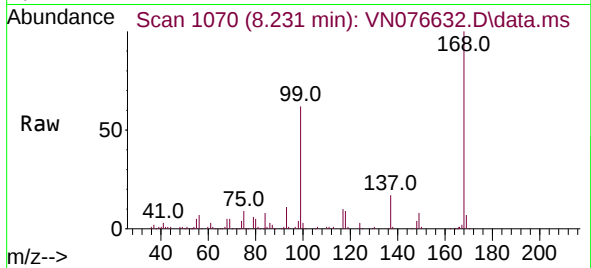
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

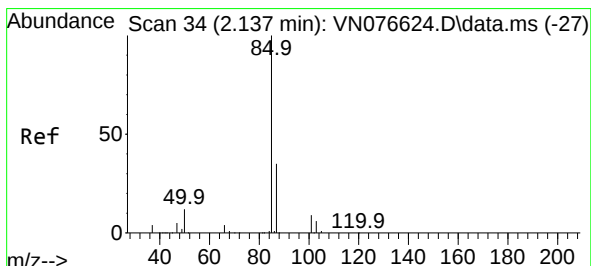
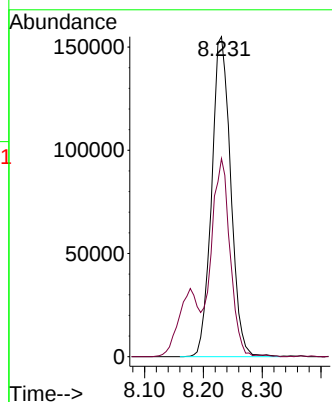
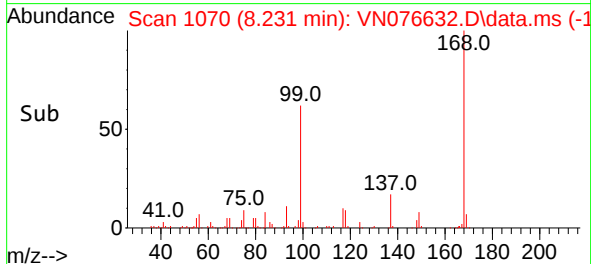
Instrument :
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Tgt Ion:168 Resp: 34821
Ion Ratio Lower Upper
168 100
99 61.9 44.8 67.2

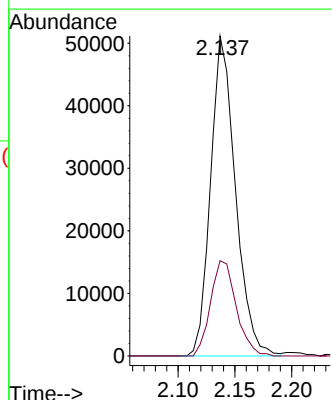
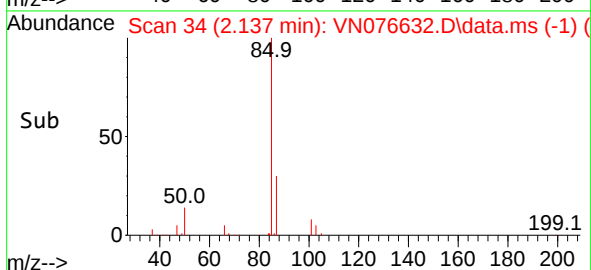
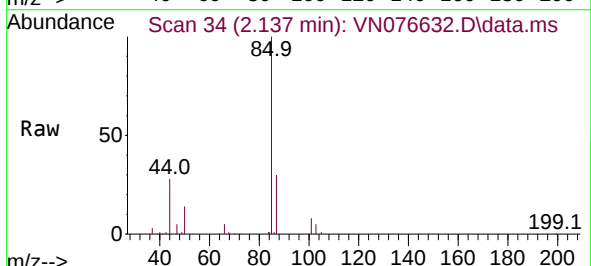
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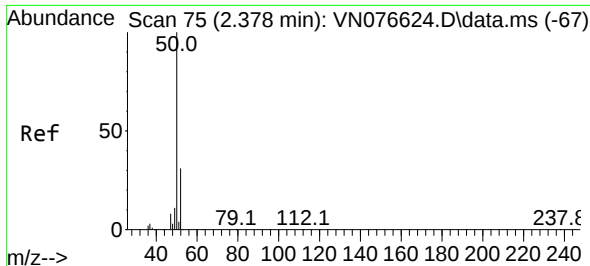
Reviewed By :John Carlone 02/14/2023
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#2
Dichlorodifluoromethane
Concen: 21.056 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

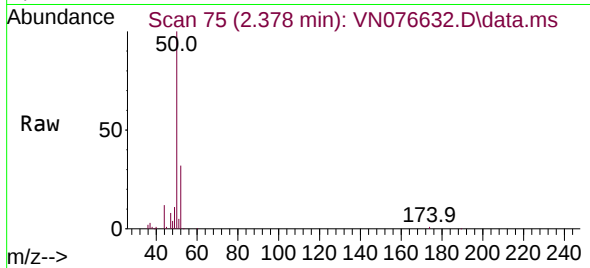
Tgt Ion: 85 Resp: 77853
Ion Ratio Lower Upper
85 100
87 29.7 17.4 52.2





#3
Chloromethane
Concen: 18.363 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

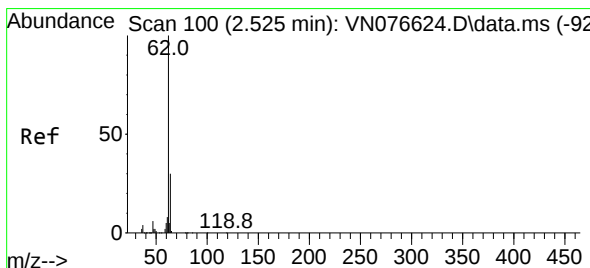
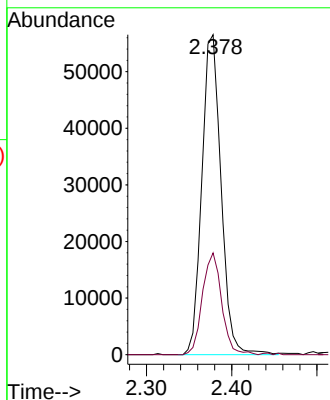
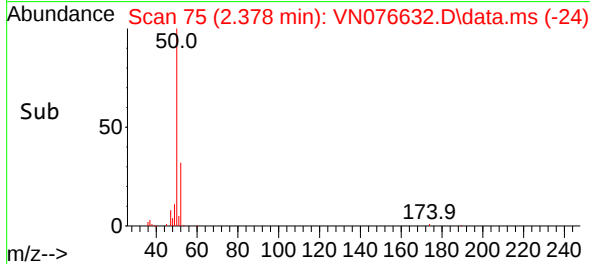
Instrument :
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Tgt Ion: 50 Resp: 8858
Ion Ratio Lower Upper
50 100
52 31.8 24.7 37.1

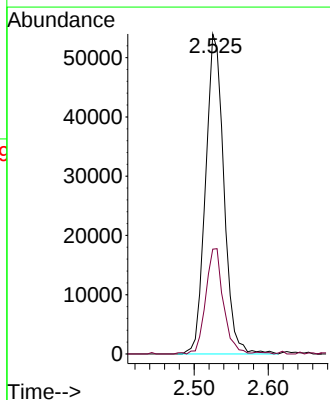
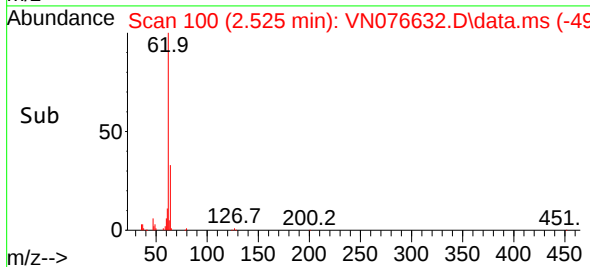
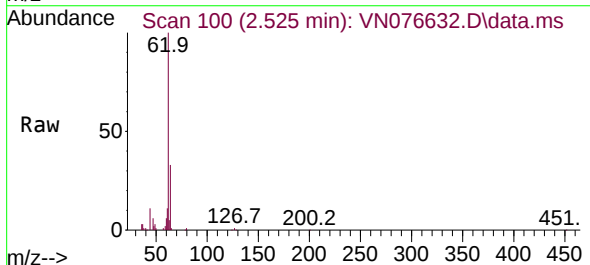
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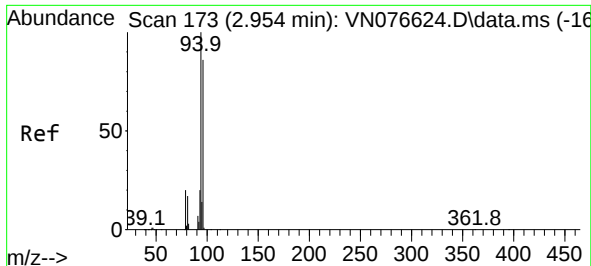
Reviewed By :John Carlone 02/14/2023
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#4
Vinyl Chloride
Concen: 19.497 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

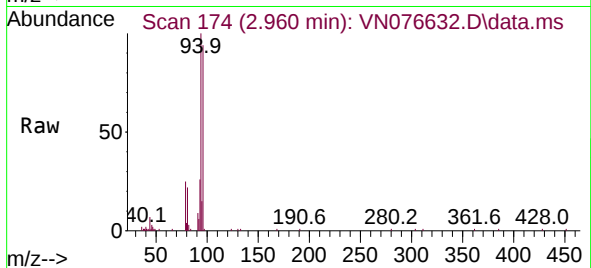
Tgt Ion: 62 Resp: 92567
Ion Ratio Lower Upper
62 100
64 32.5 23.9 35.9





#5
Bromomethane
Concen: 21.665 ug/l
RT: 2.960 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

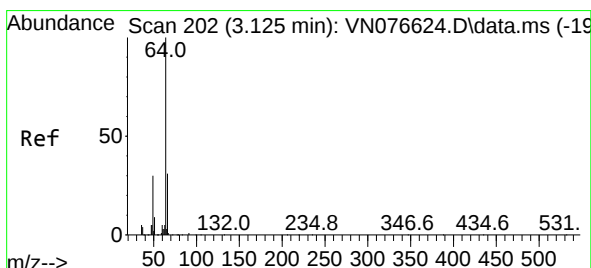
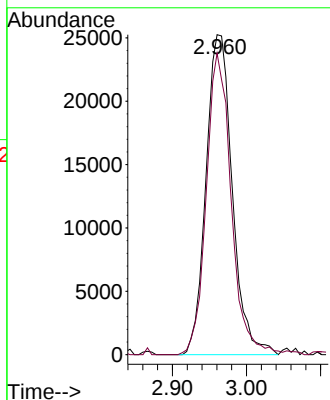
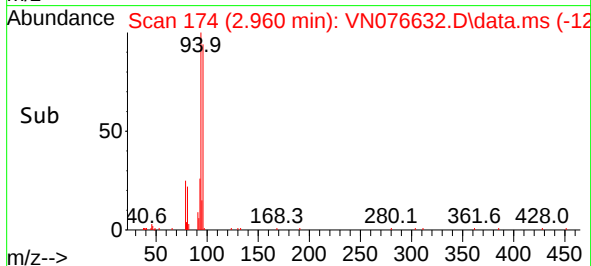
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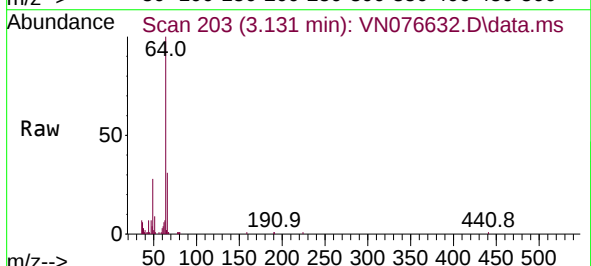
Tgt Ion: 94 Resp: 6232
Ion Ratio Lower Upper
94 100
96 94.2 69.0 103.4

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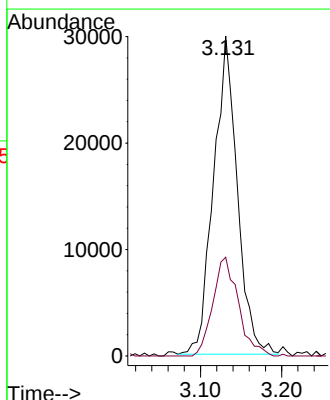
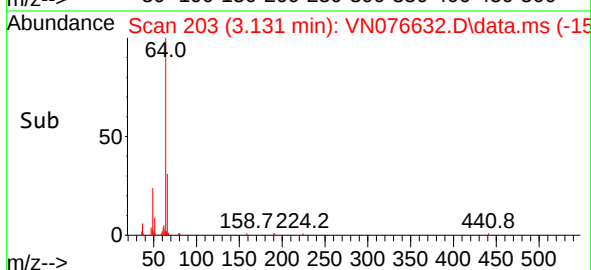
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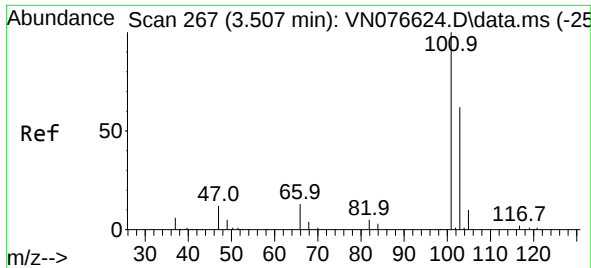


#6
Chloroethane
Concen: 20.249 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 60755
Ion Ratio Lower Upper
64 100
66 31.0 24.6 37.0





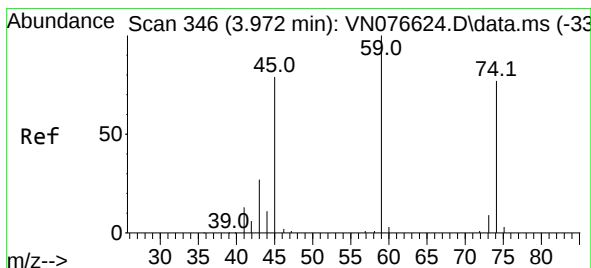
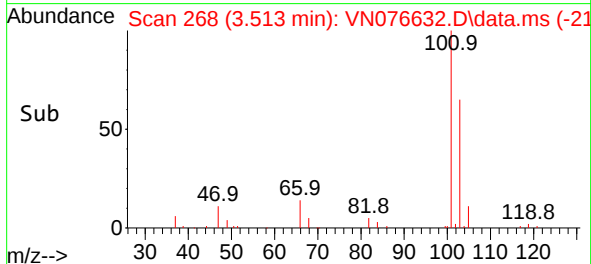
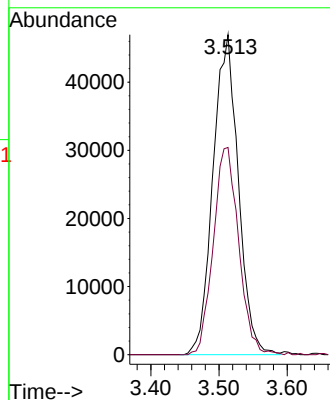
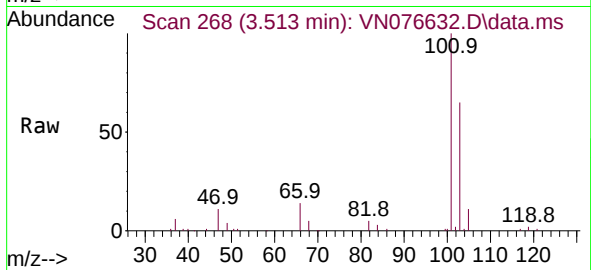
#7
 Trichlorofluoromethane
 Concen: 18.803 ug/l
 RT: 3.513 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

Instrument :
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Tgt Ion:101 Resp: 121464
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.4 74.2

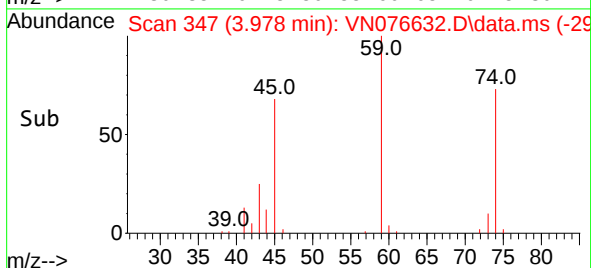
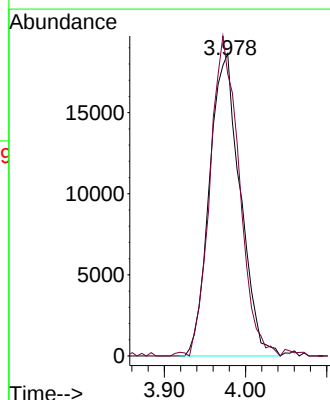
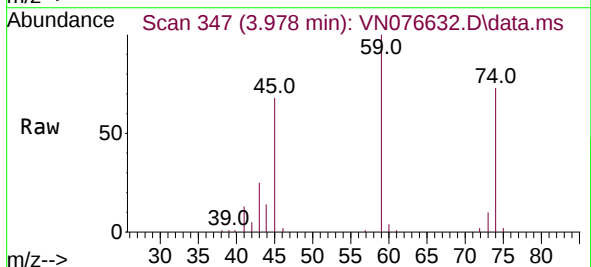
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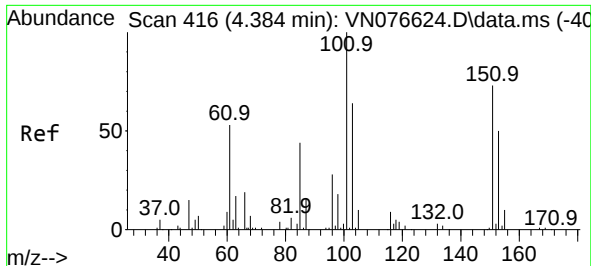
Reviewed By :John Carlone 02/14/2023
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#8
 Diethyl Ether
 Concen: 19.694 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

Tgt Ion: 74 Resp: 49022
 Ion Ratio Lower Upper
 74 100
 45 100.6 51.3 153.9





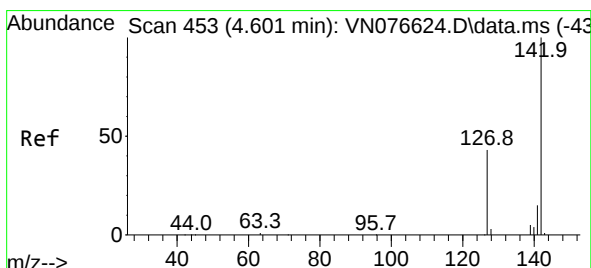
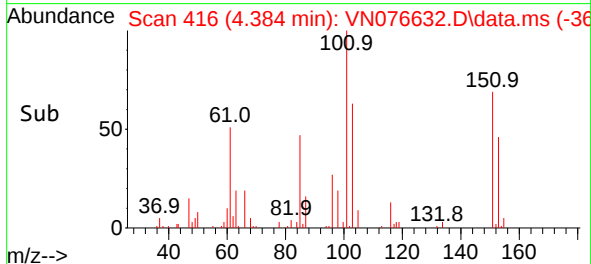
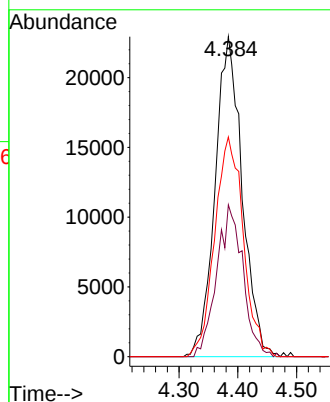
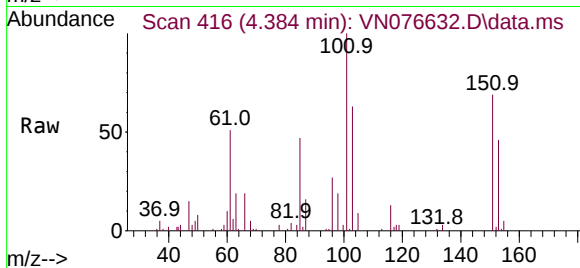
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.361 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:101 Resp: 7348
Ion Ratio Lower Upper
101 100
85 45.8 37.4 56.0
151 72.4 58.7 88.1

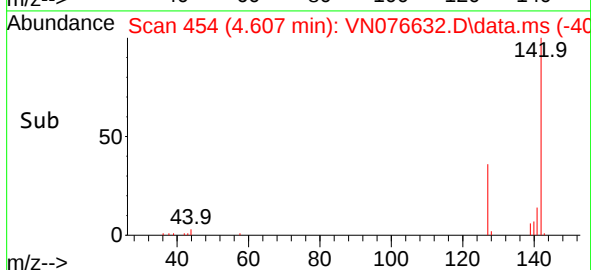
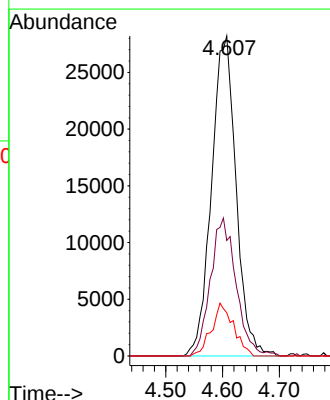
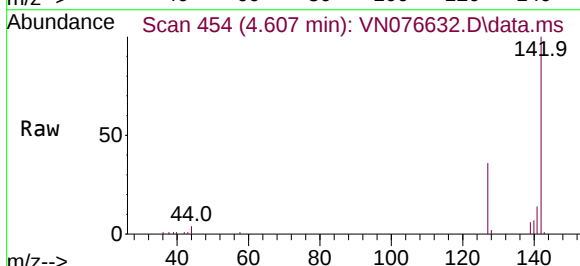
Manual Integrations
APPROVED

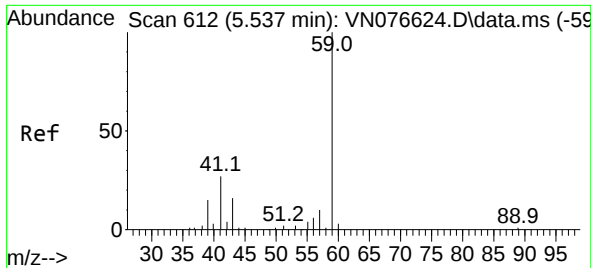
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 18.042 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

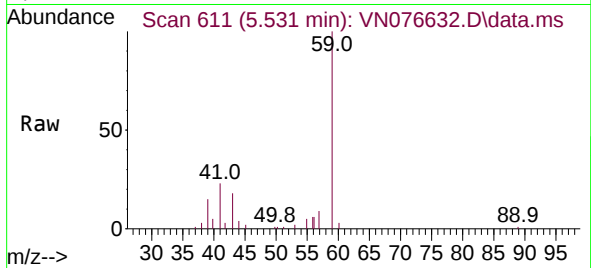
Tgt Ion:142 Resp: 84568
Ion Ratio Lower Upper
142 100
127 36.1 34.6 51.8
141 13.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 96.319 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

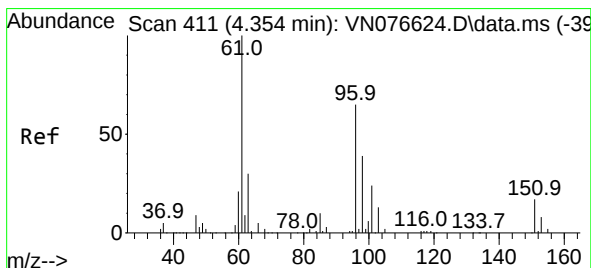
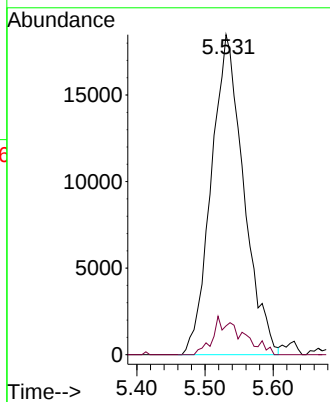
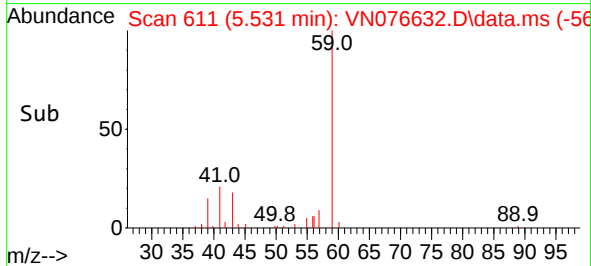
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



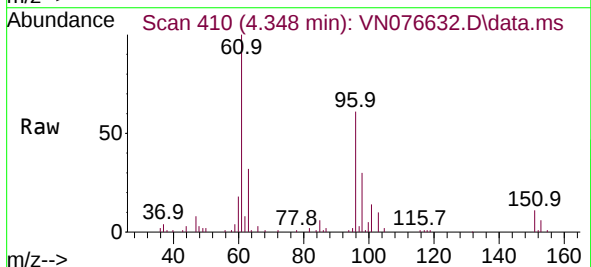
Tgt Ion: 59 Resp: 6113
Ion Ratio Lower Upper
59 100
57 4.7 8.7 13.1

Manual Integrations
APPROVED

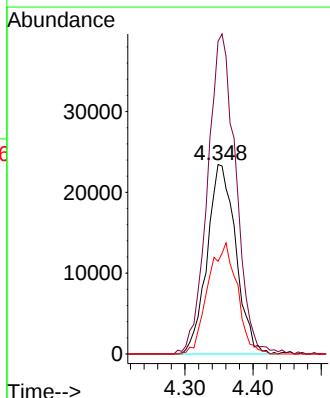
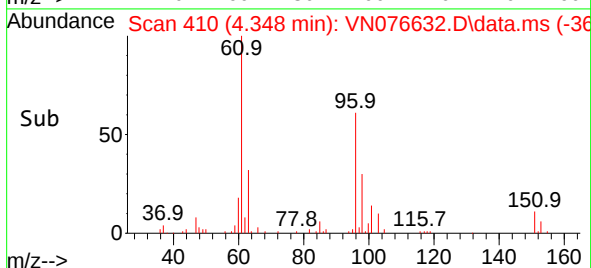
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

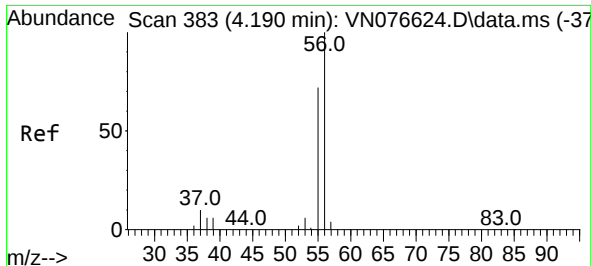


#12
1,1-Dichloroethene
Concen: 19.022 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



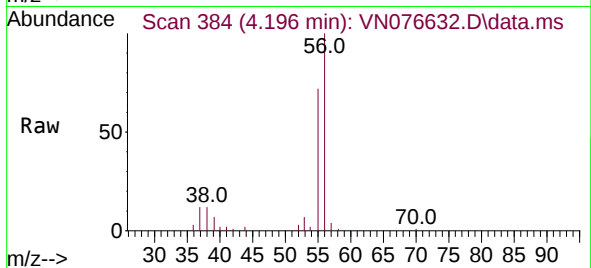
Tgt Ion: 96 Resp: 68370
Ion Ratio Lower Upper
96 100
61 163.8 123.8 185.6
98 48.9 48.4 72.6





#13
Acrolein
Concen: 97.223 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

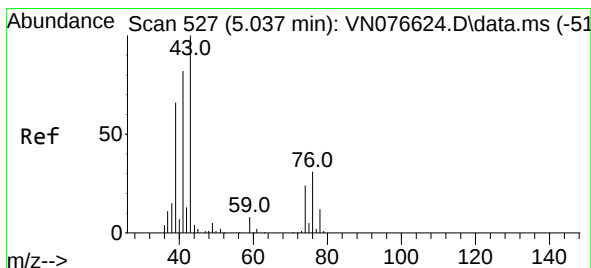
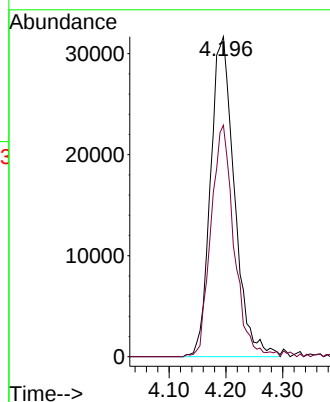
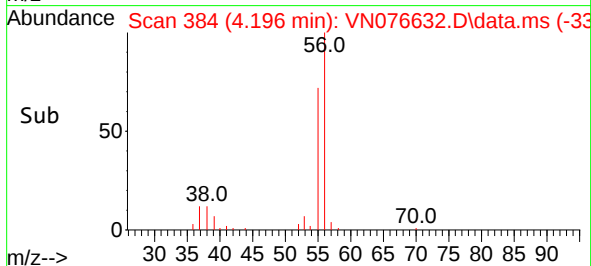
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 56 Resp: 92639
Ion Ratio Lower Upper
56 100
55 69.0 56.3 84.5

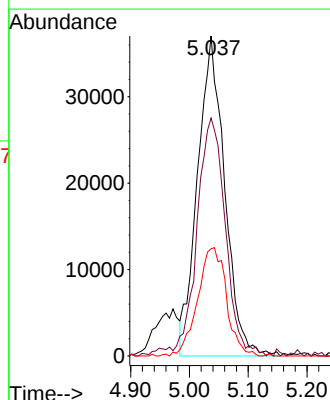
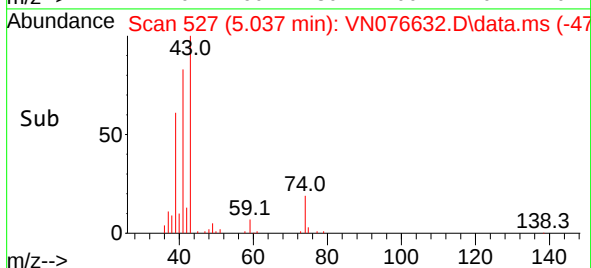
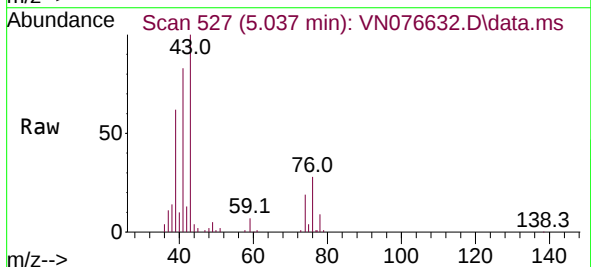
Manual Integrations
APPROVED

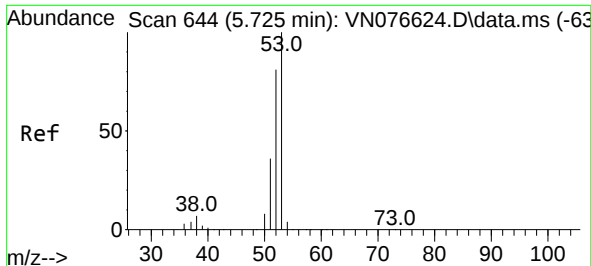
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14
Allyl chloride
Concen: 19.045 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

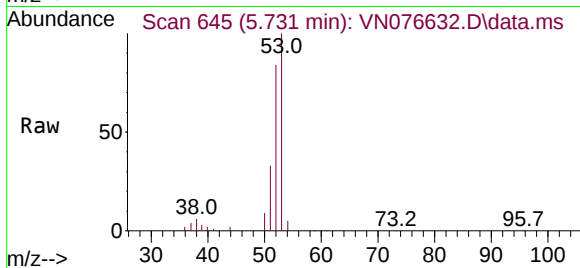
Tgt Ion: 41 Resp: 118604
Ion Ratio Lower Upper
41 100
39 77.0 62.3 93.5
76 36.0 27.0 40.6





#15
Acrylonitrile
Concen: 96.060 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

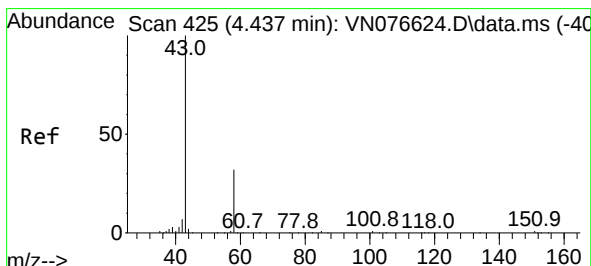
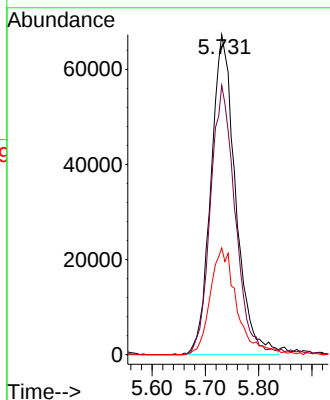
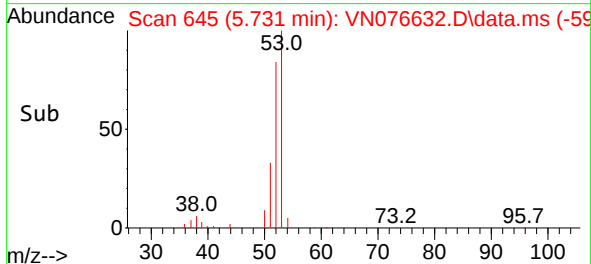
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



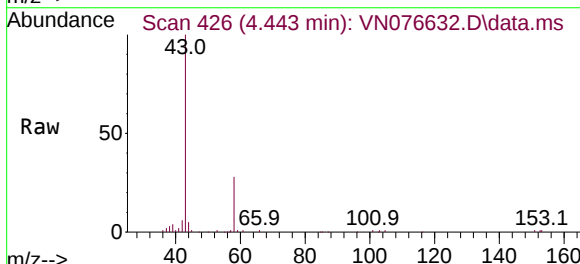
Tgt Ion: 53 Resp: 216368
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 36.1 29.2 43.8

Manual Integrations
APPROVED

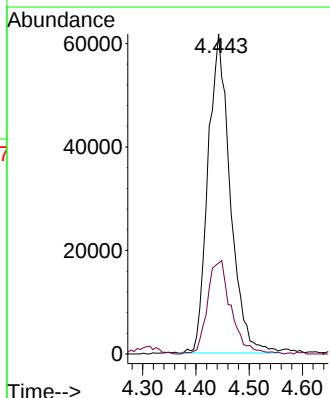
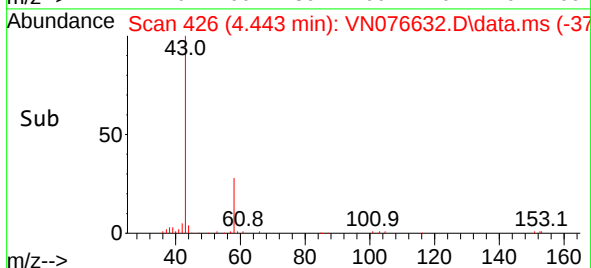
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

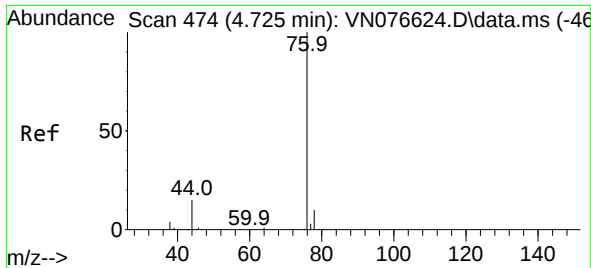


#16
Acetone
Concen: 83.095 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



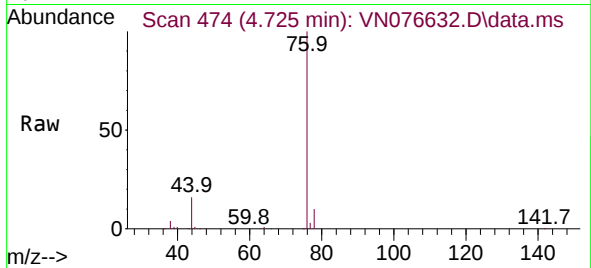
Tgt Ion: 43 Resp: 178473
Ion Ratio Lower Upper
43 100
58 28.5 25.9 38.9





#17
Carbon Disulfide
Concen: 19.173 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

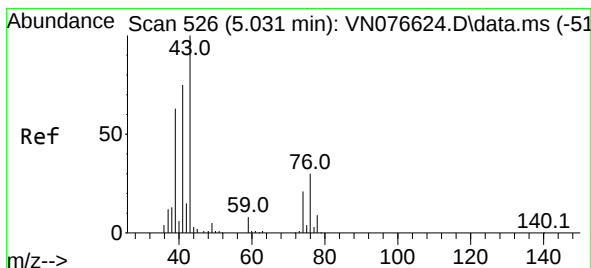
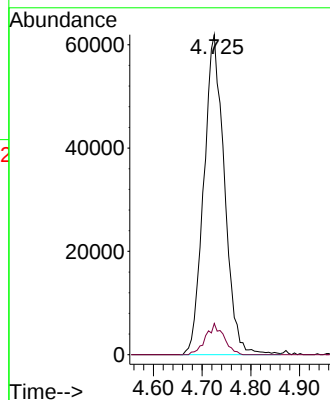
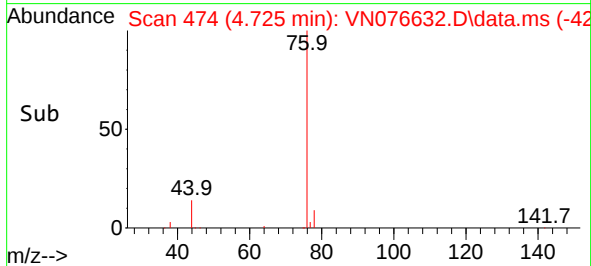
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



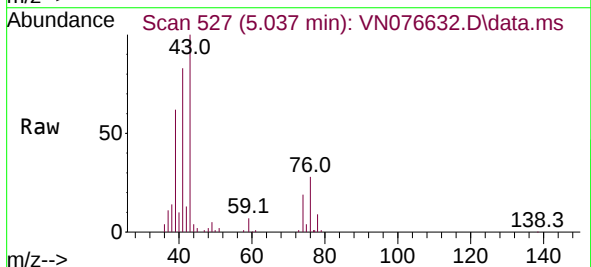
Tgt Ion: 76 Resp: 18194
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

Manual Integrations
APPROVED

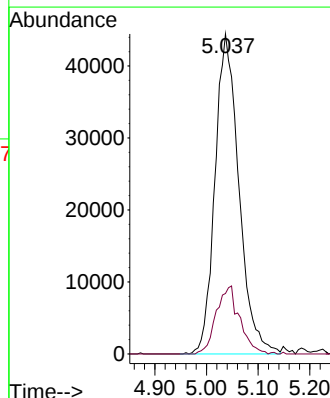
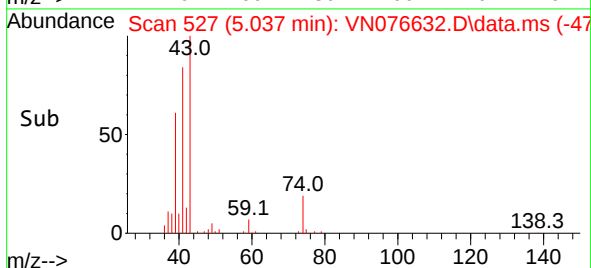
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

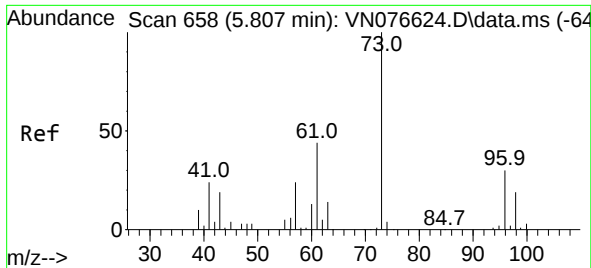


#18
Methyl Acetate
Concen: 20.380 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion: 43 Resp: 142881
Ion Ratio Lower Upper
43 100
74 20.7 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 20.275 ug/l

RT: 5.807 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tgt Ion: 73 Resp: 24568

Ion Ratio Lower Upper

73 100

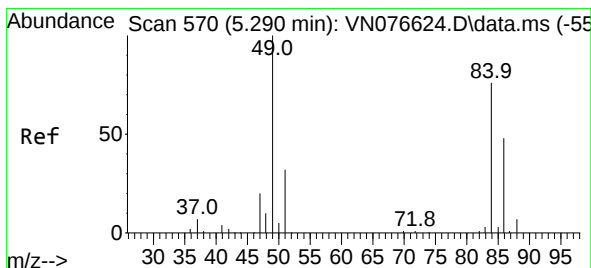
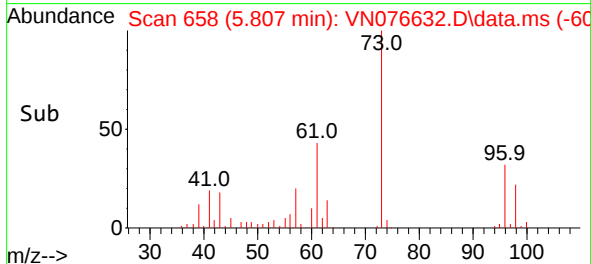
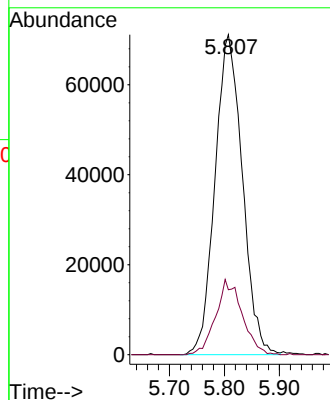
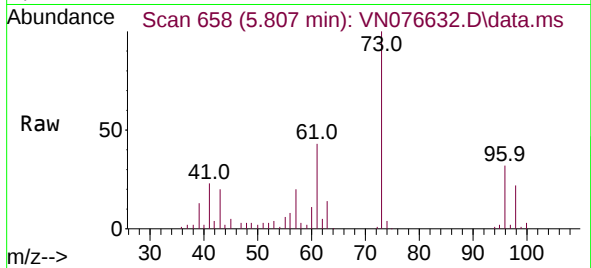
57 20.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#20

Methylene Chloride

Concen: 18.747 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Tgt Ion: 84 Resp: 84390

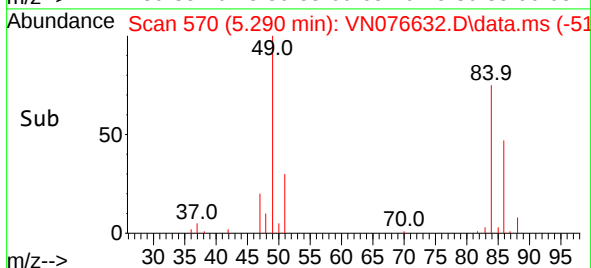
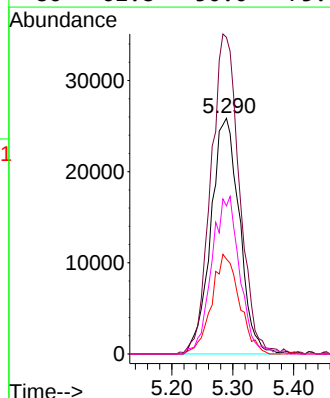
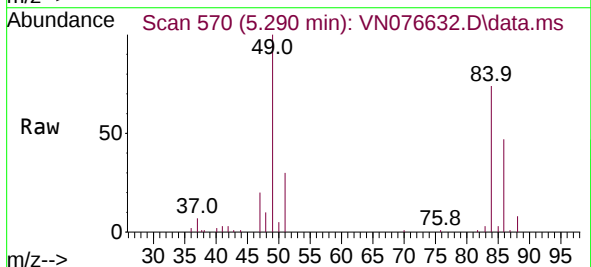
Ion Ratio Lower Upper

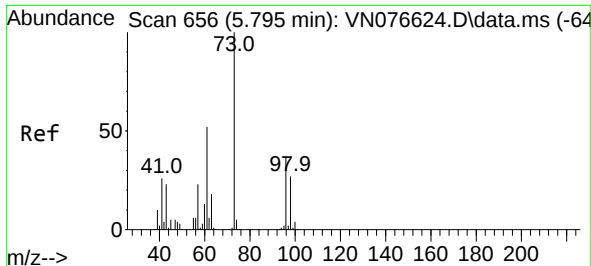
84 100

49 133.5 104.9 157.3

51 40.3 33.8 50.8

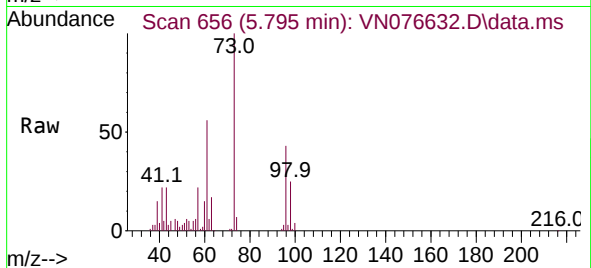
86 62.8 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 19.201 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

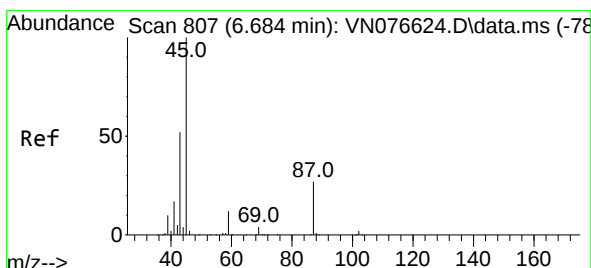
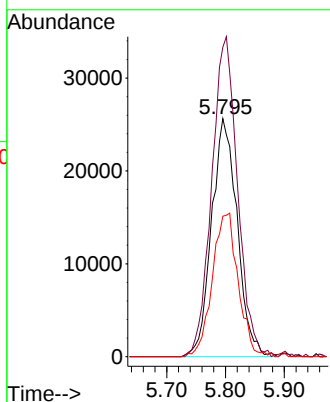
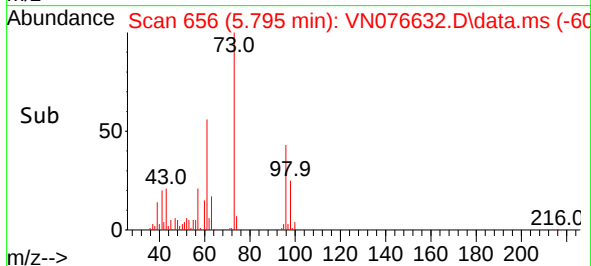
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 96 Resp: 77680
Ion Ratio Lower Upper
96 100
61 130.0 113.9 170.9
98 59.0 59.4 89.0

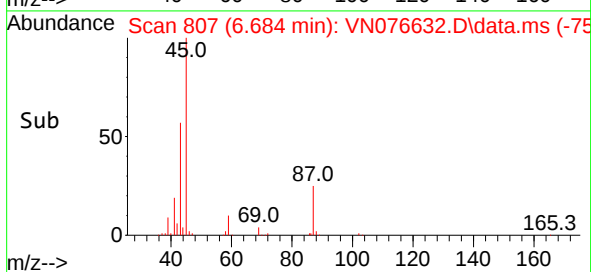
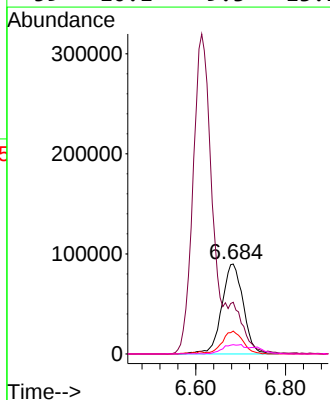
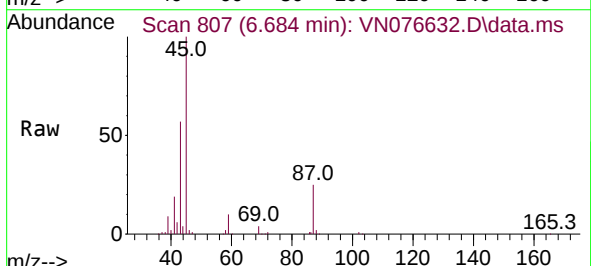
Manual Integrations
APPROVED

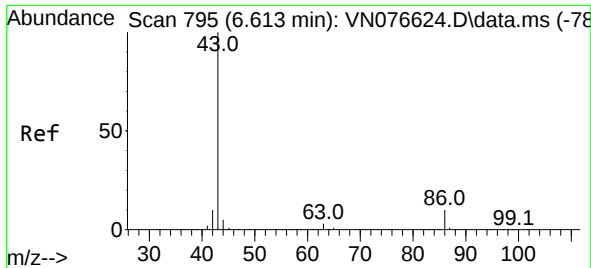
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#22
Diisopropyl ether
Concen: 20.435 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion: 45 Resp: 298491
Ion Ratio Lower Upper
45 100
43 56.1 41.8 62.6
87 25.5 21.8 32.8
59 10.1 9.3 13.9





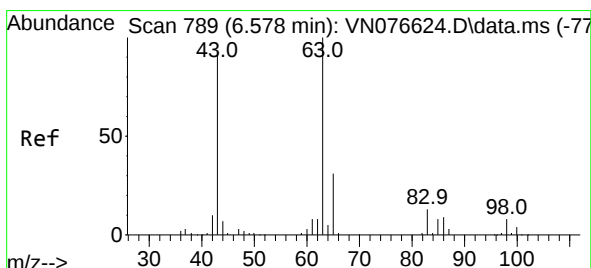
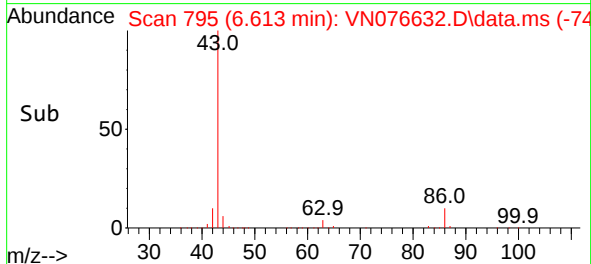
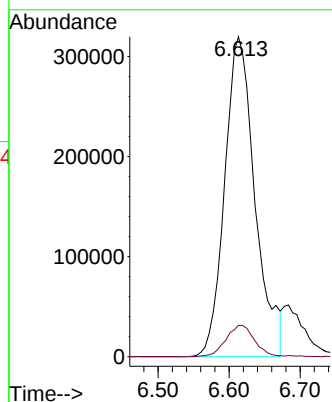
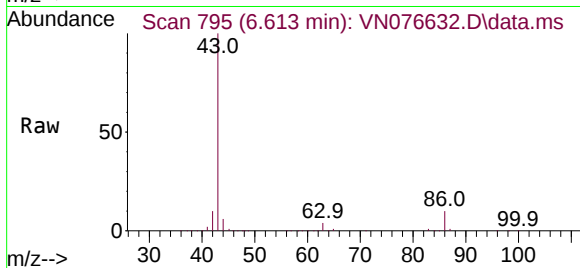
#23
 Vinyl Acetate
 Concen: 109.667 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tgt Ion: 43 Resp: 947779
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2

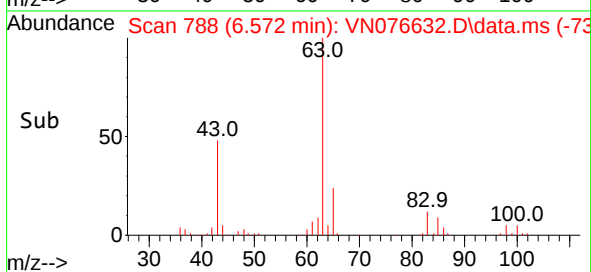
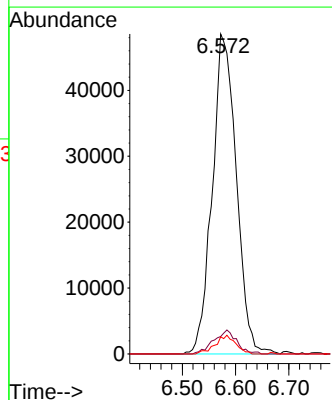
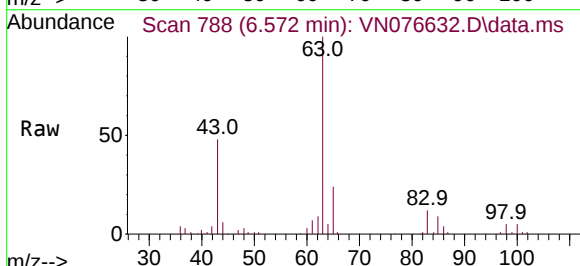
Manual Integrations
 APPROVED

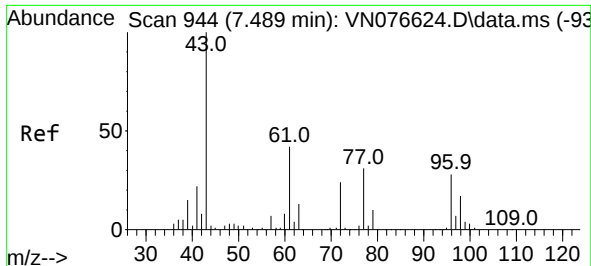
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 18.993 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

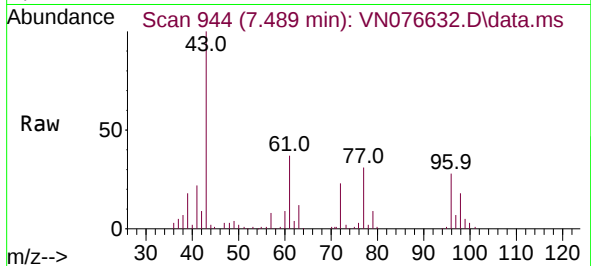
Tgt Ion: 63 Resp: 152045
 Ion Ratio Lower Upper
 63 100
 98 5.4 4.1 12.3
 100 5.4 2.0 5.8





#25
2-Butanone
Concen: 94.549 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

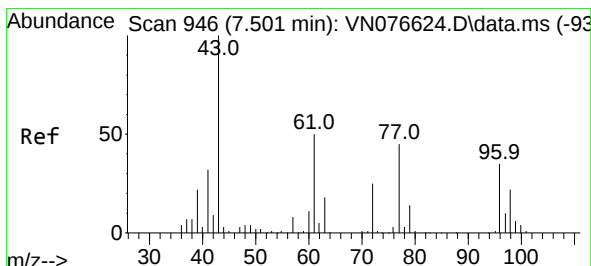
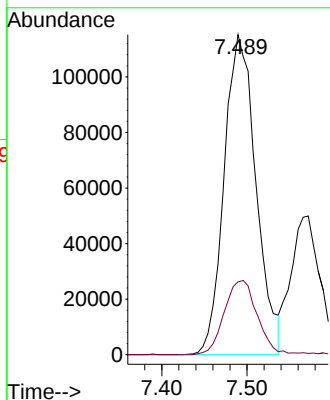
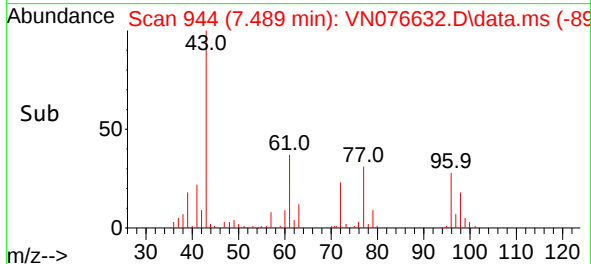
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 43 Resp: 29954
Ion Ratio Lower Upper
43 100
72 22.7 19.4 29.2

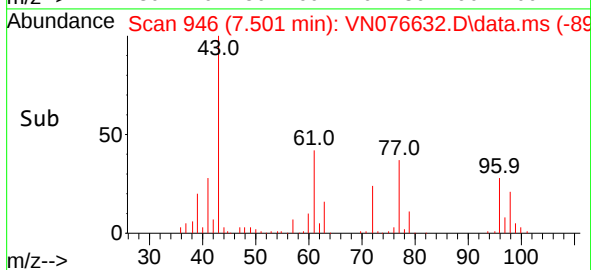
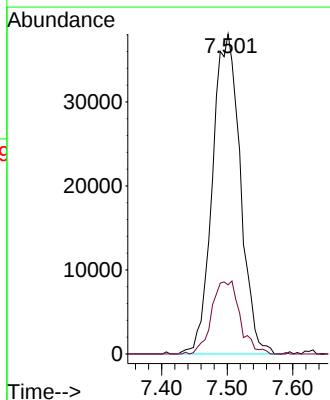
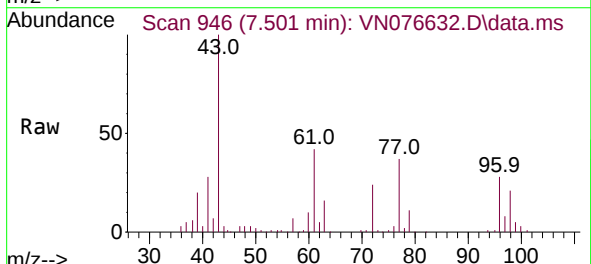
Manual Integrations
APPROVED

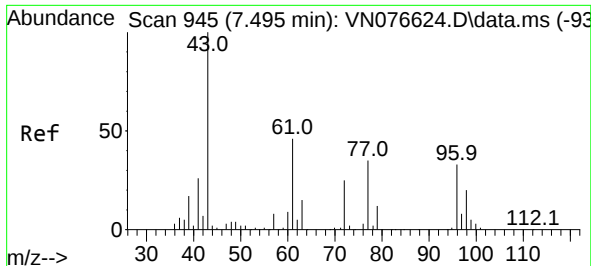
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 19.385 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

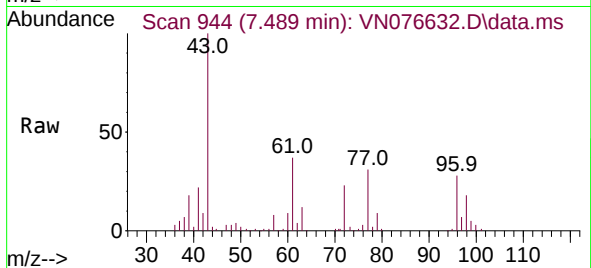
Tgt Ion: 77 Resp: 111932
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.320 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

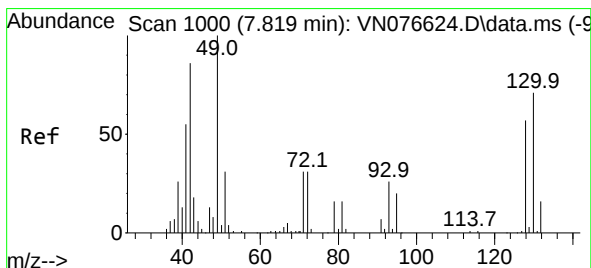
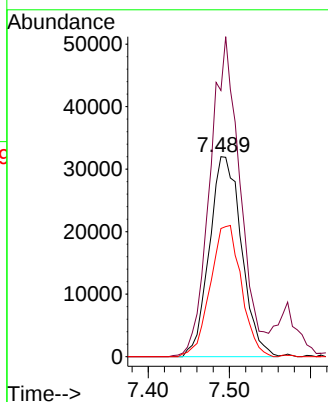
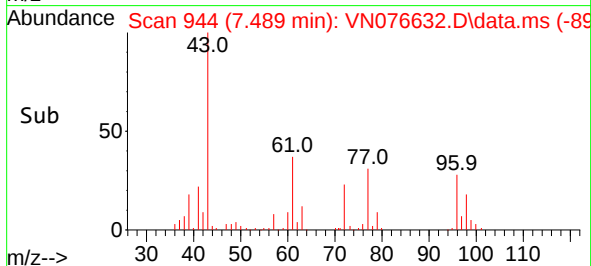
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01



Tgt Ion: 96 Resp: 8791
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 286.8
 98 63.4 0.0 124.0

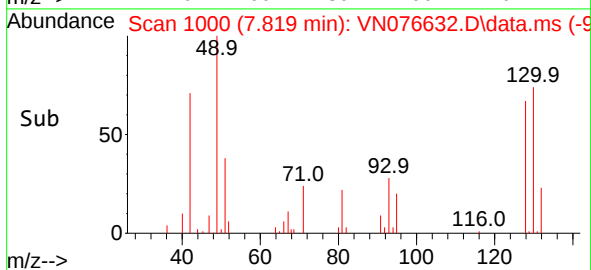
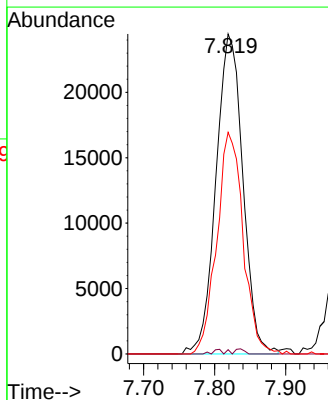
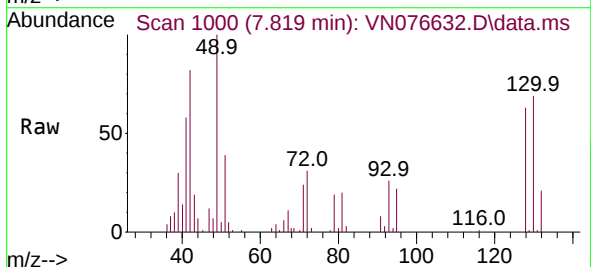
Manual Integrations
 APPROVED

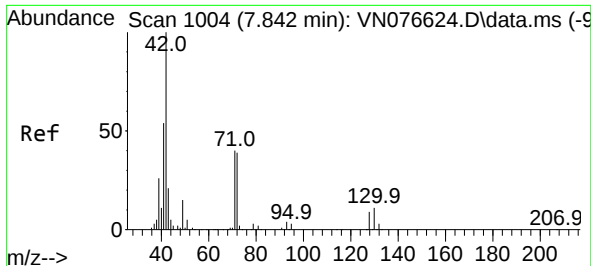
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#28
 Bromochloromethane
 Concen: 16.869 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

Tgt Ion: 49 Resp: 64272
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.0
 130 67.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 98.633 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

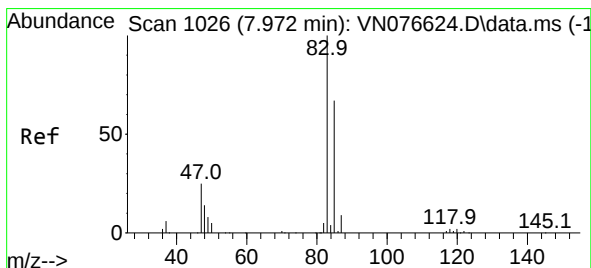
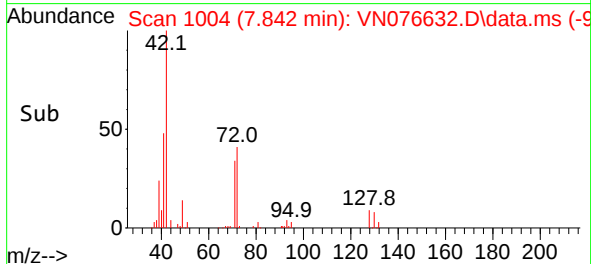
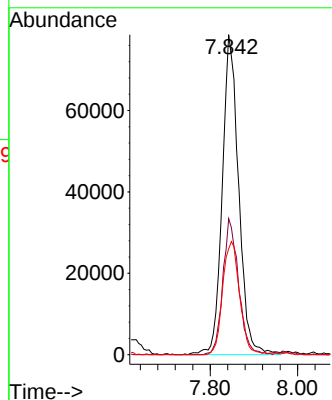
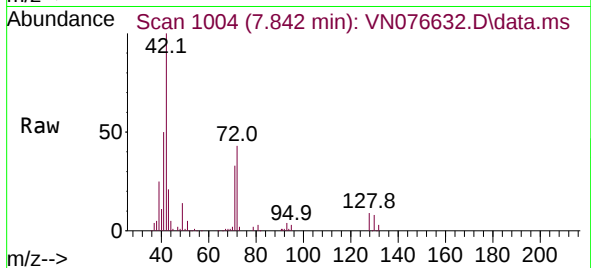
Tgt Ion:	42	Resp:	20416
Ion Ratio	Lower	Upper	
42	100		
72	40.6	31.5	47.3
71	36.7	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 19.089 ug/l

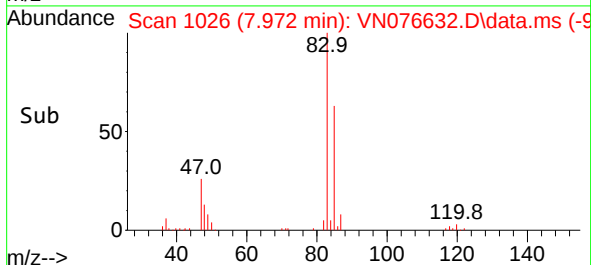
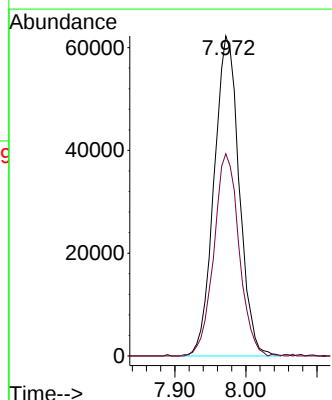
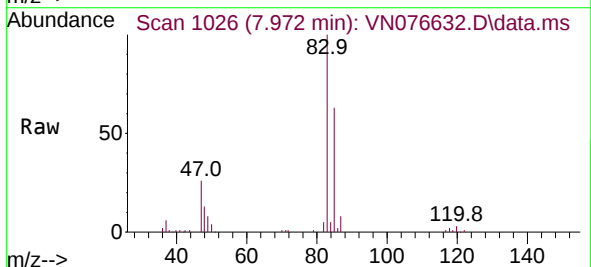
RT: 7.972 min Scan# 1026

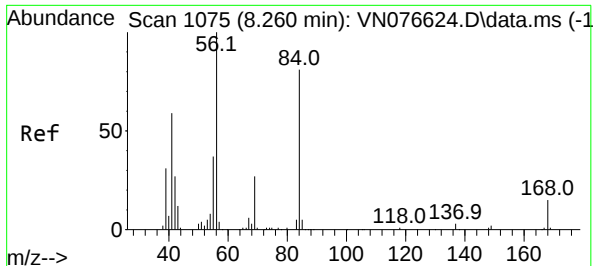
Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

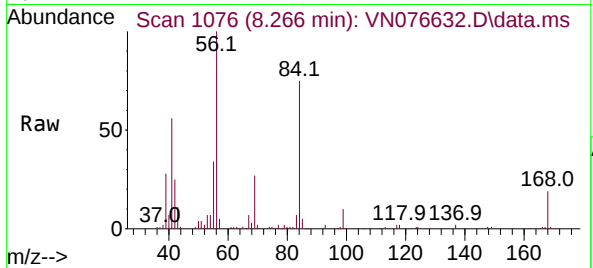
Tgt Ion:	83	Resp:	152684
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.5	80.3





#31
Cyclohexane
Concen: 19.630 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

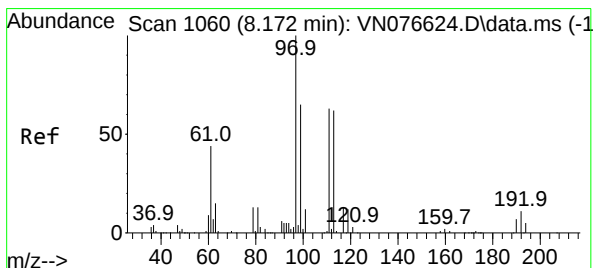
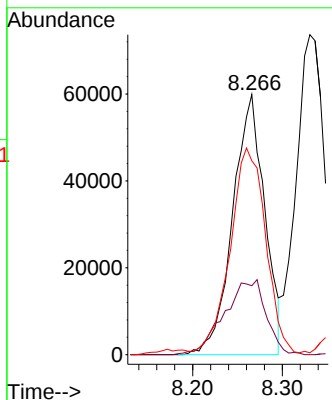
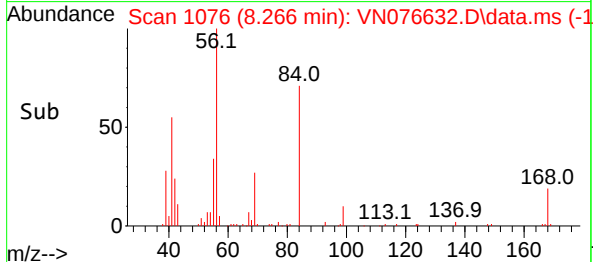
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



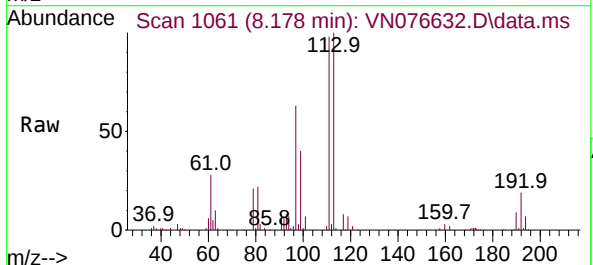
Tgt Ion: 56 Resp: 148063
Ion Ratio Lower Upper
56 100
69 26.2 21.6 32.4
84 72.8 65.1 97.7

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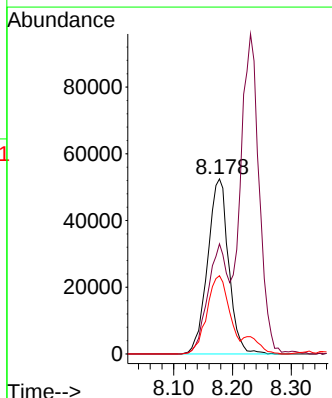
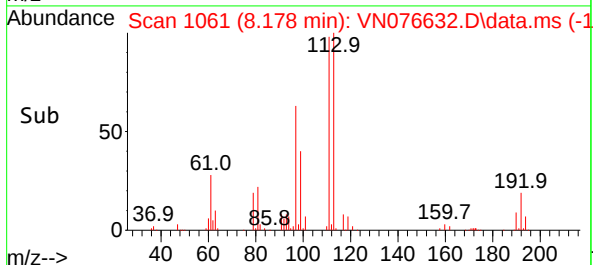
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

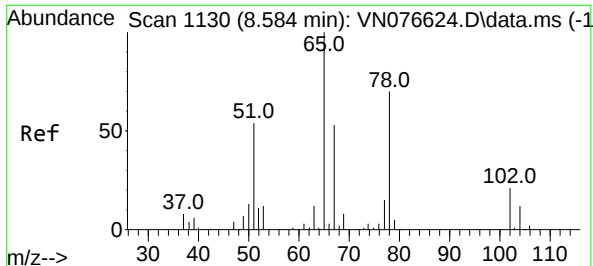


#32
1,1,1-Trichloroethane
Concen: 19.343 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion: 97 Resp: 130083
Ion Ratio Lower Upper
97 100
99 59.1 51.2 76.8
61 47.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.762 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tgt Ion: 65 Resp: 248880

Ion Ratio Lower Upper

65 100

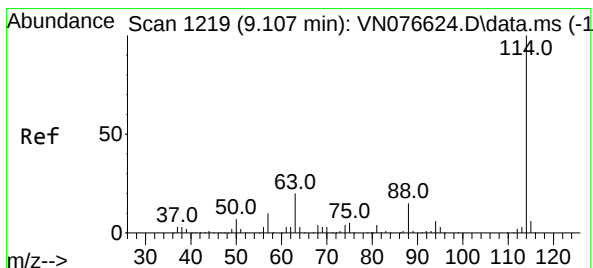
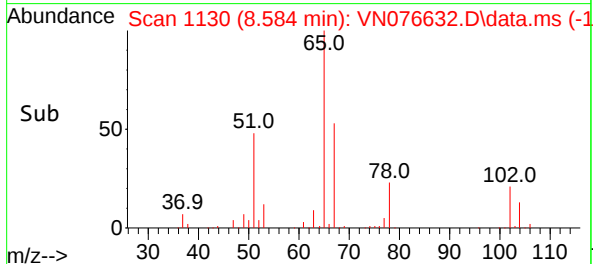
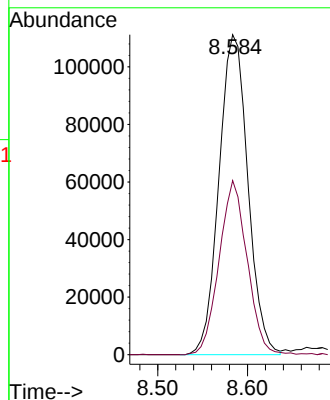
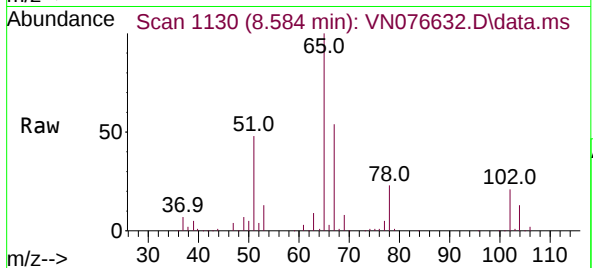
67 52.9 0.0 105.6

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: VN076632.D

Acq: 13 Feb 2023 16:56

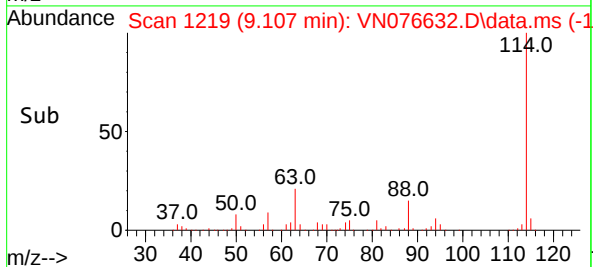
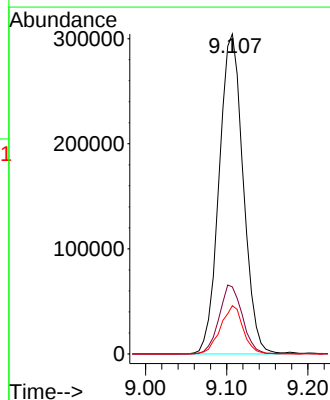
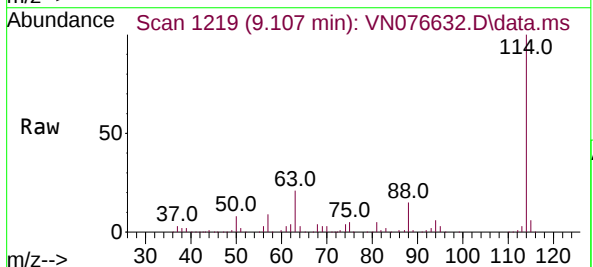
Tgt Ion:114 Resp: 626470

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.639 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tgt Ion: 113 Resp: 20365

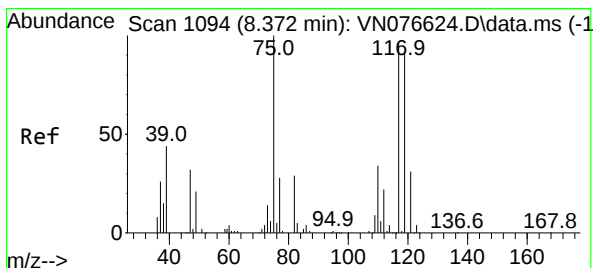
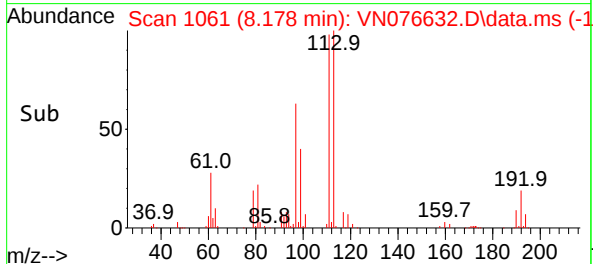
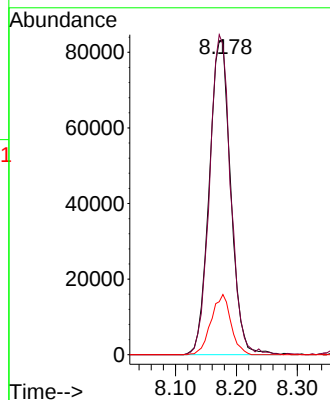
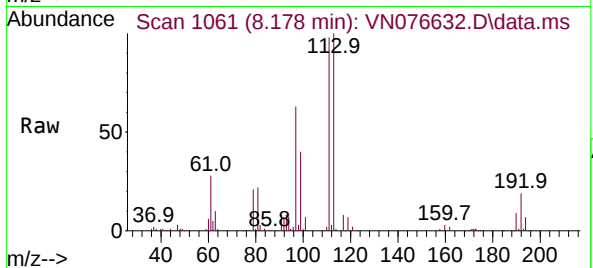
Ion	Ratio	Lower	Upper
113	100		
111	99.7	83.1	124.7
192	17.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#36

1,1-Dichloropropene

Concen: 18.864 ug/l

RT: 8.378 min Scan# 1095

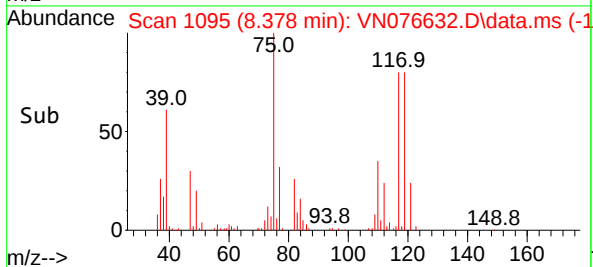
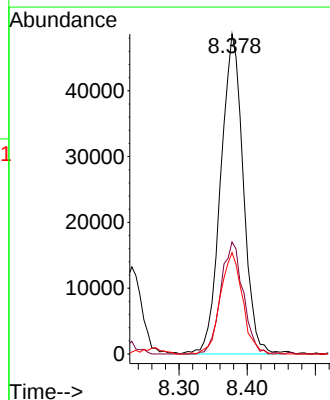
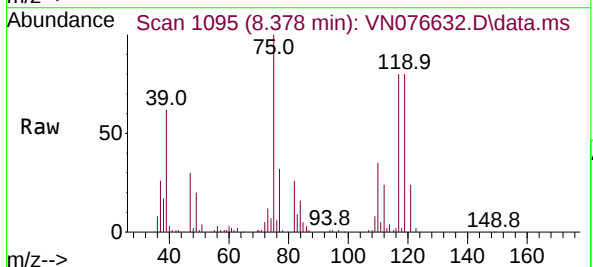
Delta R.T. 0.006 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Tgt Ion: 75 Resp: 111817

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.5	52.5
77	31.2	24.5	36.7





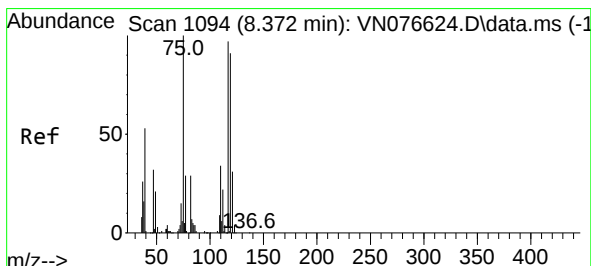
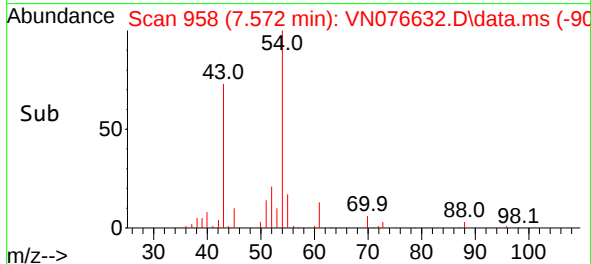
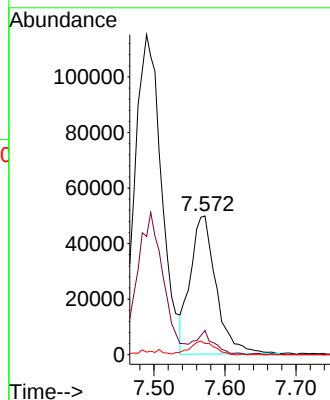
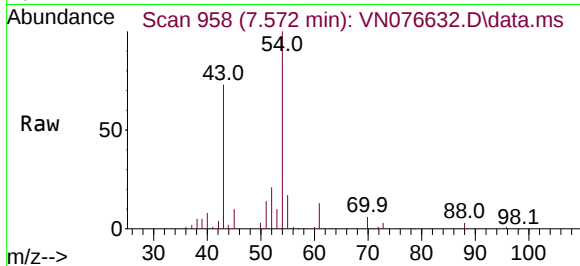
#37
Ethyl Acetate
Concen: 20.104 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion: 43 Resp: 125384
Ion Ratio Lower Upper
43 100
61 12.3 9.9 14.9
70 9.1 7.8 11.6

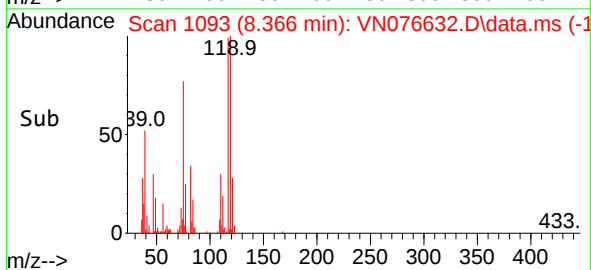
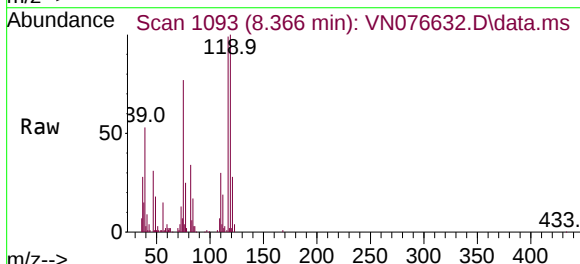
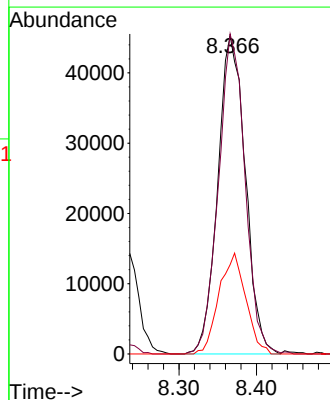
Manual Integrations
APPROVED

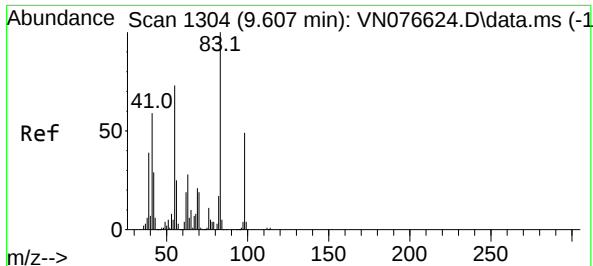
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 18.736 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion:117 Resp: 112033
Ion Ratio Lower Upper
117 100
119 100.6 75.4 113.0
121 28.1 26.0 39.0





#39

Methylcyclohexane

Concen: 20.341 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076632.D

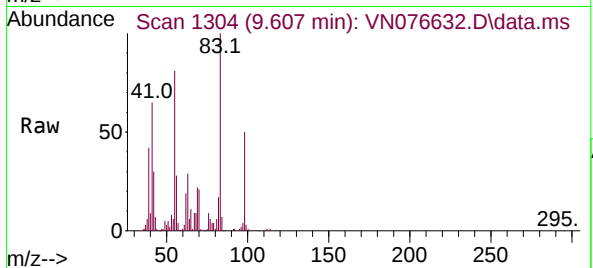
Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01



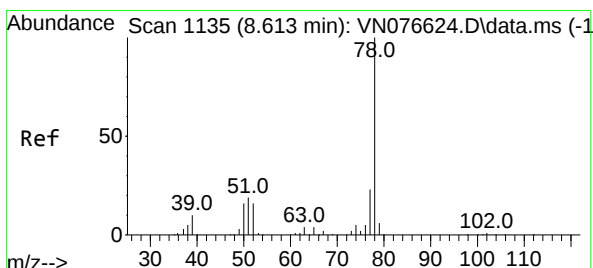
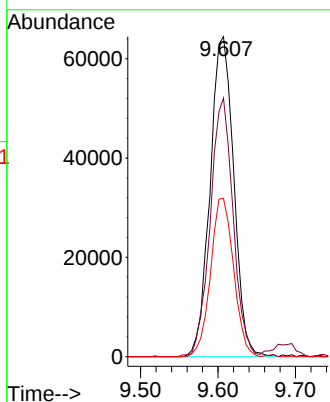
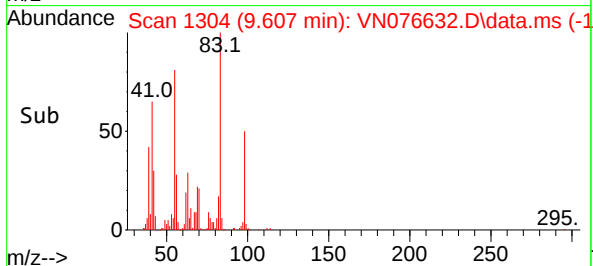
Tgt Ion:	83	Resp:	13705
Ion	Ratio	Lower	Upper
83	100		
55	80.8	58.6	88.0
98	49.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 19.135 ug/l

RT: 8.613 min Scan# 1135

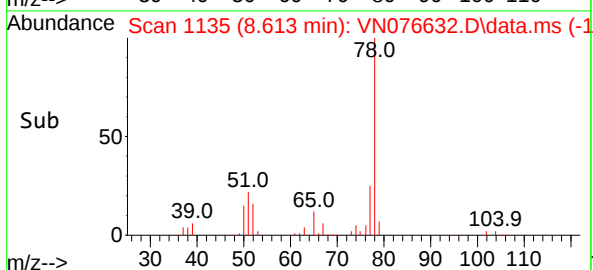
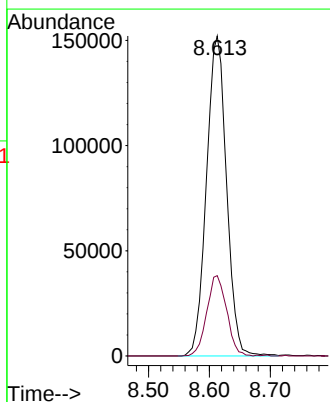
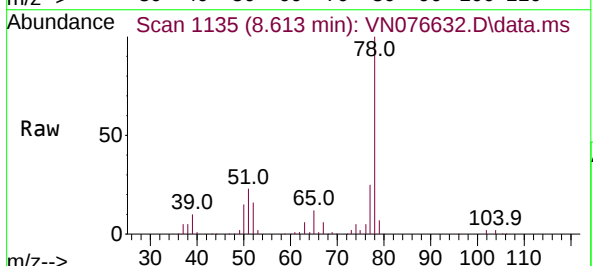
Delta R.T. -0.000 min

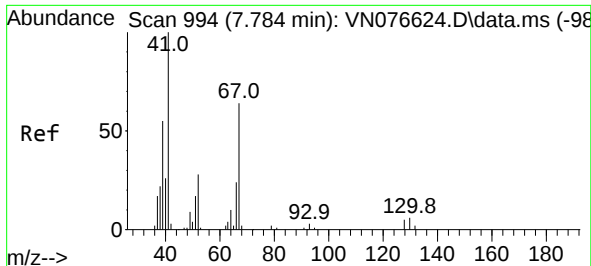
Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Tgt Ion: 78 Resp: 348314

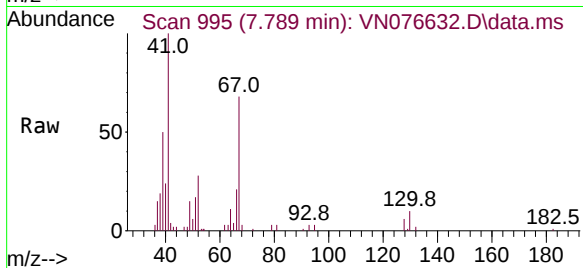
Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.2	27.4





#41
Methacrylonitrile
Concen: 19.335 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

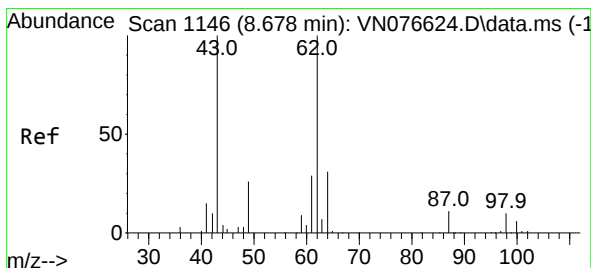
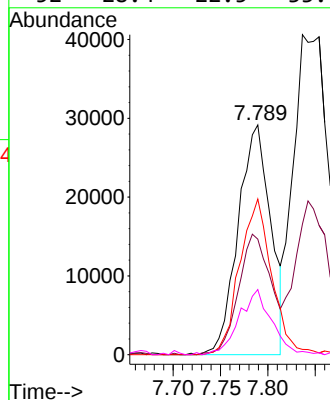
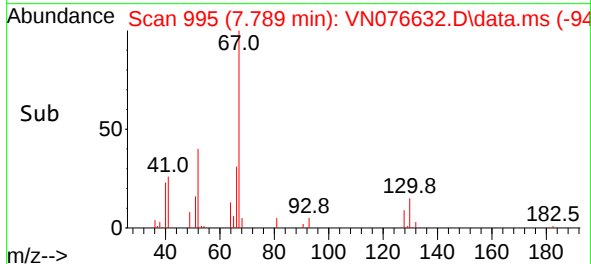
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



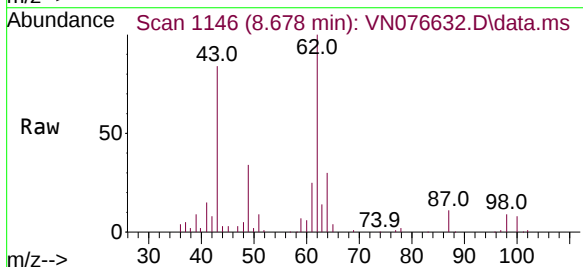
Tgt Ion: 41 Resp: 69859
Ion Ratio Lower Upper
41 100
39 52.0 42.6 63.8
67 66.7 51.4 77.0
52 28.4 22.5 33.7

Manual Integrations
APPROVED

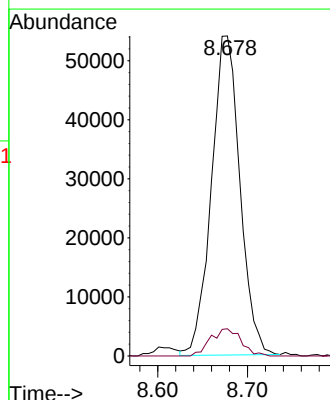
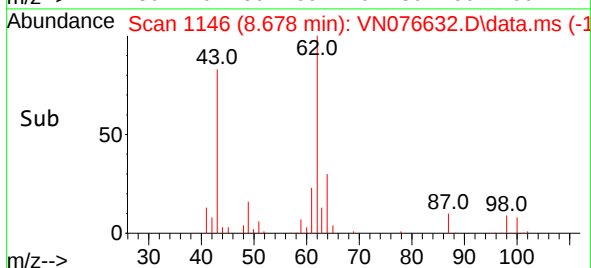
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

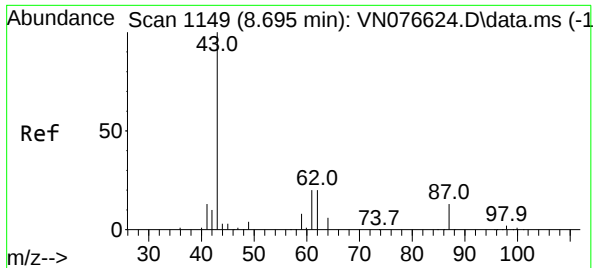


#42
1,2-Dichloroethane
Concen: 18.797 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion: 62 Resp: 119336
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





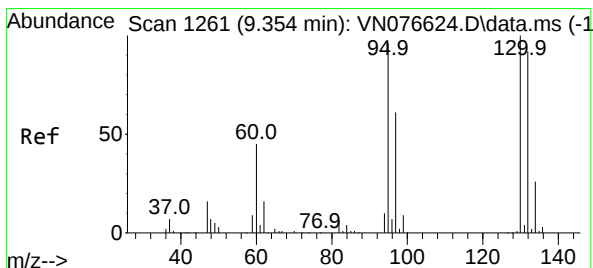
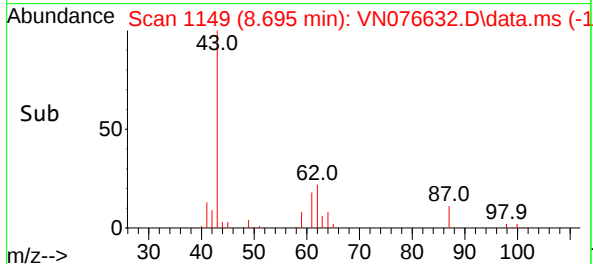
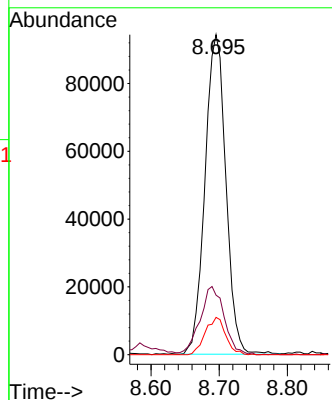
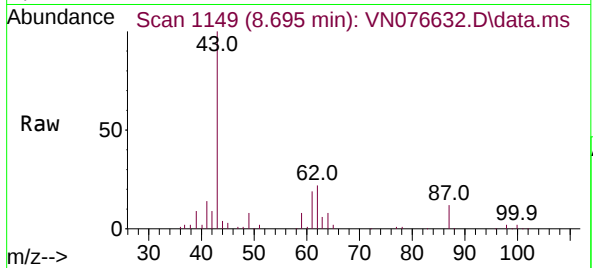
#43
Isopropyl Acetate
Concen: 19.792 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion: 43 Resp: 200862
Ion Ratio Lower Upper
43 100
61 24.7 20.0 30.0
87 11.5 9.9 14.9

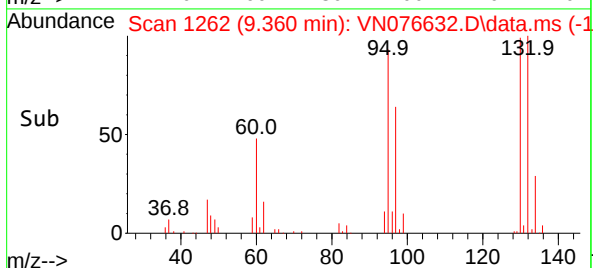
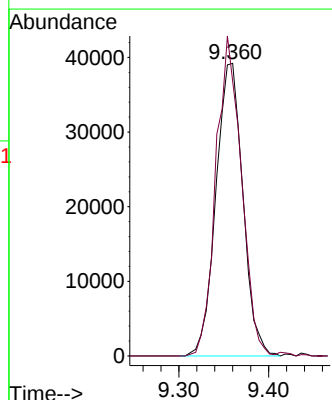
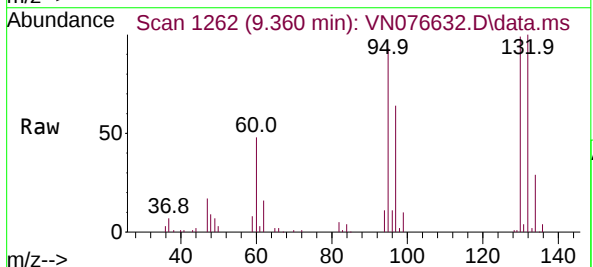
Manual Integrations
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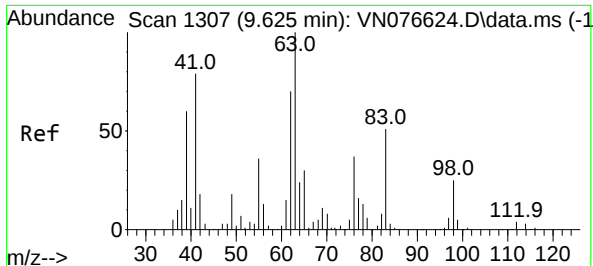
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#44
Trichloroethene
Concen: 19.004 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion:130 Resp: 81748
Ion Ratio Lower Upper
130 100
95 93.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 19.779 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tgt Ion: 63 Resp: 95308

Ion Ratio Lower Upper

63 100

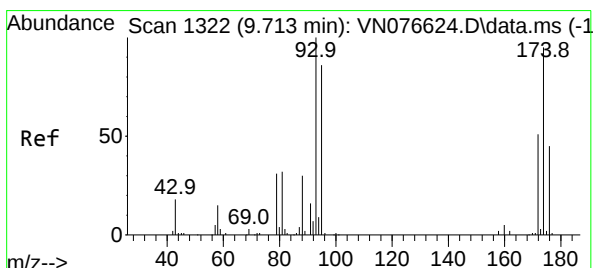
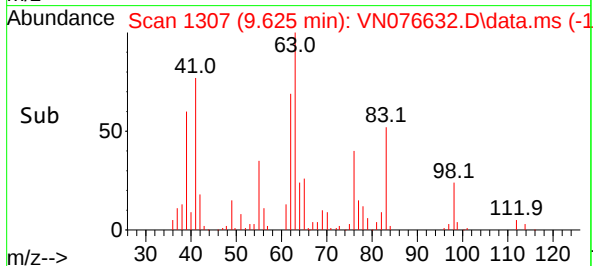
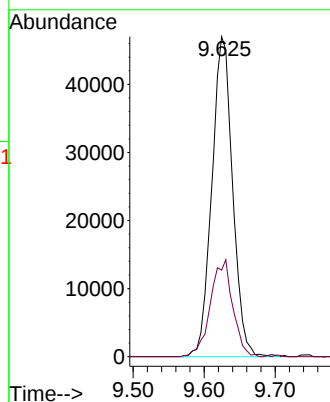
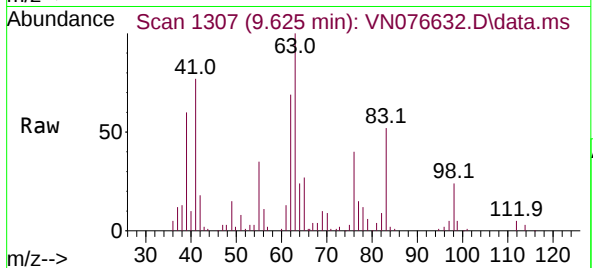
65 27.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 19.222 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

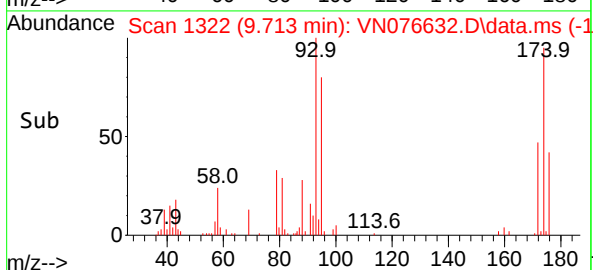
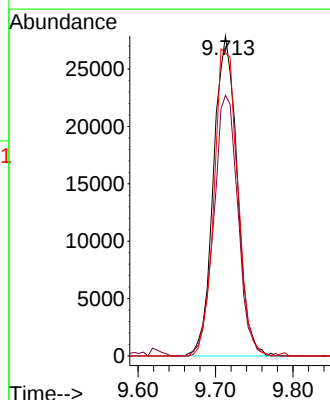
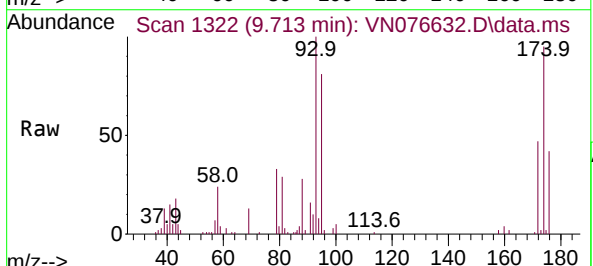
Tgt Ion: 93 Resp: 59217

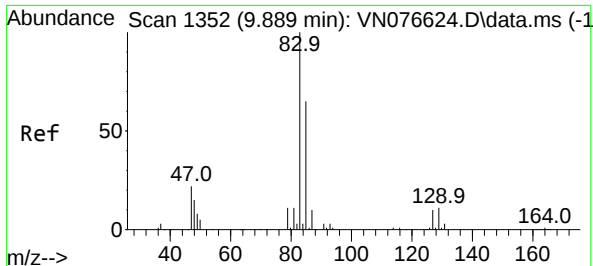
Ion Ratio Lower Upper

93 100

95 82.6 66.0 99.0

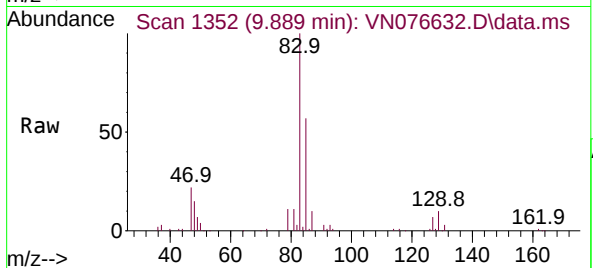
174 95.4 75.8 113.8





#47
Bromodichloromethane
Concen: 19.302 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

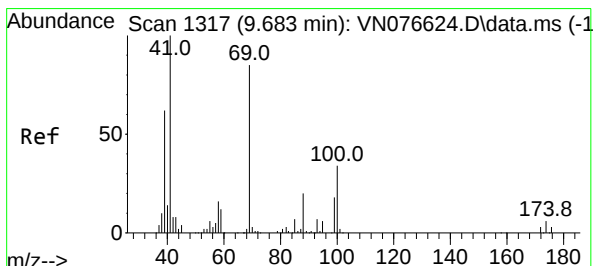
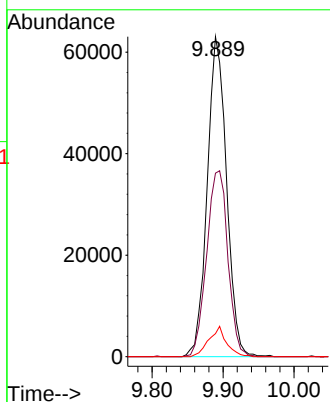
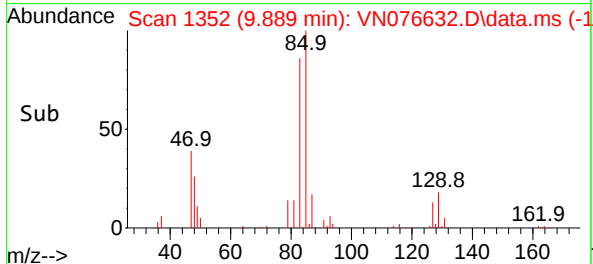
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 83 Resp: 119210
Ion Ratio Lower Upper
83 100
85 57.3 51.8 77.6
127 7.2 7.9 11.9

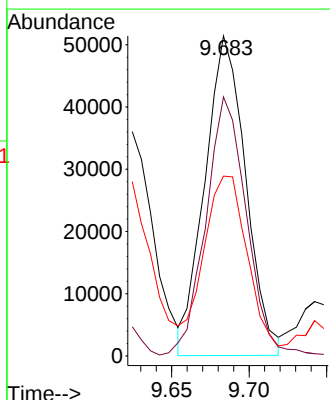
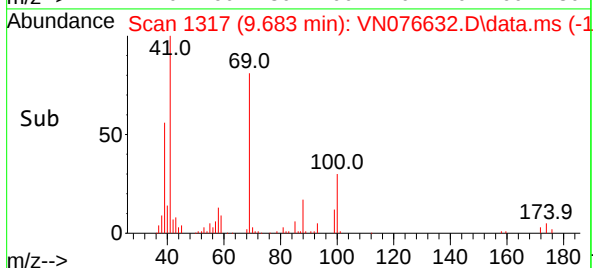
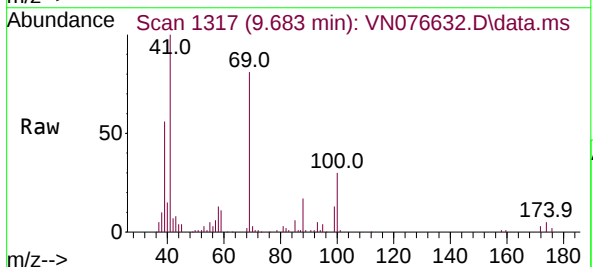
Manual Integrations
APPROVED

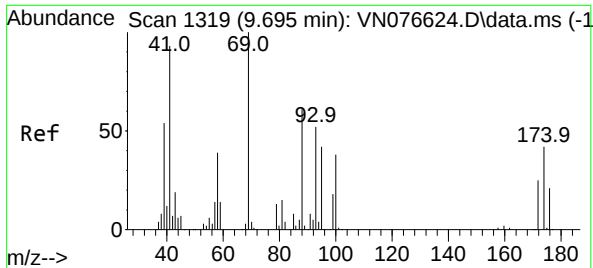
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 19.535 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion: 41 Resp: 94074
Ion Ratio Lower Upper
41 100
69 80.1 65.4 98.0
39 61.5 49.3 73.9





#49

1,4-Dioxane

Concen: 406.829 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tgt Ion: 88 Resp: 33890

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8

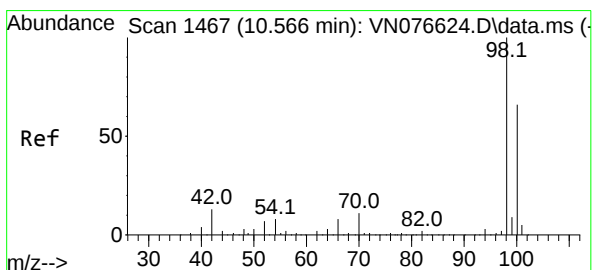
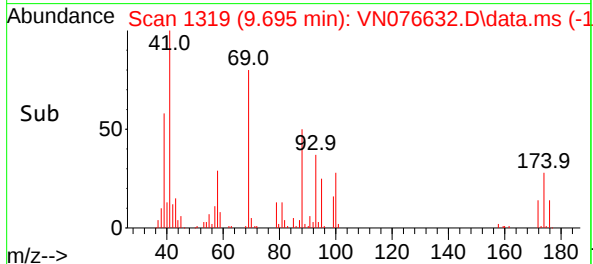
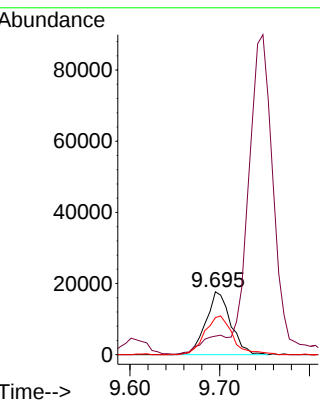
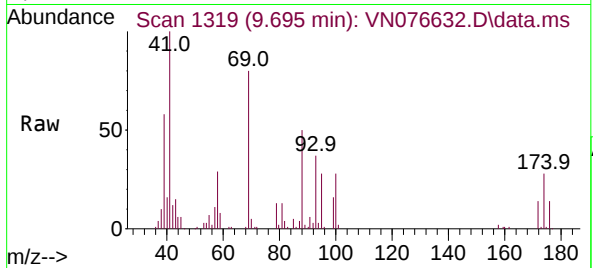
58 69.3 57.6 86.4

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 51.697 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076632.D

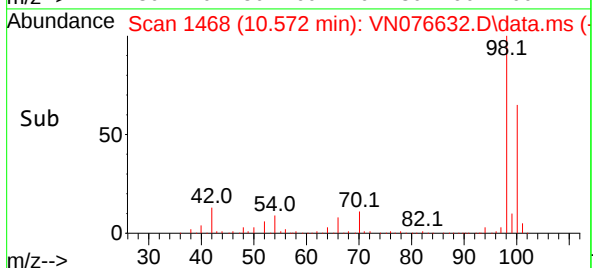
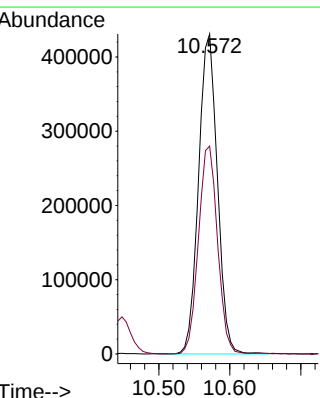
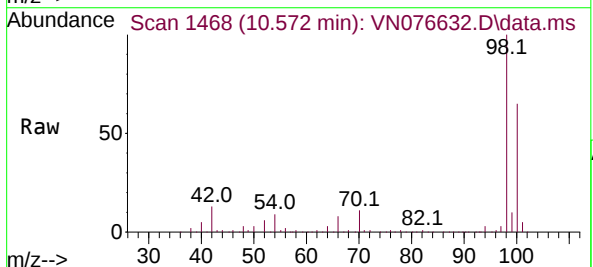
Acq: 13 Feb 2023 16:56

Tgt Ion: 98 Resp: 792074

Ion Ratio Lower Upper

98 100

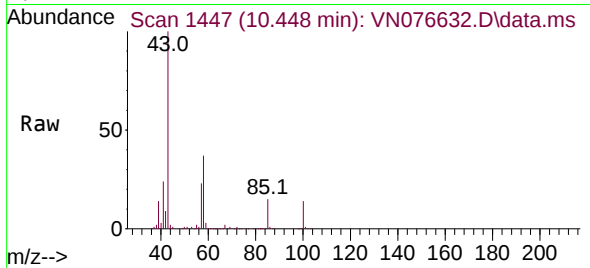
100 65.8 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 98.916 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

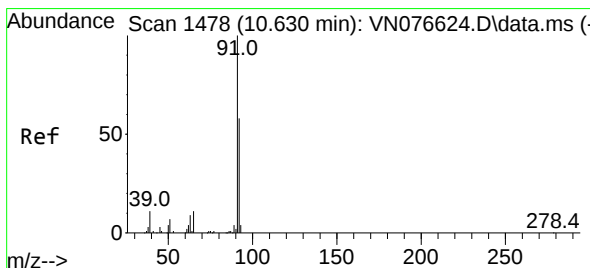
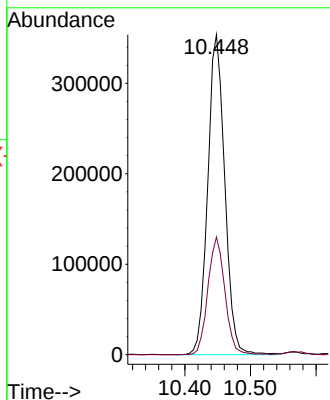
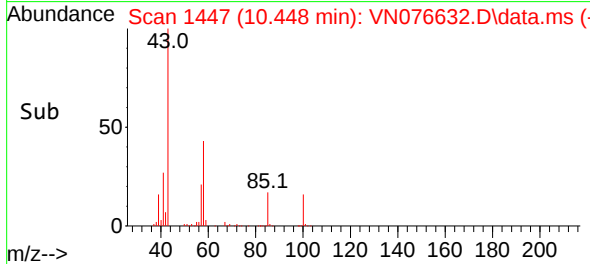
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 43 Resp: 63869
Ion Ratio Lower Upper
43 100
58 36.8 29.5 44.3

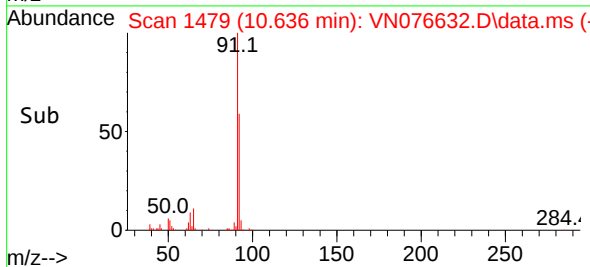
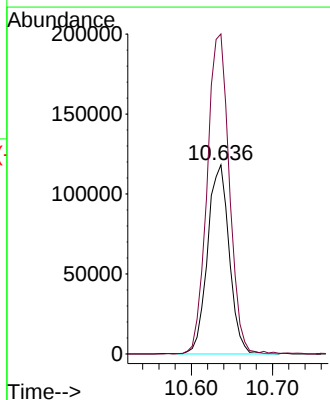
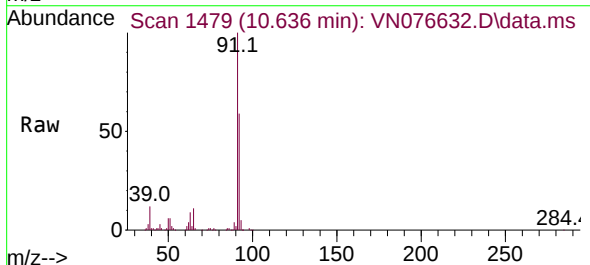
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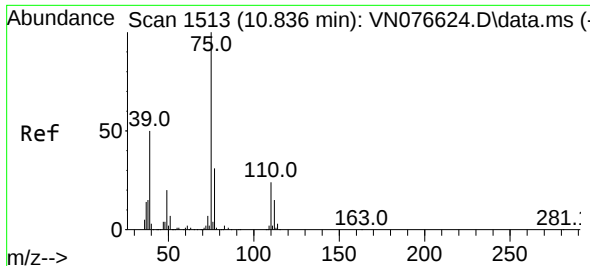
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#52
Toluene
Concen: 19.941 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

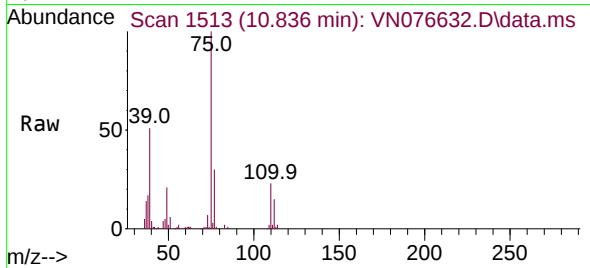
Tgt Ion: 92 Resp: 219157
Ion Ratio Lower Upper
92 100
91 173.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.295 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

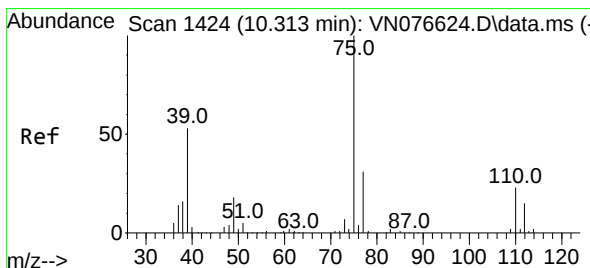
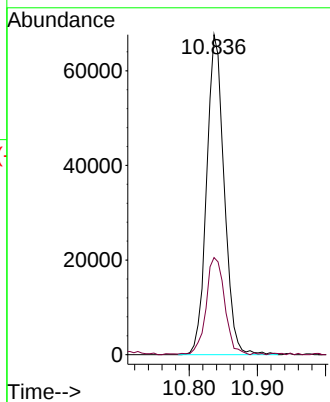
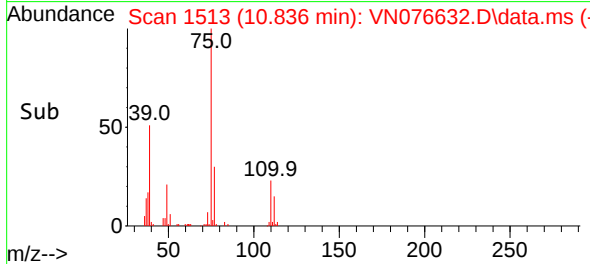
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 75 Resp: 120990
Ion Ratio Lower Upper
75 100
77 30.1 24.6 37.0

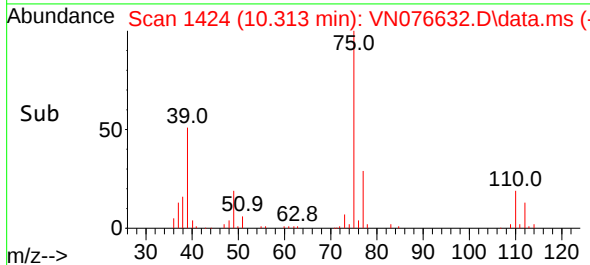
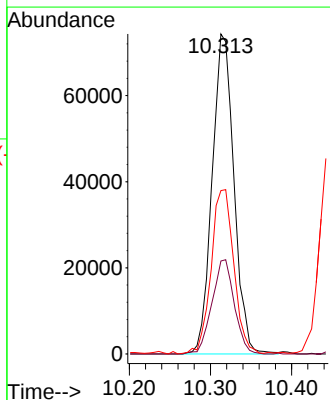
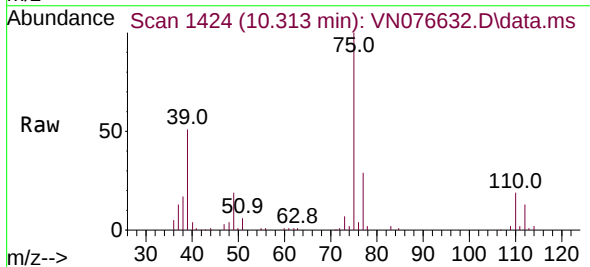
Manual Integrations
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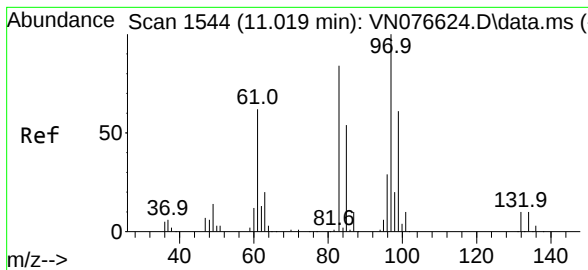
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 20.189 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

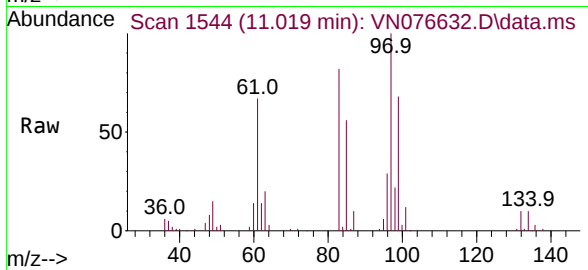
Tgt Ion: 75 Resp: 138831
Ion Ratio Lower Upper
75 100
77 29.0 25.1 37.7
39 51.0 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 18.897 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

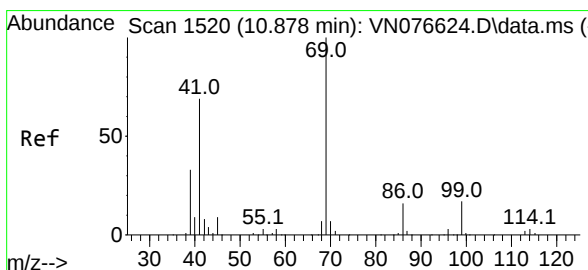
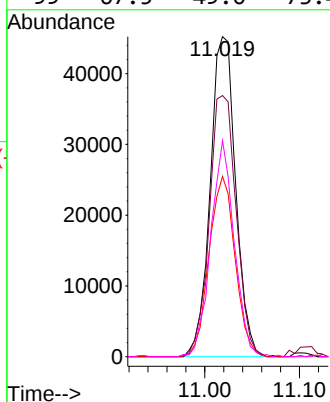
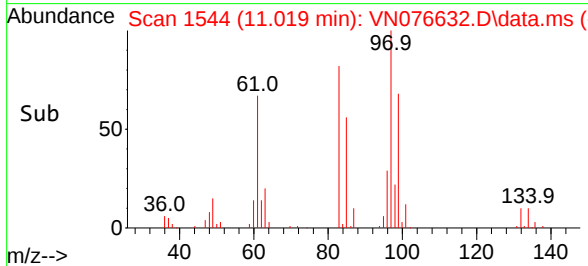


Tgt Ion: 97 Resp: 84449

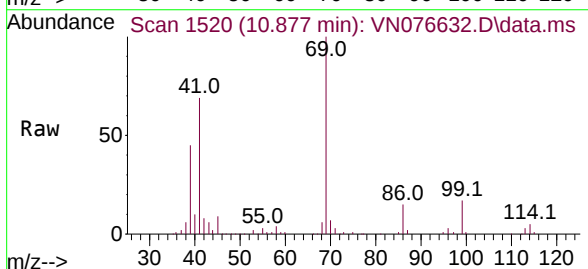
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.3	100.9
85	56.4	43.2	64.8
99	67.5	49.0	73.4

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

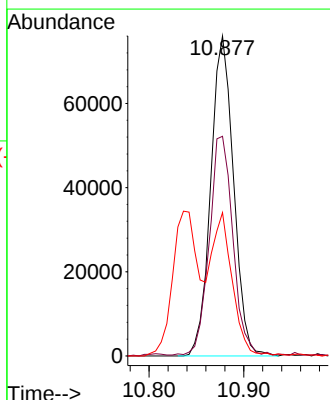
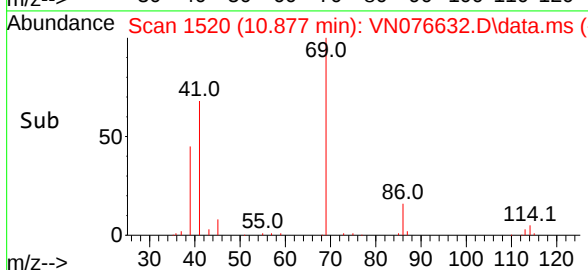


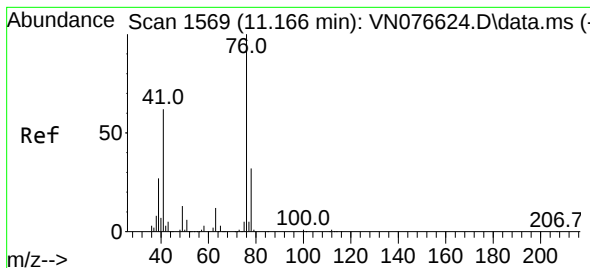
#56
Ethyl methacrylate
Concen: 20.213 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion: 69 Resp: 127146

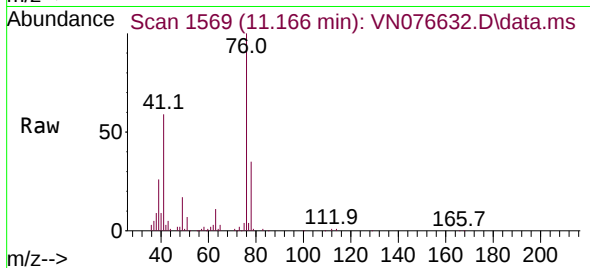
Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.1	82.7
39	39.5	30.7	46.1





#57
1,3-Dichloropropane
Concen: 19.382 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

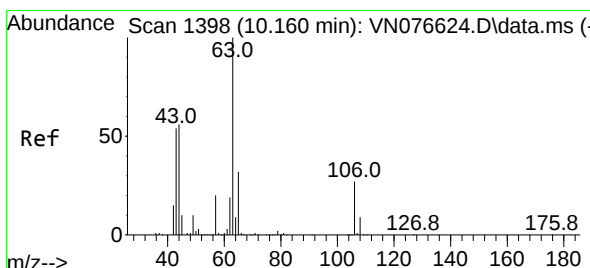
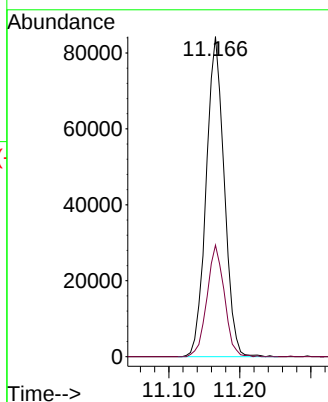
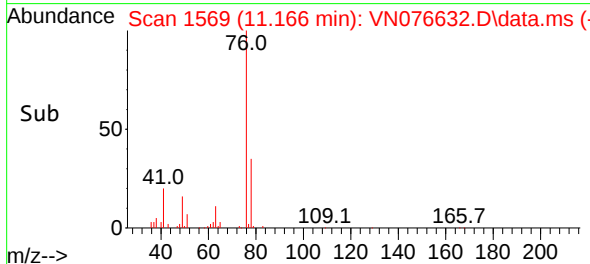
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 76 Resp: 148809
Ion Ratio Lower Upper
76 100
78 33.6 26.1 39.1

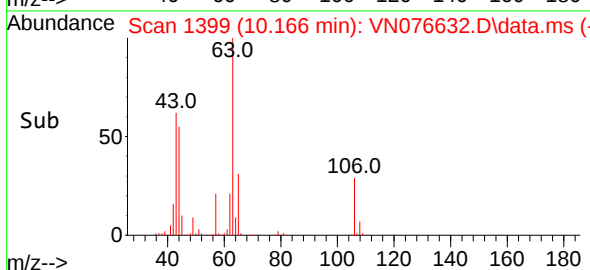
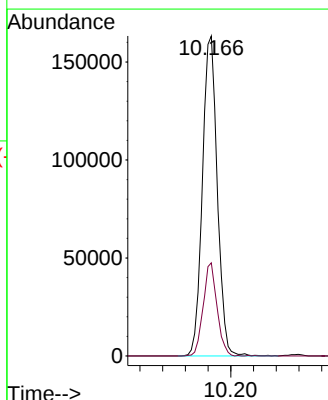
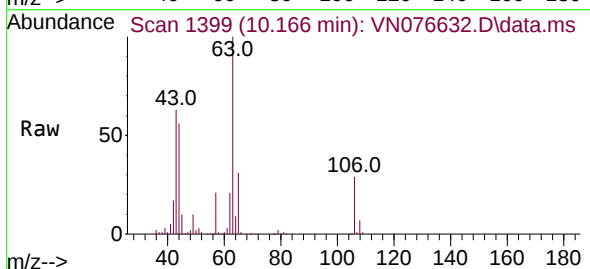
Manual Integrations
APPROVED

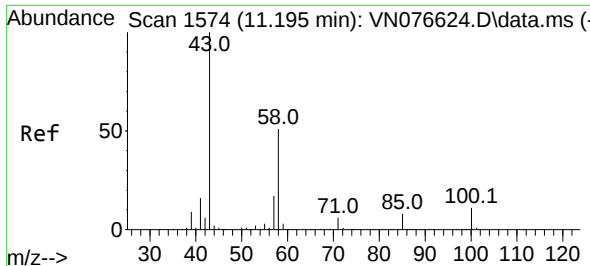
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 102.644 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

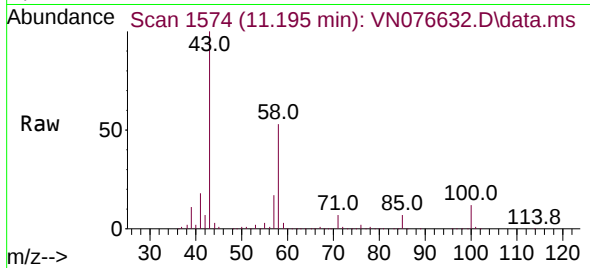
Tgt Ion: 63 Resp: 295701
Ion Ratio Lower Upper
63 100
106 27.0 22.3 33.5





#59
2-Hexanone
Concen: 98.006 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

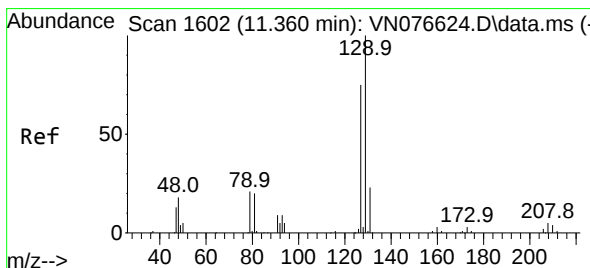
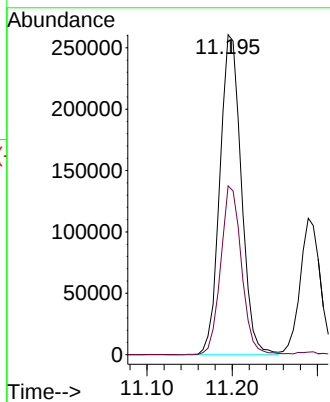
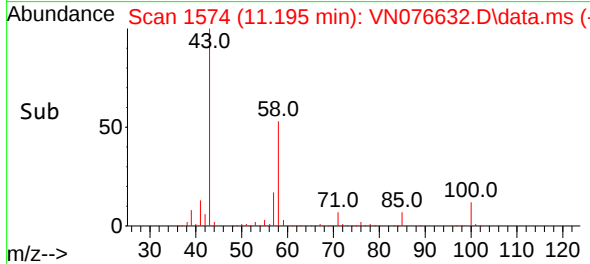
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



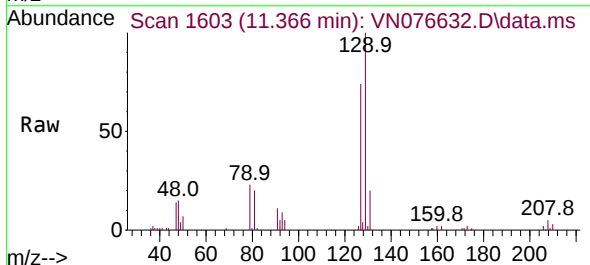
Tgt Ion: 43 Resp: 456280
Ion Ratio Lower Upper
43 100
58 51.1 25.4 76.0

Manual Integrations
APPROVED

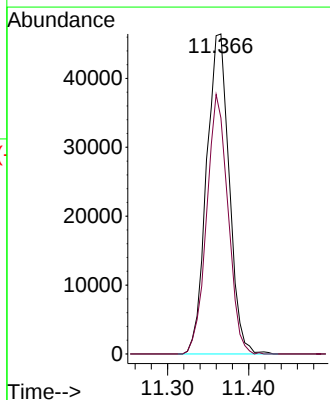
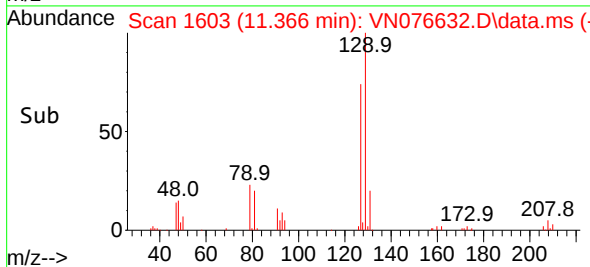
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

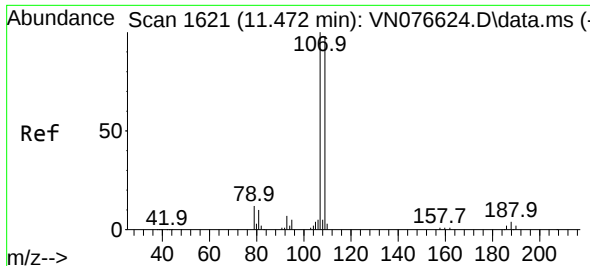


#60
Dibromochloromethane
Concen: 19.068 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



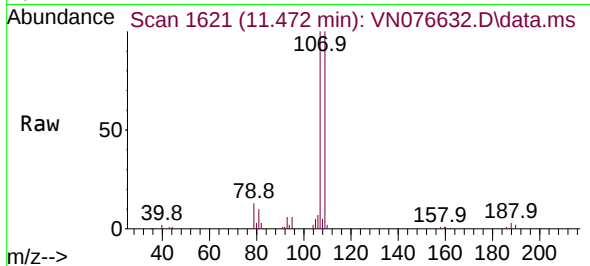
Tgt Ion:129 Resp: 89808
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.258 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

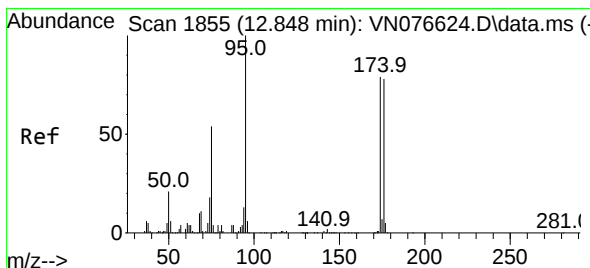
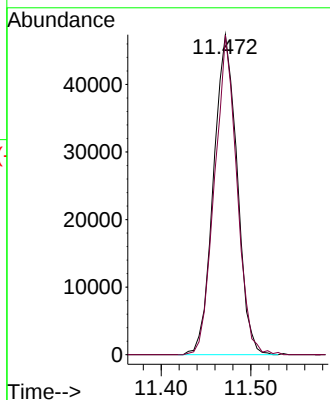
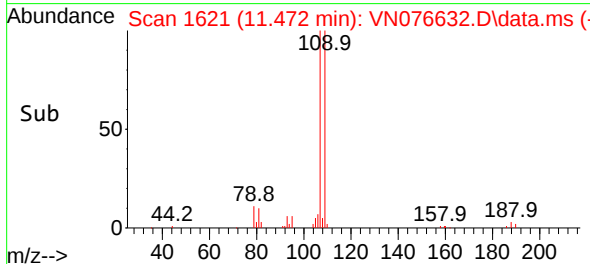
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



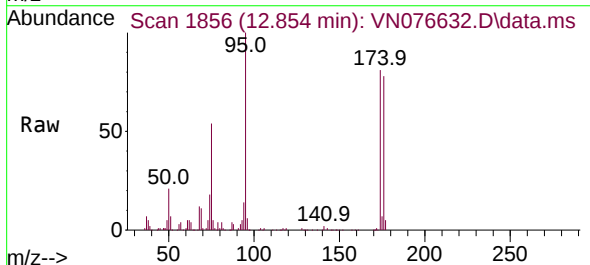
Tgt Ion:107 Resp: 86144
Ion Ratio Lower Upper
107 100
109 94.5 76.8 115.2

Manual Integrations
APPROVED

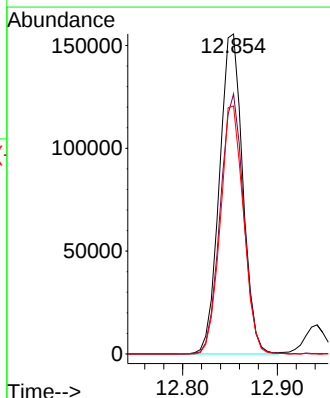
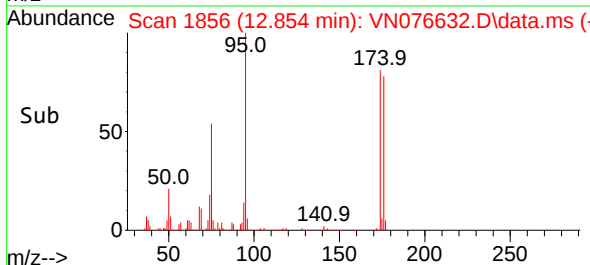
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

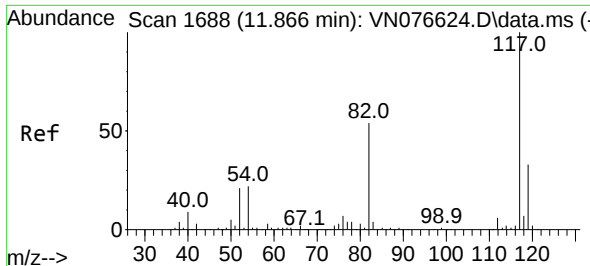


#62
4-Bromofluorobenzene
Concen: 52.592 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



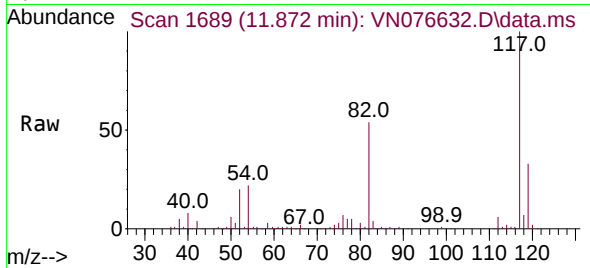
Tgt Ion: 95 Resp: 266882
Ion Ratio Lower Upper
95 100
174 81.1 0.0 169.2
176 76.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

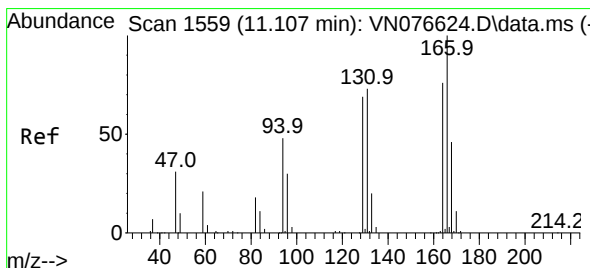
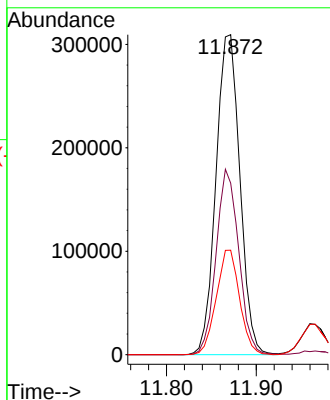
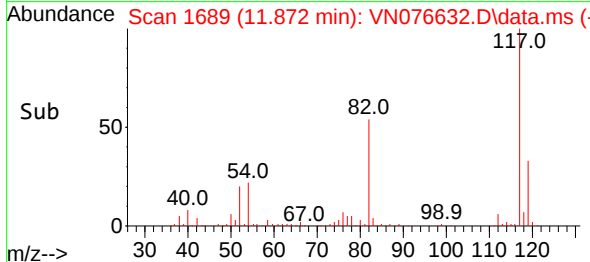
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



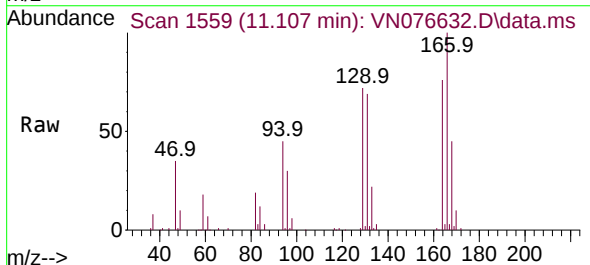
Tgt Ion:117 Resp: 57398
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.2
119 32.7 26.1 39.1

Manual Integrations
APPROVED

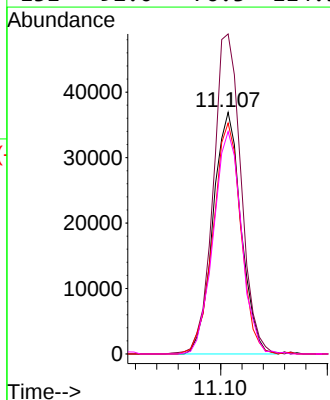
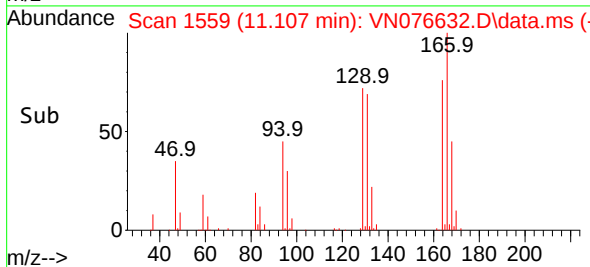
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

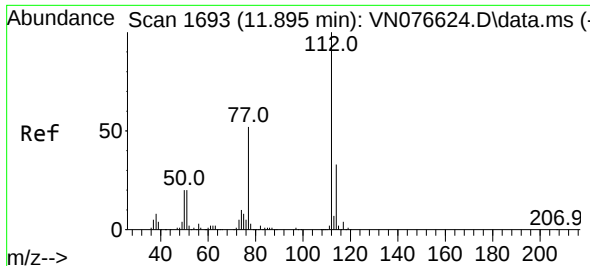


#64
Tetrachloroethene
Concen: 18.614 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion:164 Resp: 67332
Ion Ratio Lower Upper
164 100
166 131.9 104.8 157.2
129 95.5 72.2 108.2
131 92.0 76.3 114.5





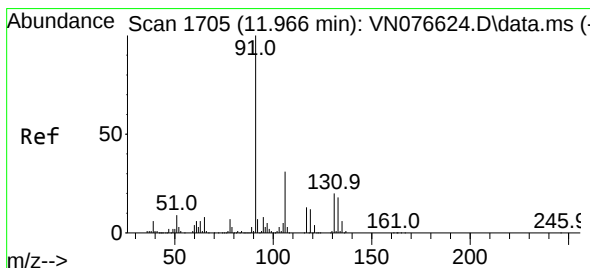
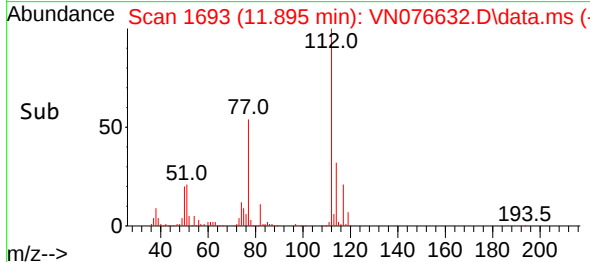
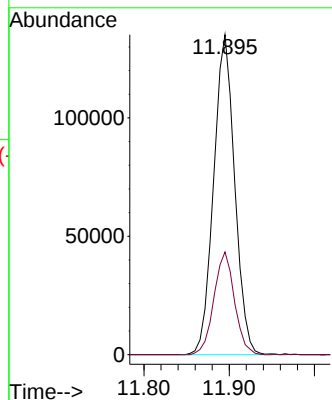
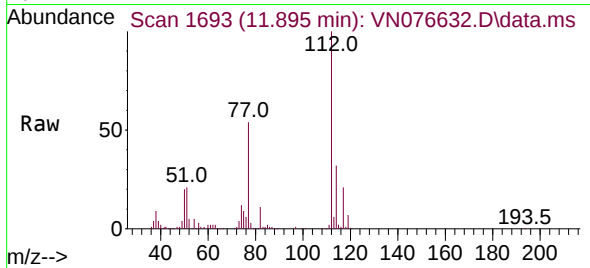
#65
Chlorobenzene
Concen: 19.049 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:112 Resp: 23171
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6

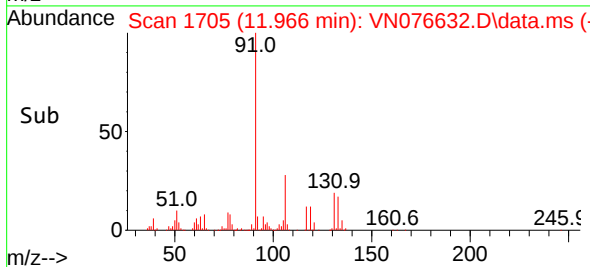
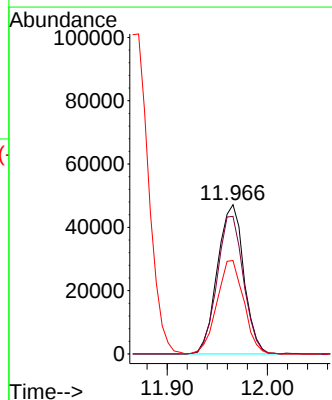
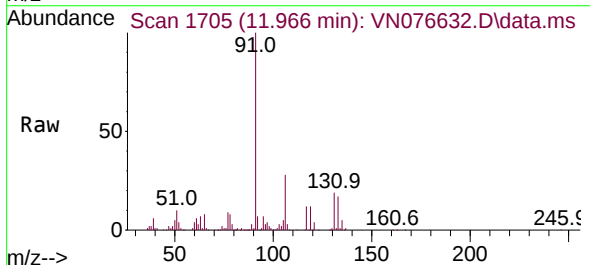
Manual Integrations
APPROVED

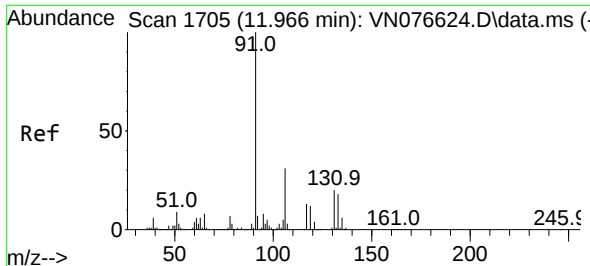
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

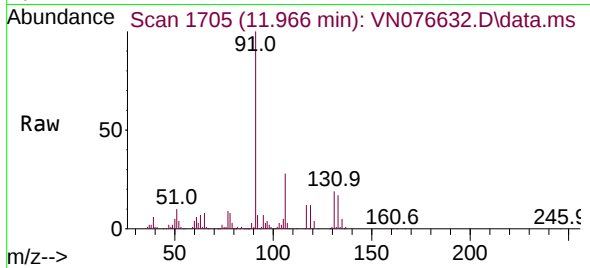
Tgt Ion:131 Resp: 86219
Ion Ratio Lower Upper
131 100
133 92.4 47.0 141.0
119 63.6 32.3 96.8





#67
Ethyl Benzene
Concen: 20.093 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

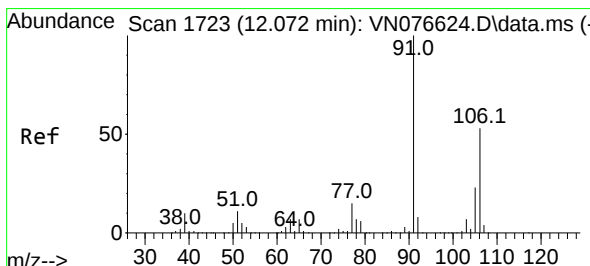
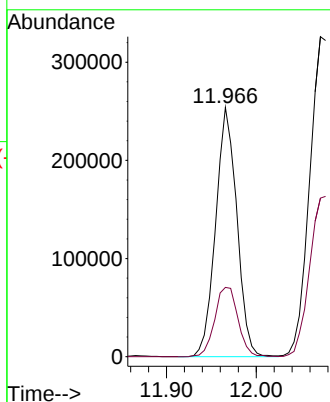
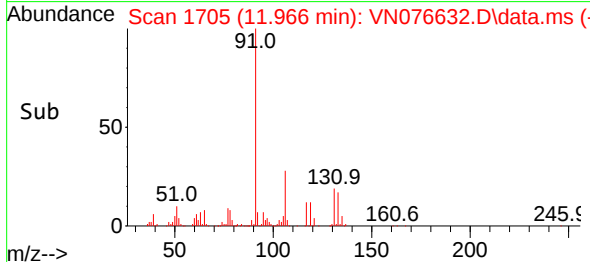
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



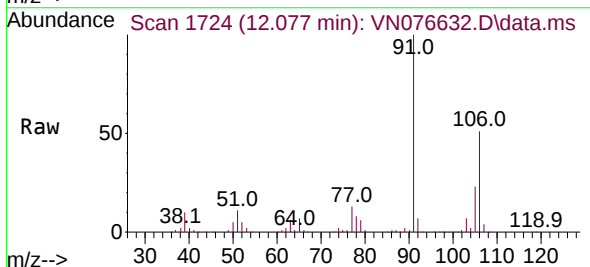
Tgt Ion: 91 Resp: 416412
Ion Ratio Lower Upper
91 100
106 27.8 25.1 37.7

Manual Integrations
APPROVED

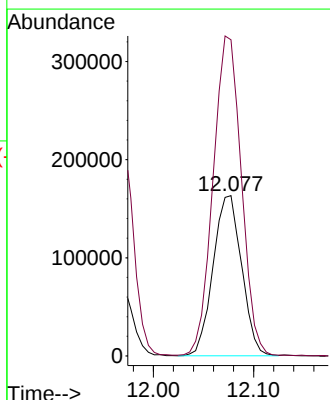
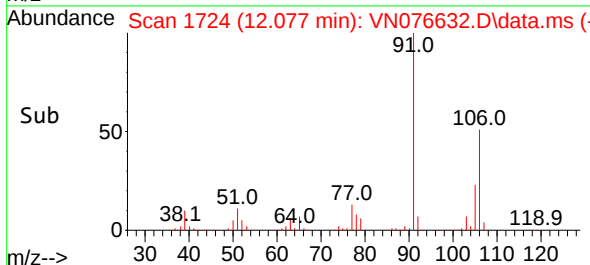
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

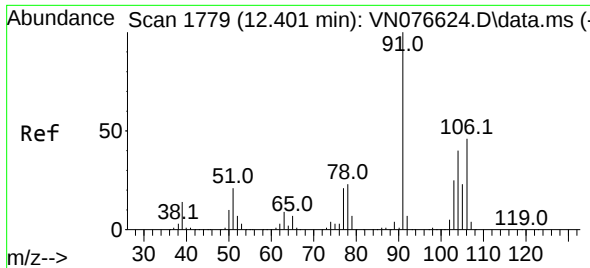


#68
m/p-Xylenes
Concen: 40.338 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion:106 Resp: 322227
Ion Ratio Lower Upper
106 100
91 197.7 154.7 232.1





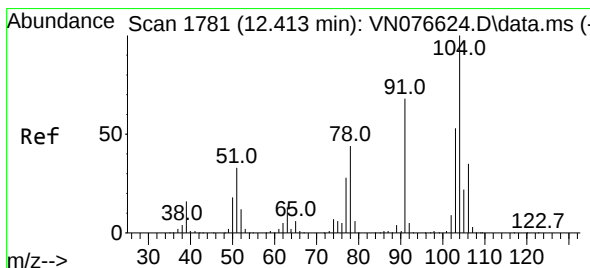
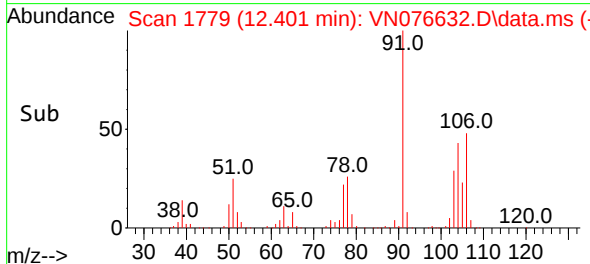
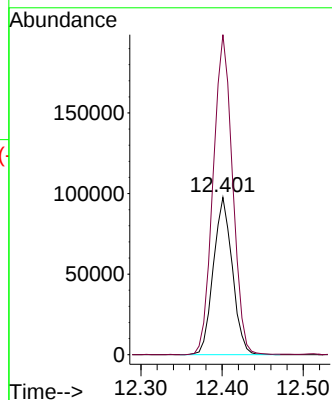
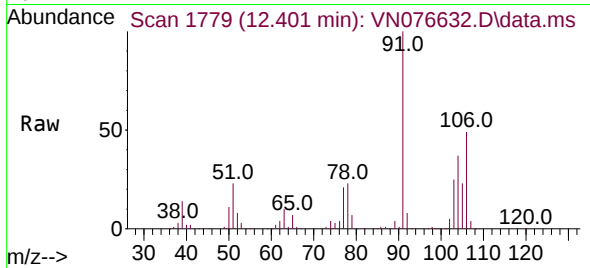
#69
o-Xylene
Concen: 20.281 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:106 Resp: 158000
Ion Ratio Lower Upper
106 100
91 209.0 105.8 317.4

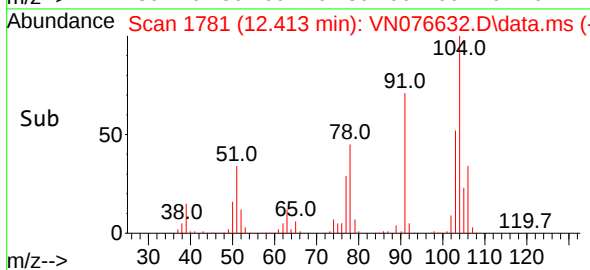
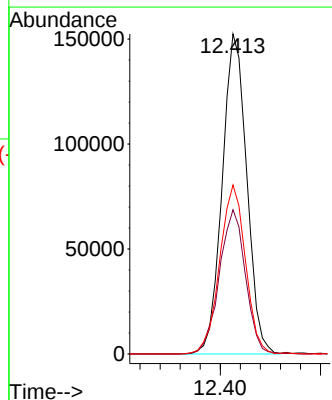
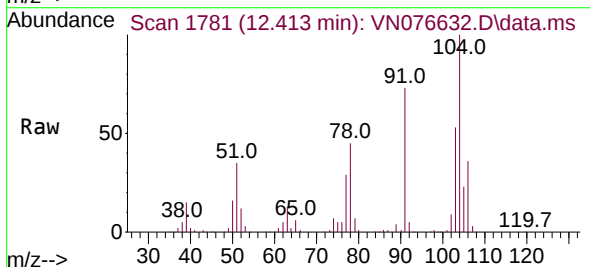
Manual Integrations
APPROVED

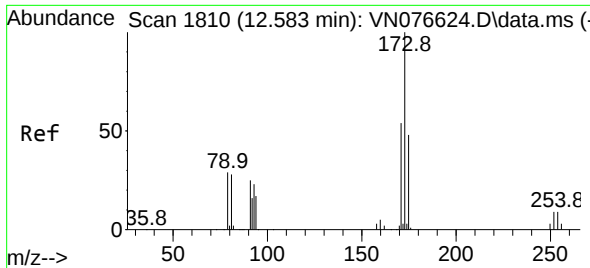
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 20.538 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion:104 Resp: 258741
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 55.3 44.2 66.4





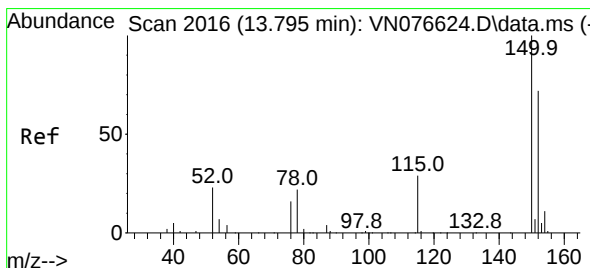
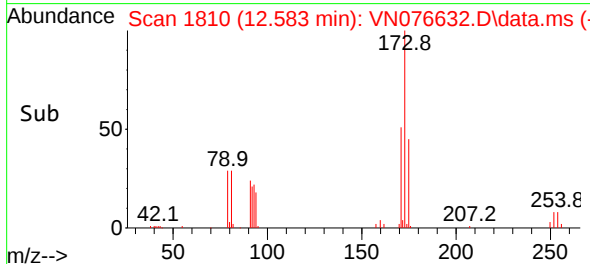
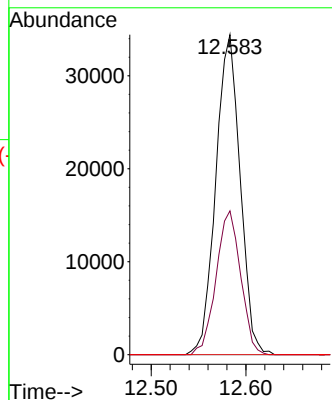
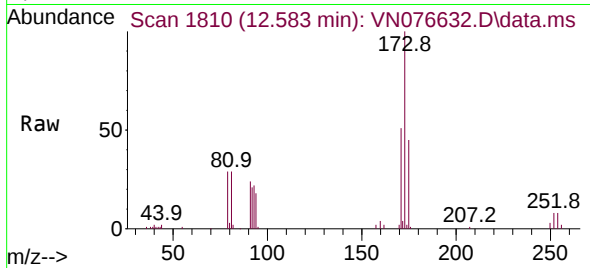
#71
Bromoform
Concen: 18.985 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:173 Resp: 61530
Ion Ratio Lower Upper
173 100
175 45.3 24.9 74.7
254 0.0 0.1 0.1

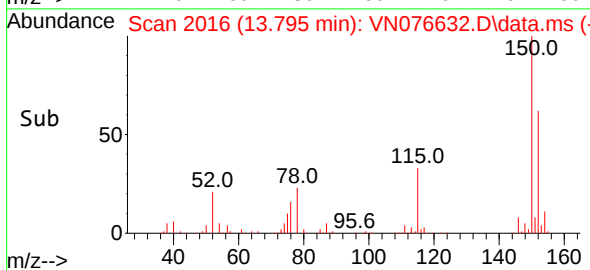
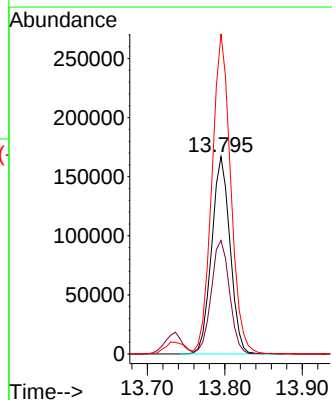
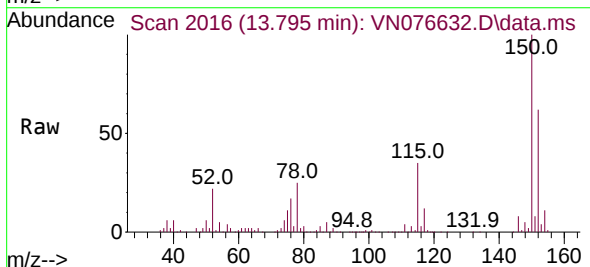
Manual Integrations
APPROVED

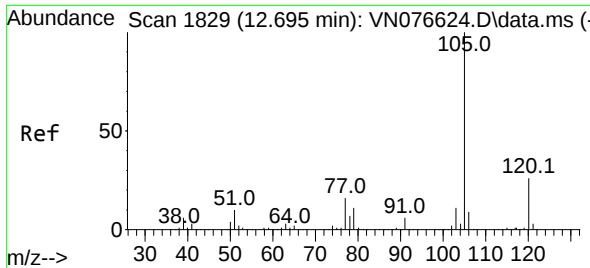
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

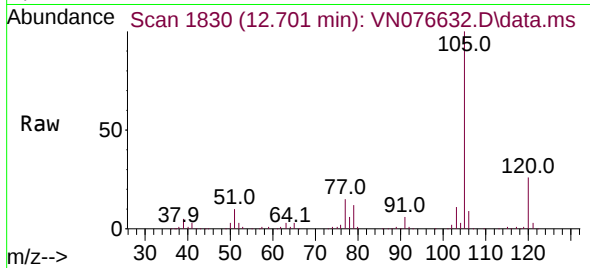
Tgt Ion:152 Resp: 275237
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.9
150 165.7 0.0 349.8





#73
Isopropylbenzene
Concen: 20.301 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

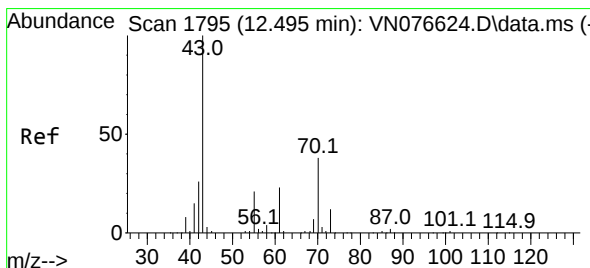
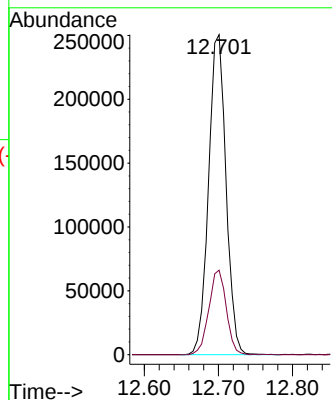
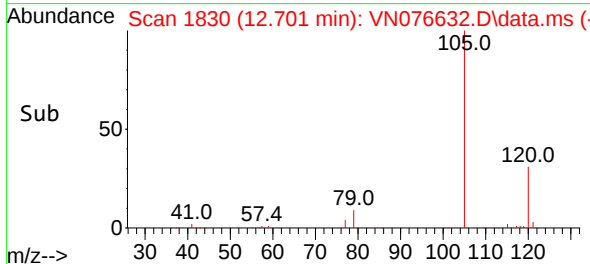
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



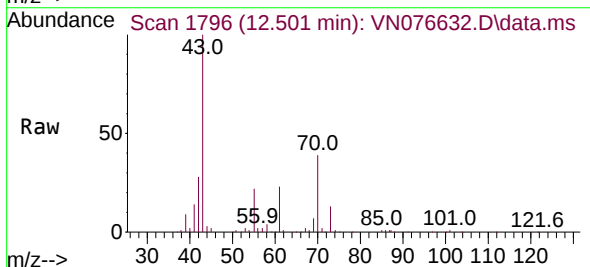
Tgt Ion:105 Resp: 40955
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

Manual Integrations
APPROVED

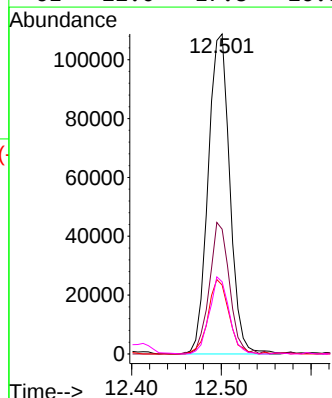
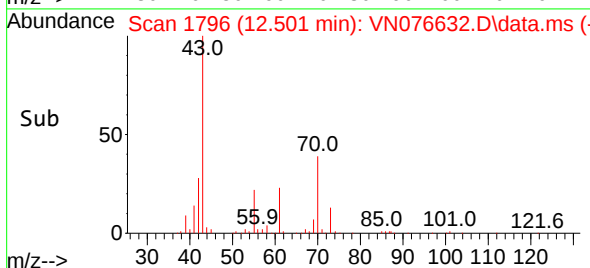
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

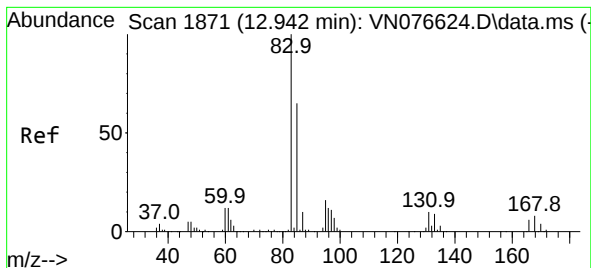


#74
N-ethyl acetate
Concen: 20.022 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion: 43 Resp: 182063
Ion Ratio Lower Upper
43 100
70 38.2 30.5 45.7
55 22.4 17.8 26.8
61 22.0 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.255 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

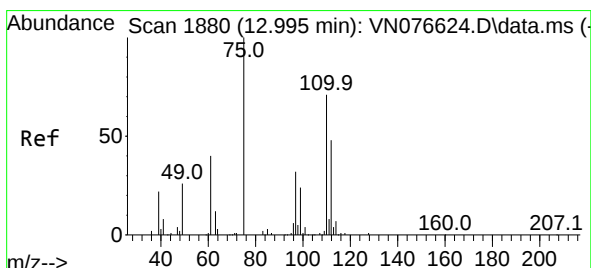
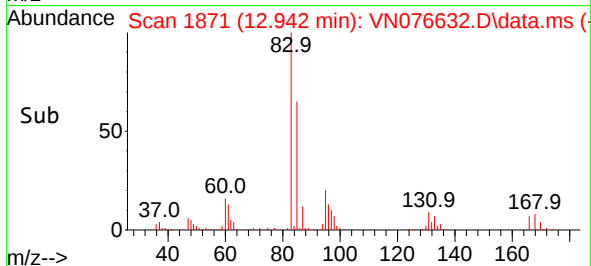
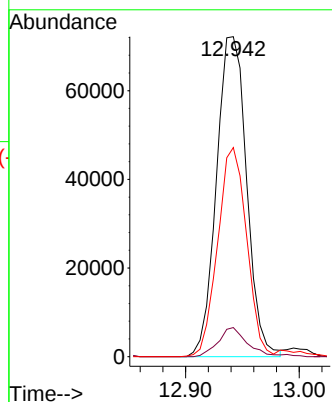
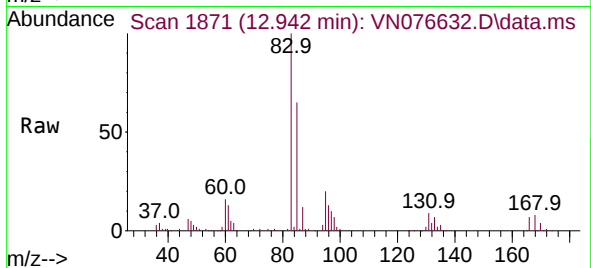
Tgt Ion: 83 Resp: 13330
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.0 15.0
 85 62.6 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#76

1,2,3-Trichloropropane

Concen: 20.376 ug/l m

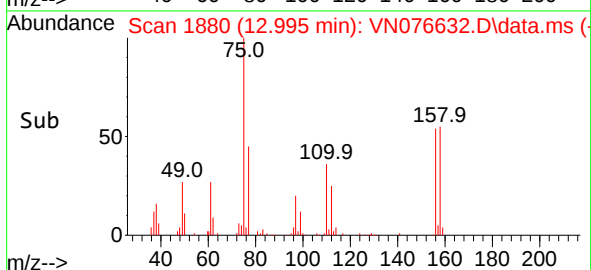
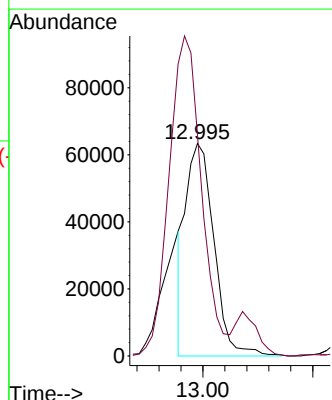
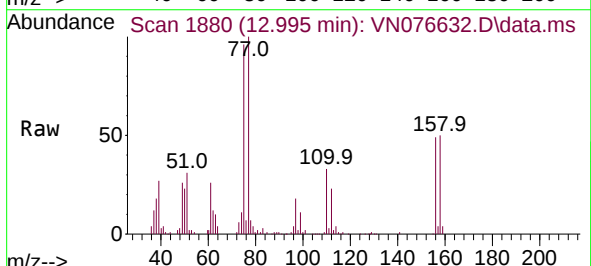
RT: 12.995 min Scan# 1880

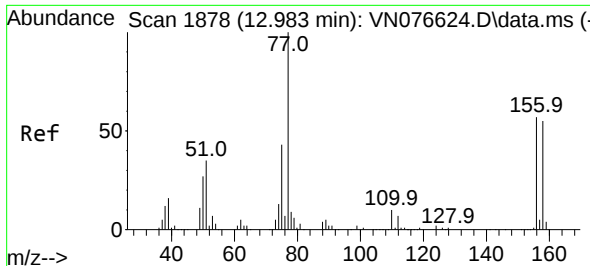
Delta R.T. -0.000 min

Lab File: VN076632.D

Acq: 13 Feb 2023 16:56

Tgt Ion: 75 Resp: 113382
 Ion Ratio Lower Upper
 75 100
 77 173.2 93.1 279.3





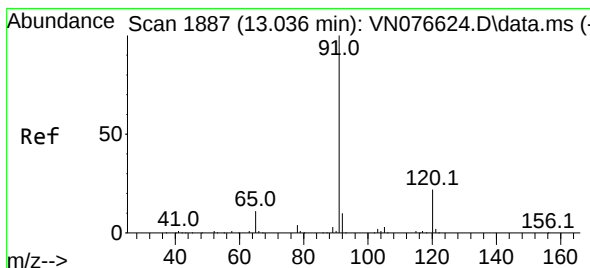
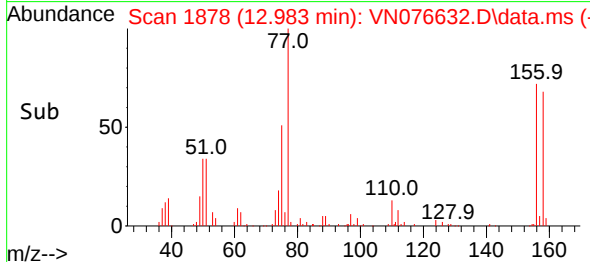
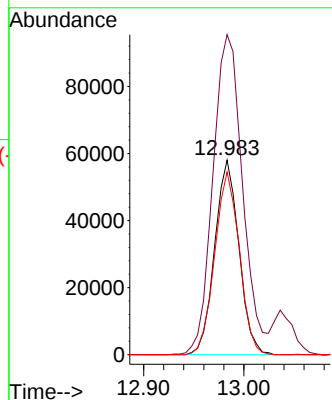
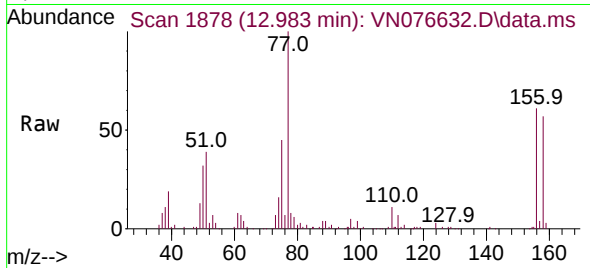
#77
Bromobenzene
Concen: 19.357 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:156 Resp: 9742
Ion Ratio Lower Upper
156 100
77 201.6 102.8 308.4
158 95.5 48.9 146.6

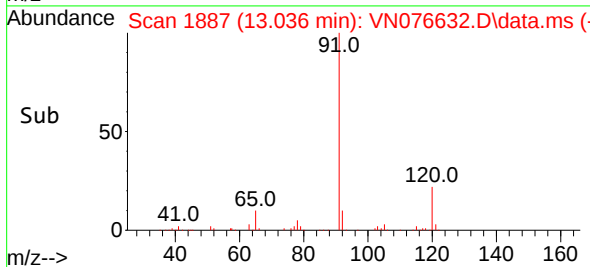
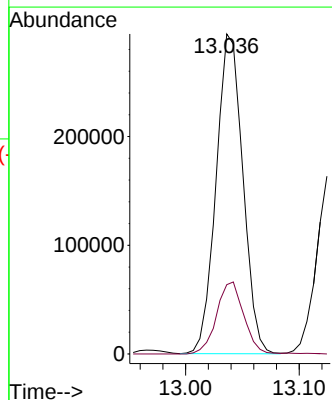
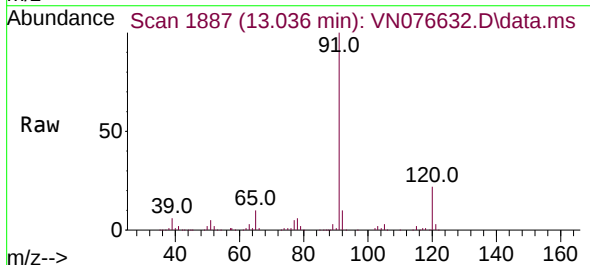
Manual Integrations
APPROVED

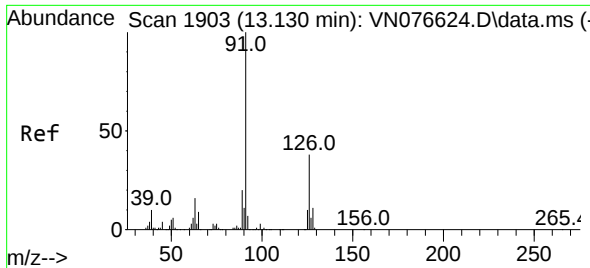
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 20.328 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion: 91 Resp: 481560
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5





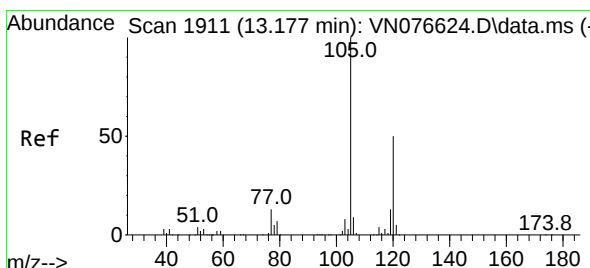
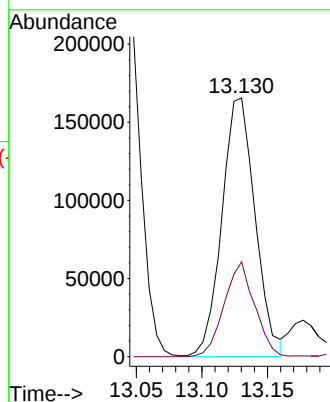
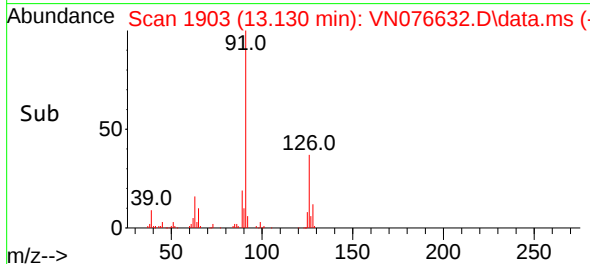
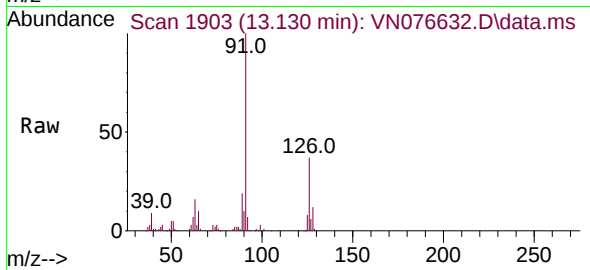
#79
2-Chlorotoluene
Concen: 20.081 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion: 91 Resp: 291274
Ion Ratio Lower Upper
91 100
126 33.8 17.7 53.1

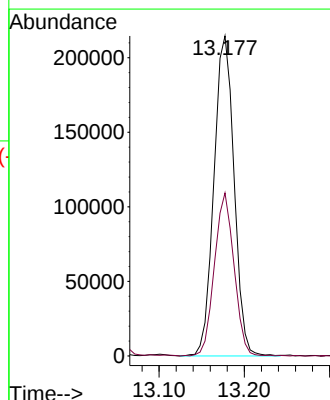
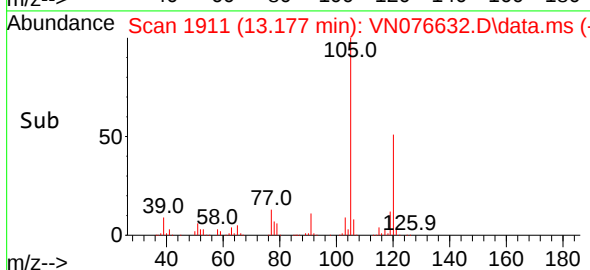
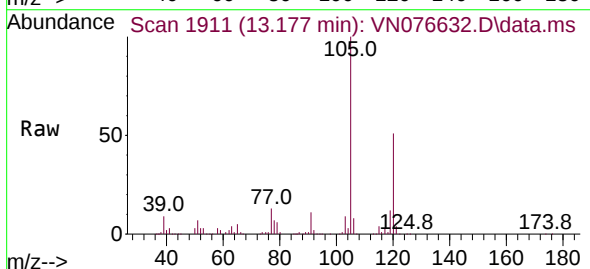
Manual Integrations
APPROVED

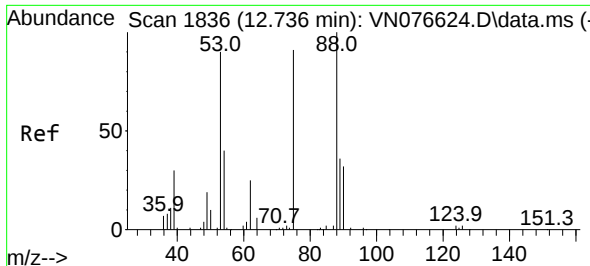
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.157 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

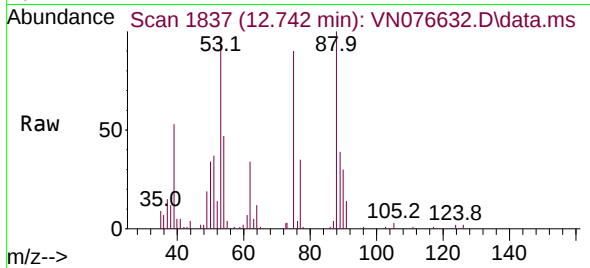
Tgt Ion:105 Resp: 352736
Ion Ratio Lower Upper
105 100
120 49.5 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.944 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

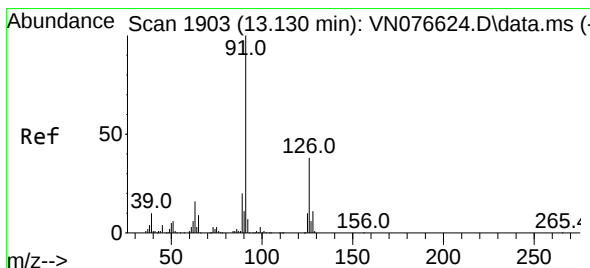
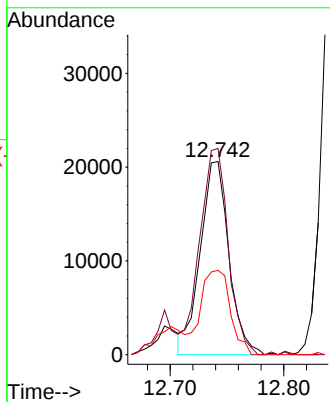
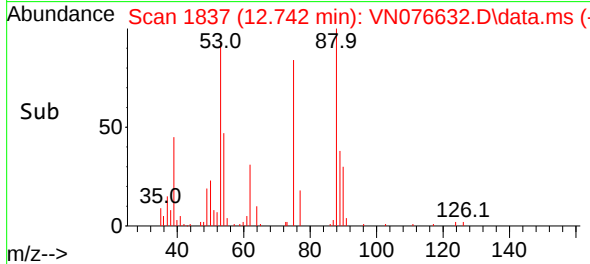
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



Tgt Ion: 75 Resp: 36192
Ion Ratio Lower Upper
75 100
53 106.5 92.1 138.1
89 45.6 37.5 56.3

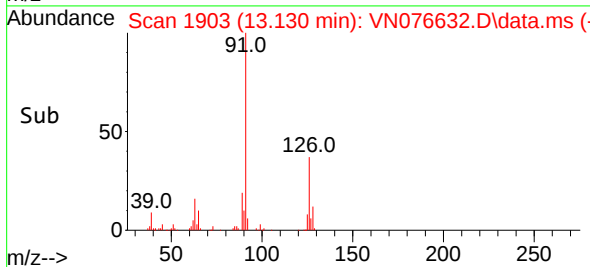
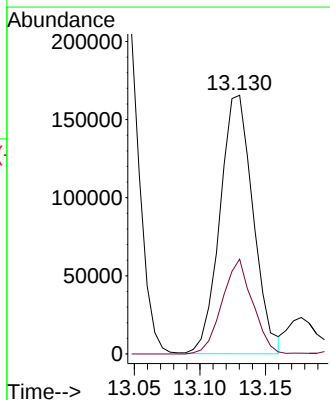
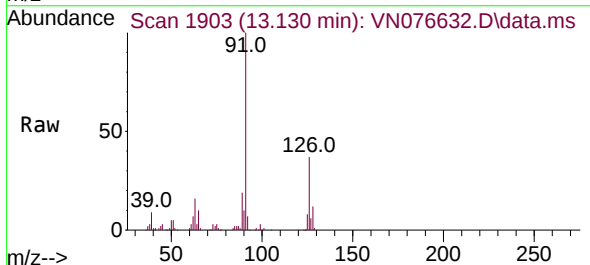
Manual Integrations
APPROVED

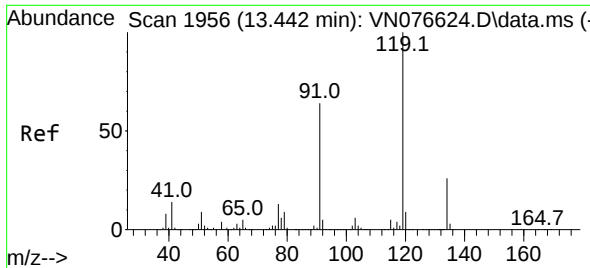
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#82
4-Chlorotoluene
Concen: 20.081 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion: 91 Resp: 291274
Ion Ratio Lower Upper
91 100
126 33.8 17.7 53.1





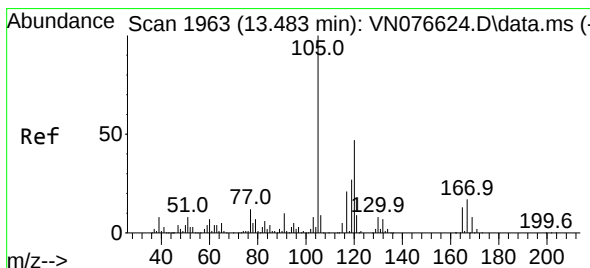
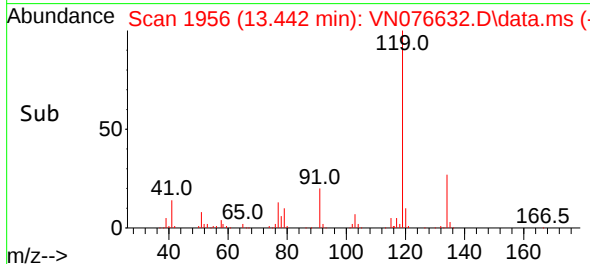
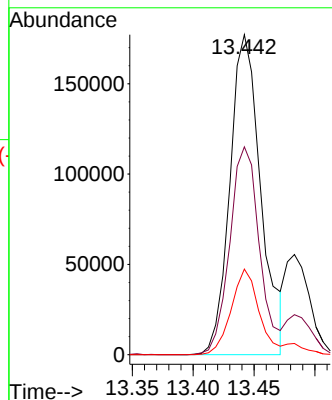
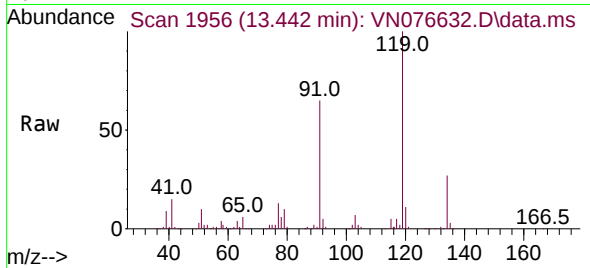
#83
tert-Butylbenzene
Concen: 20.798 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:119 Resp: 313694
Ion Ratio Lower Upper
119 100
91 62.6 32.0 96.2
134 24.0 13.8 41.4

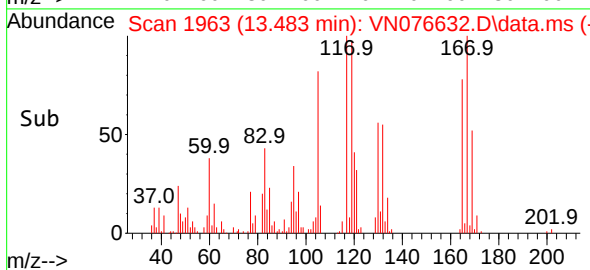
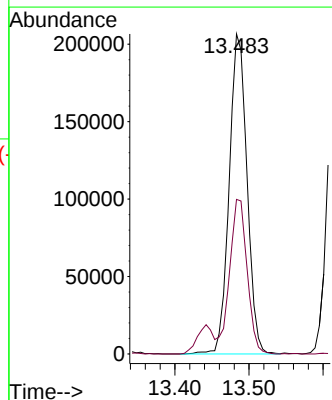
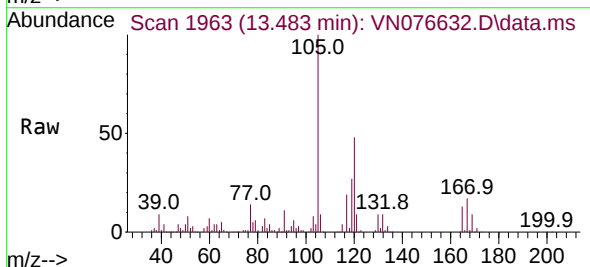
Manual Integrations
APPROVED

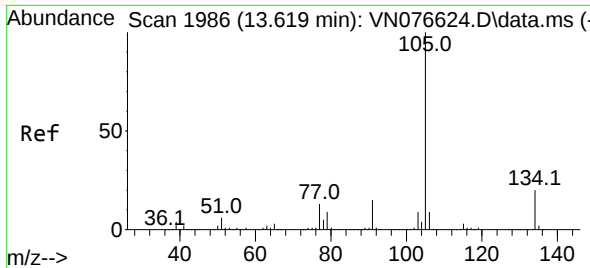
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.735 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion:105 Resp: 344540
Ion Ratio Lower Upper
105 100
120 47.8 23.0 69.0





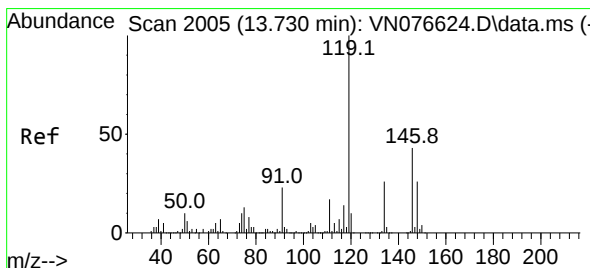
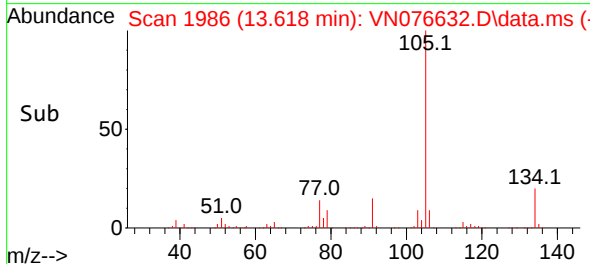
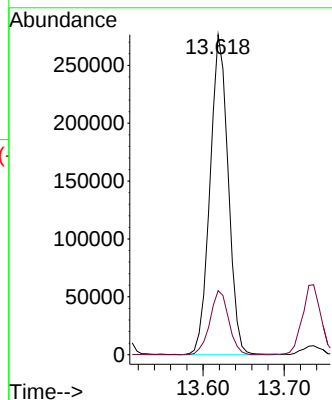
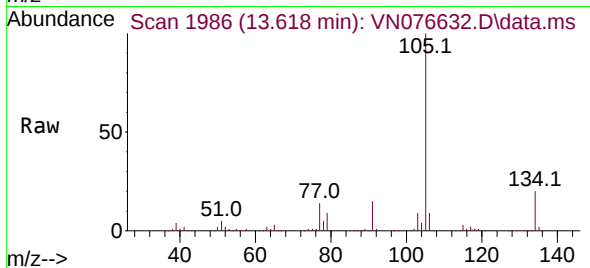
#85
 sec-Butylbenzene
 Concen: 20.413 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tgt Ion:105 Resp: 42984
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5

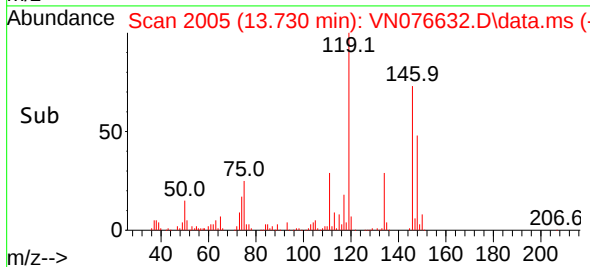
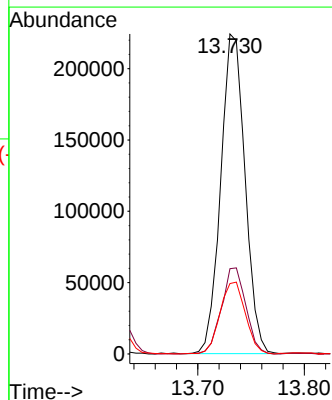
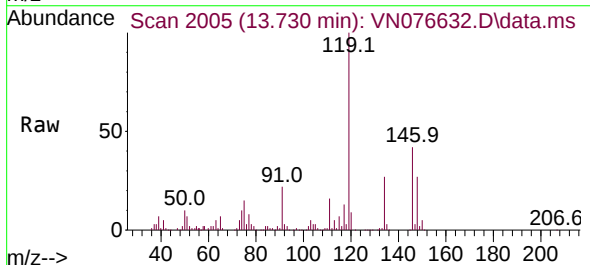
Manual Integrations
 APPROVED

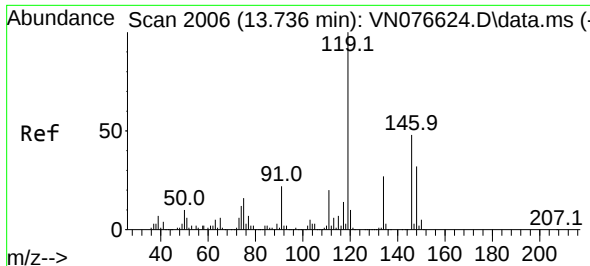
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#86
 p-Isopropyltoluene
 Concen: 21.115 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

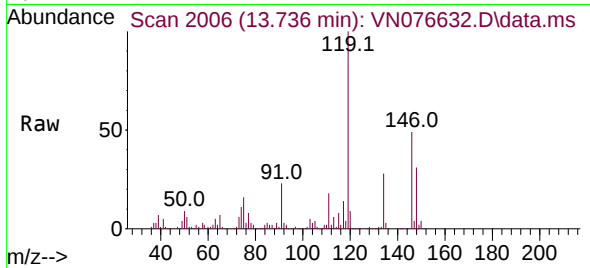
Tgt Ion:119 Resp: 355051
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 23.5 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 19.142 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56

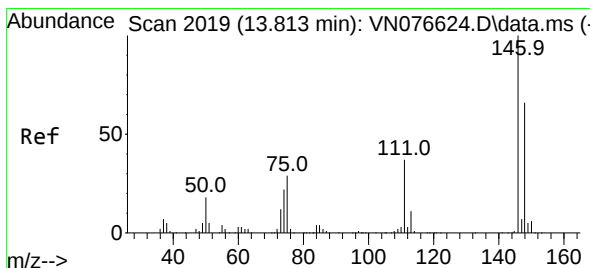
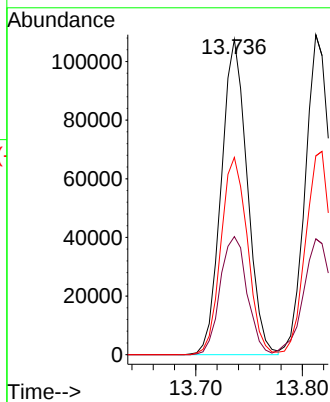
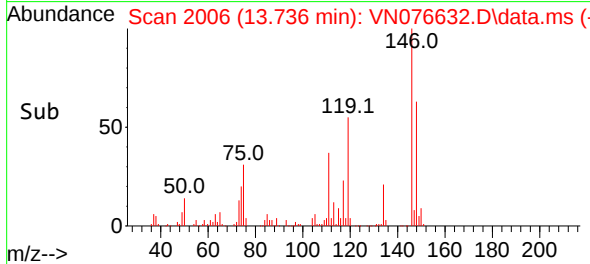
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01



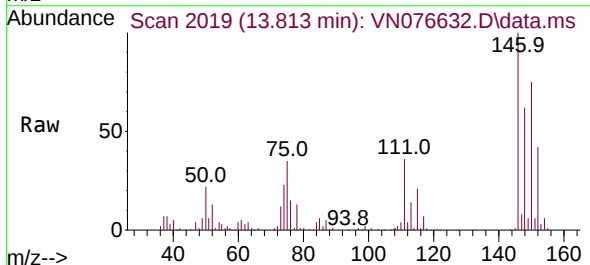
Tgt Ion:146 Resp: 182120
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.8 59.4
 148 63.8 32.0 96.2

Manual Integrations
 APPROVED

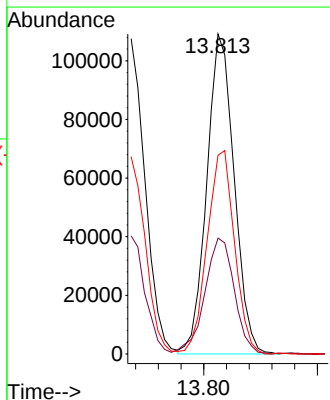
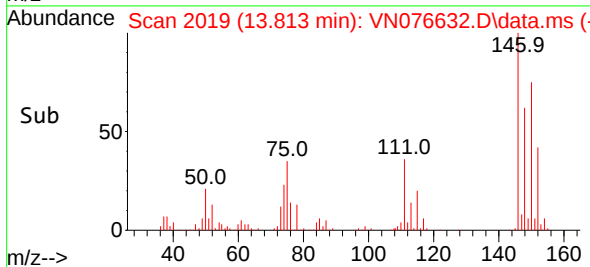
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

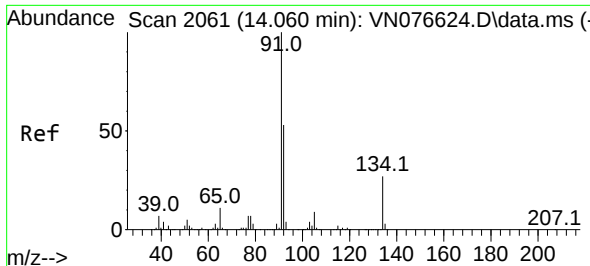


#88
 1,4-Dichlorobenzene
 Concen: 19.276 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076632.D
 Acq: 13 Feb 2023 16:56



Tgt Ion:146 Resp: 182638
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 63.6 32.7 98.1





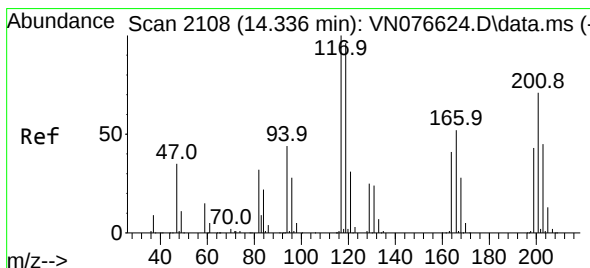
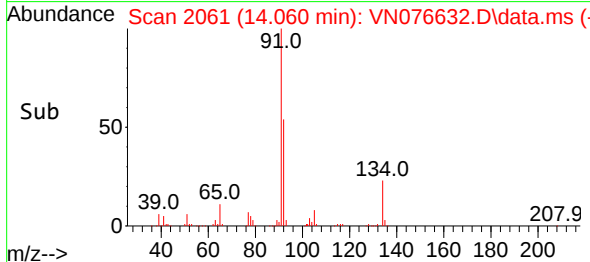
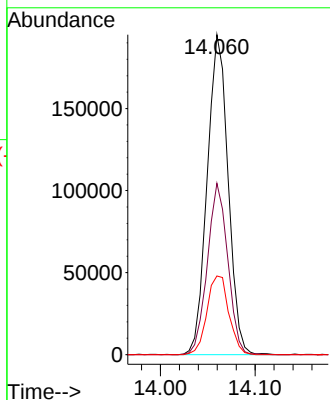
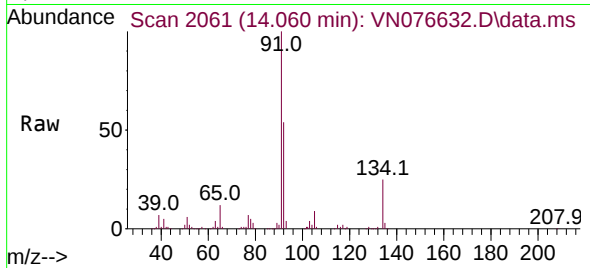
#89
n-Butylbenzene
Concen: 20.422 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion: 91 Resp: 298662
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 25.8 13.2 39.5

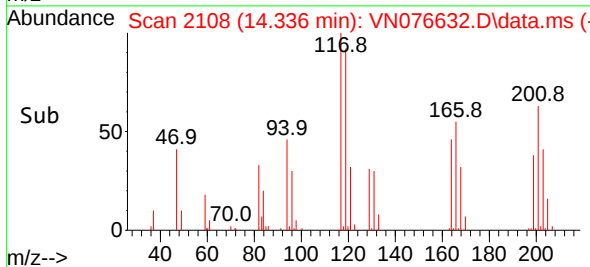
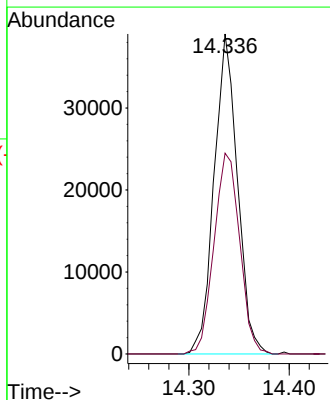
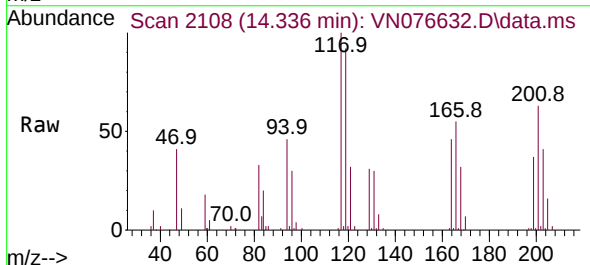
Manual Integrations
APPROVED

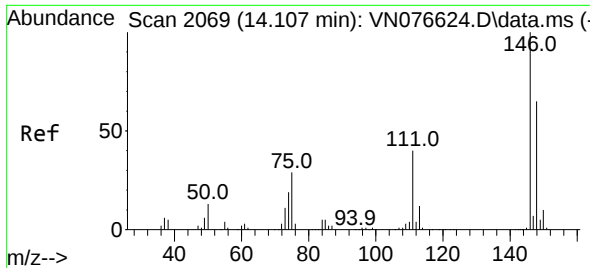
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#90
Hexachloroethane
Concen: 17.861 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Tgt Ion:117 Resp: 62885
Ion Ratio Lower Upper
117 100
201 69.1 35.5 106.7





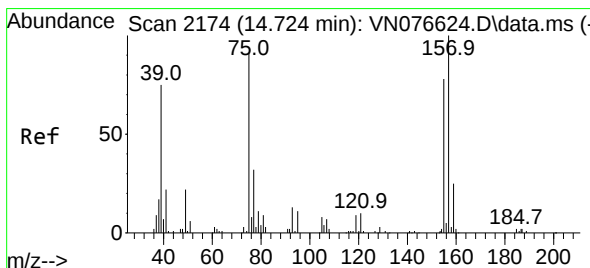
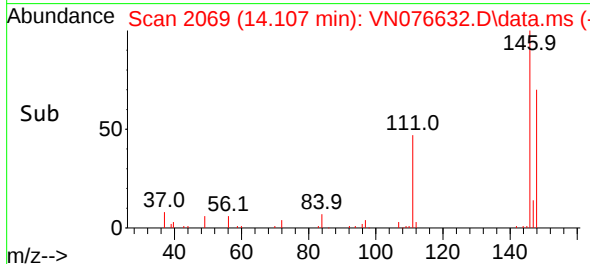
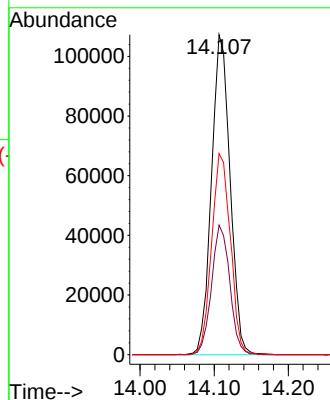
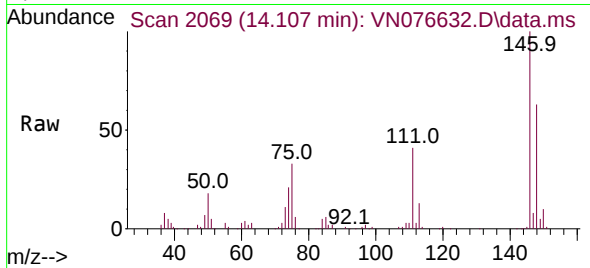
#91
1,2-Dichlorobenzene
Concen: 19.161 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tgt Ion:146 Resp: 186899
Ion Ratio Lower Upper
146 100
111 39.7 20.0 59.9
148 63.5 32.4 97.2

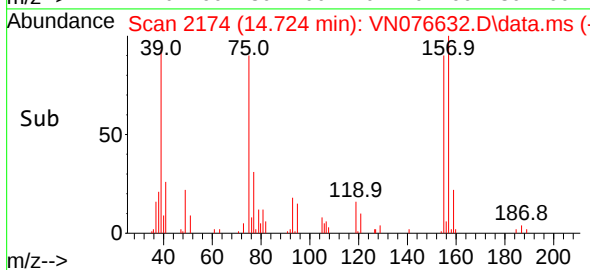
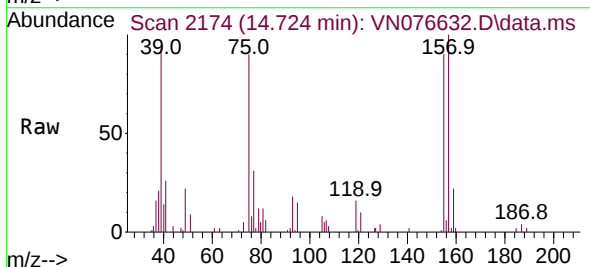
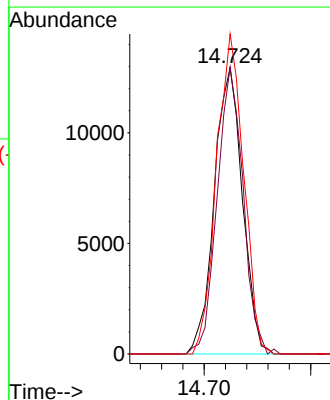
Manual Integrations
APPROVED

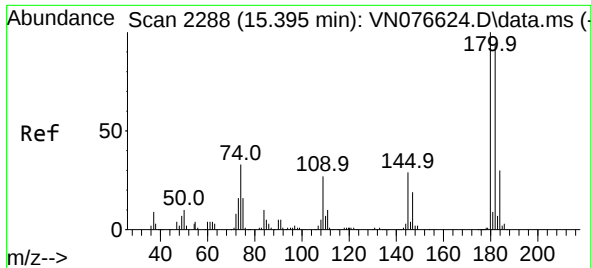
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.780 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

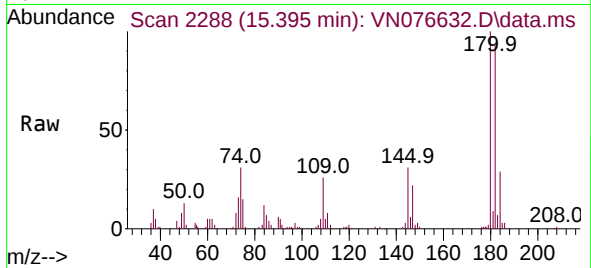
Tgt Ion: 75 Resp: 23740
Ion Ratio Lower Upper
75 100
155 92.1 43.4 130.2
157 108.1 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 19.671 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

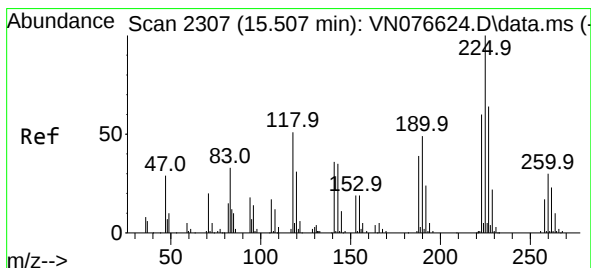
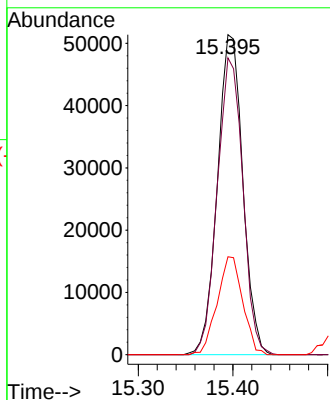
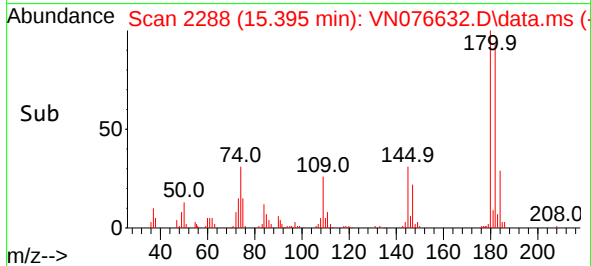
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



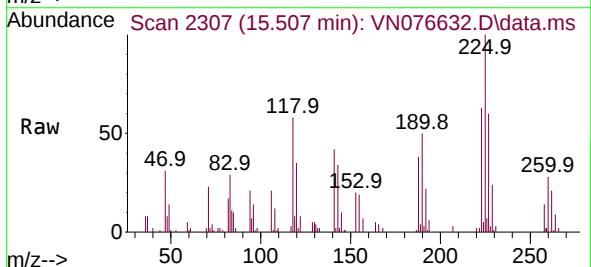
Tgt Ion:180 Resp: 95710
Ion Ratio Lower Upper
180 100
182 93.2 48.0 144.0
145 30.7 15.2 45.6

Manual Integrations
APPROVED

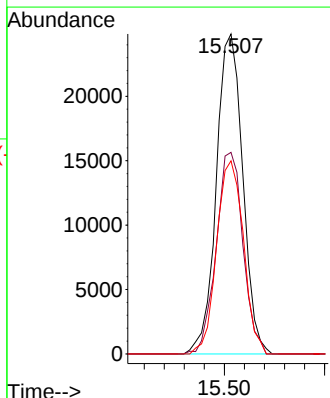
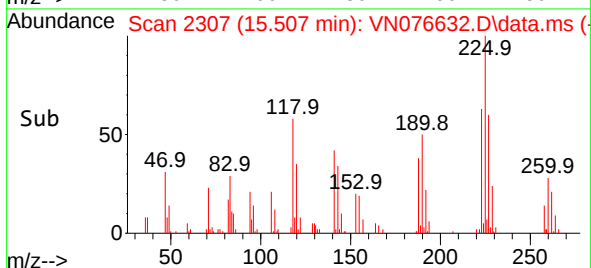
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

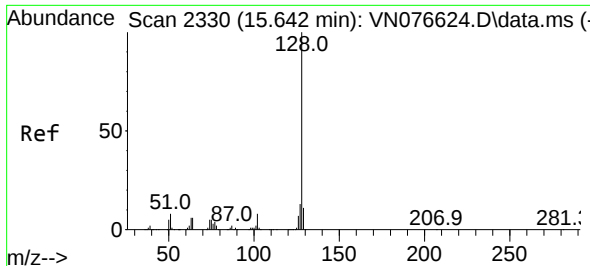


#94
Hexachlorobutadiene
Concen: 19.051 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



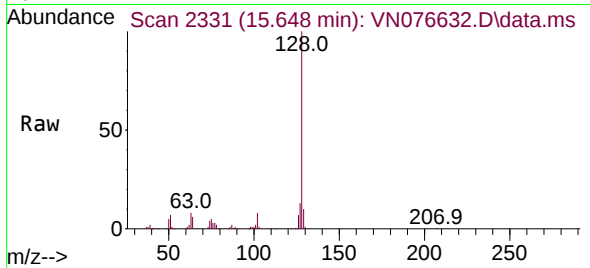
Tgt Ion:225 Resp: 45432
Ion Ratio Lower Upper
225 100
223 63.8 31.6 95.0
227 61.2 31.3 93.9





#95
Naphthalene
Concen: 20.978 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56

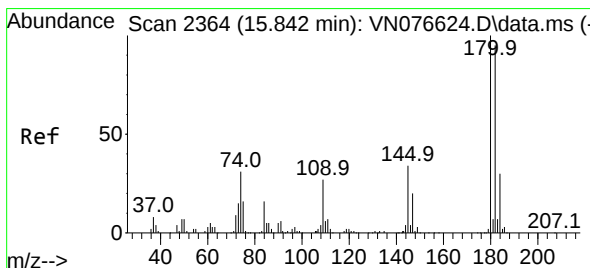
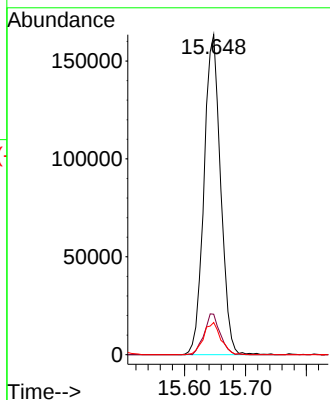
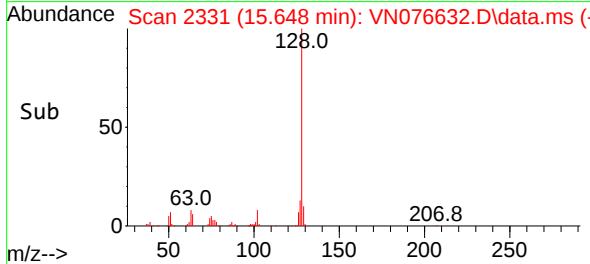
Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01



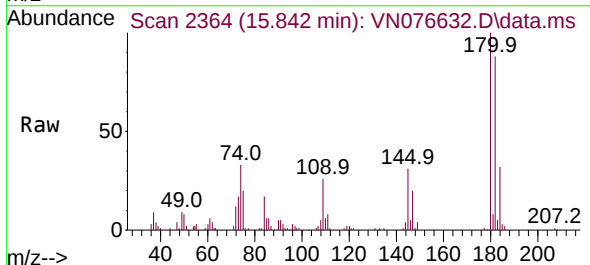
Tgt Ion:128 Resp: 30974
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.915 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076632.D
Acq: 13 Feb 2023 16:56



Tgt Ion:180 Resp: 93878
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.1
145 32.7 16.0 47.9

