

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076711.D
 Acq On : 16 Feb 2023 15:03
 Operator : JC\MD
 Sample : VN0216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2023
 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 17 00:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	333712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	599421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	528743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	258240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	241513	52.411	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.820%	
35) Dibromofluoromethane	8.172	113	193613	49.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.640%	
50) Toluene-d8	10.572	98	756711	51.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.848	95	250910	51.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	71421	20.156	ug/l	97
3) Chloromethane	2.378	50	82663	17.881	ug/l	90
4) Vinyl Chloride	2.531	62	88989	19.558	ug/l	100
5) Bromomethane	2.966	94	52156	18.918	ug/l	96
6) Chloroethane	3.131	64	62832	21.851	ug/l	97
7) Trichlorofluoromethane	3.513	101	111896	18.075	ug/l	95
8) Diethyl Ether	3.972	74	47370	19.857	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	66610	18.312	ug/l	97
10) Methyl Iodide	4.601	142	81381	18.116	ug/l	98
11) Tert butyl alcohol	5.537	59	48395	79.564	ug/l	98
12) 1,1-Dichloroethene	4.354	96	60566	17.583	ug/l	84
13) Acrolein	4.190	56	76867	84.176	ug/l	99
14) Allyl chloride	5.043	41	107118	17.948	ug/l	98
15) Acrylonitrile	5.737	53	194037	89.889	ug/l	98
16) Acetone	4.437	43	153852	74.745	ug/l	92
17) Carbon Disulfide	4.725	76	156117	17.166	ug/l	96
18) Methyl Acetate	5.043	43	124925	18.593	ug/l	100
19) Methyl tert-butyl Ether	5.813	73	226410	19.496	ug/l	99
20) Methylene Chloride	5.278	84	81513	18.895	ug/l	88
21) trans-1,2-Dichloroethene	5.801	96	67264	17.348	ug/l	91
22) Diisopropyl ether	6.684	45	278606	19.903	ug/l #	94
23) Vinyl Acetate	6.613	43	858845	103.695	ug/l	97
24) 1,1-Dichloroethane	6.584	63	144838	18.879	ug/l	97
25) 2-Butanone	7.489	43	263441	86.765	ug/l	96
26) 2,2-Dichloropropane	7.501	77	97091	17.545	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	83502	18.157	ug/l	95
28) Bromochloromethane	7.825	49	78923	21.614	ug/l	93
29) Tetrahydrofuran	7.848	42	175895	88.668	ug/l	98
30) Chloroform	7.972	83	139744	18.231	ug/l	99
31) Cyclohexane	8.266	56	137222	18.984	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	119614	18.559	ug/l	89
36) 1,1-Dichloropropene	8.384	75	99679	17.575	ug/l	98
37) Ethyl Acetate	7.572	43	110086	18.448	ug/l	99
38) Carbon Tetrachloride	8.372	117	100727	17.605	ug/l	98
39) Methylcyclohexane	9.607	83	120641	18.713	ug/l	92
40) Benzene	8.613	78	325671	18.698	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	64104	18.543	ug/l	99
42) 1,2-Dichloroethane	8.678	62	110100	18.125	ug/l	99
43) Isopropyl Acetate	8.689	43	187304	19.289	ug/l	100
44) Trichloroethene	9.360	130	73908	17.957	ug/l	97
45) 1,2-Dichloropropane	9.625	63	86606	18.784	ug/l	99
46) Dibromomethane	9.713	93	55161	18.714	ug/l	94
47) Bromodichloromethane	9.889	83	108483	18.357	ug/l #	98
48) Methyl methacrylate	9.683	41	88810	19.274	ug/l	96
49) 1,4-Dioxane	9.701	88	25860	324.442	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	579046	93.725	ug/l	99
52) Toluene	10.630	92	201862	19.196	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	110452	19.364	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	121222	18.424	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	80514	18.829	ug/l	95
56) Ethyl methacrylate	10.877	69	113677	18.887	ug/l	95
57) 1,3-Dichloropropane	11.166	76	141007	19.194	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	299071	108.498	ug/l	96
59) 2-Hexanone	11.201	43	408565	91.716	ug/l	99
60) Dibromochloromethane	11.360	129	80888	17.949	ug/l	98
61) 1,2-Dibromoethane	11.472	107	76002	17.757	ug/l	100
64) Tetrachloroethene	11.107	164	57225	17.174	ug/l	91
65) Chlorobenzene	11.895	112	209041	18.655	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	75275	18.494	ug/l	97
67) Ethyl Benzene	11.966	91	379739	19.892	ug/l	100
68) m/p-Xylenes	12.072	106	294765	40.058	ug/l	96
69) o-Xylene	12.401	106	148004	20.623	ug/l	98
70) Styrene	12.413	104	239894	20.671	ug/l	100
71) Bromoform	12.583	173	53004	17.754	ug/l #	100
73) Isopropylbenzene	12.701	105	378956	20.021	ug/l	98
74) N-amyl acetate	12.501	43	161486	18.928	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	122874	17.934	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	106776m	20.452	ug/l	
77) Bromobenzene	12.983	156	88112	18.658	ug/l	97
78) n-propylbenzene	13.036	91	451107	20.296	ug/l	99
79) 2-Chlorotoluene	13.124	91	265901	19.539	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	324616	20.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	30736	17.147	ug/l	87
82) 4-Chlorotoluene	13.124	91	265901	19.539	ug/l	96
83) tert-Butylbenzene	13.442	119	284440	20.100	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	326118	20.918	ug/l	99
85) sec-Butylbenzene	13.618	105	409223	20.713	ug/l	98
86) p-Isopropyltoluene	13.730	119	327849	20.781	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	171502	19.212	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	165075	18.569	ug/l	98
89) n-Butylbenzene	14.060	91	271686	19.800	ug/l	100
90) Hexachloroethane	14.336	117	59979	18.157	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	172150	18.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	21084	15.884	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	83218	18.229	ug/l	98
94) Hexachlorobutadiene	15.507	225	39557	17.680	ug/l	97
95) Naphthalene	15.642	128	271293	19.584	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	82331	18.615	ug/l	95

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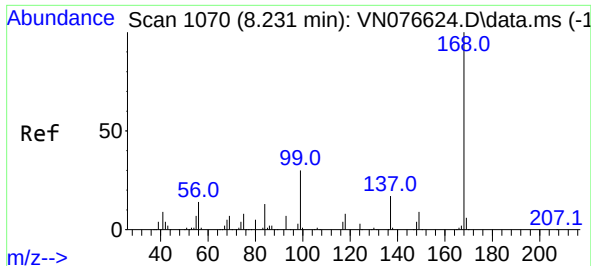
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/18/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



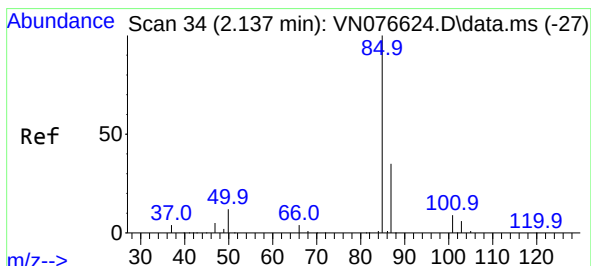
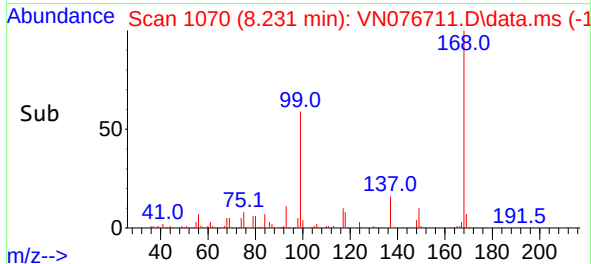
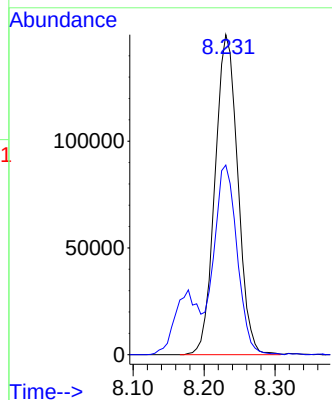
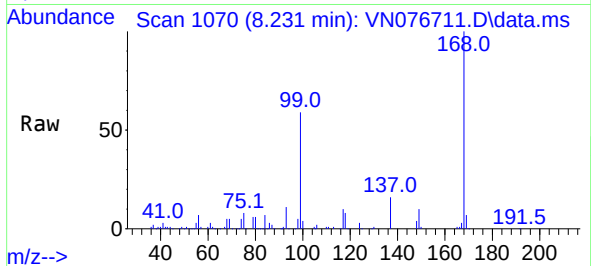
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076711.D
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ClientSampleId :
VN0216MBS01

Tgt Ion:168 Resp: 33371
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2

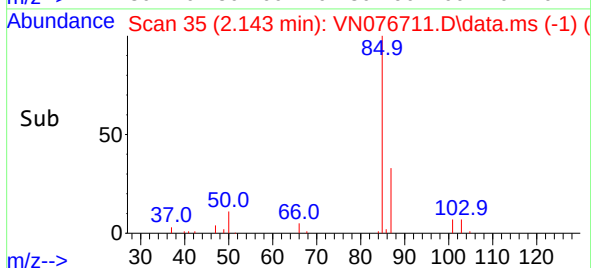
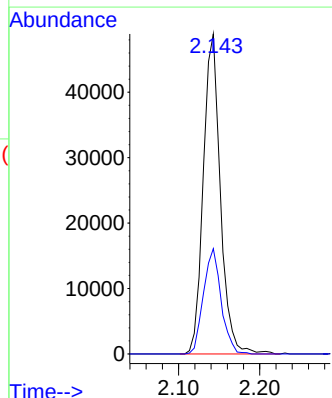
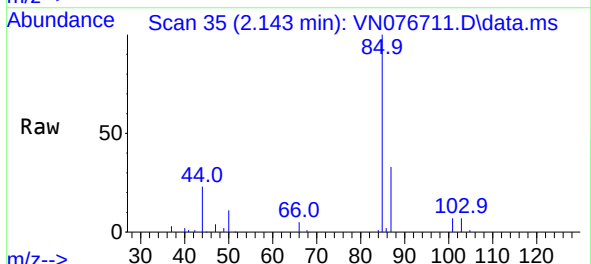
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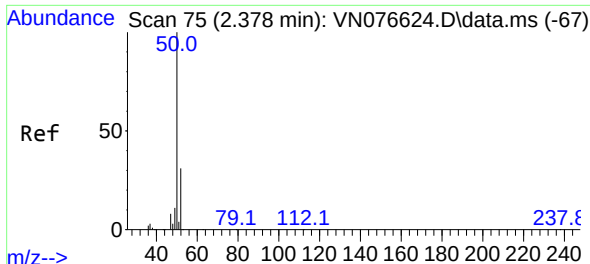
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 20.156 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

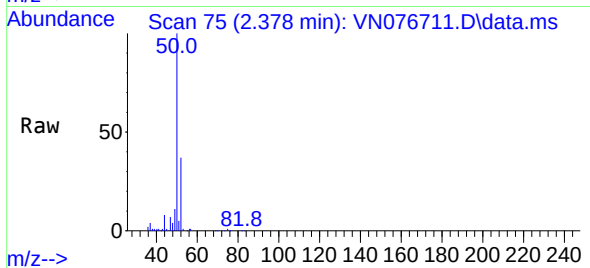
Tgt Ion: 85 Resp: 71421
Ion Ratio Lower Upper
85 100
87 32.9 17.4 52.2





#3
Chloromethane
Concen: 17.881 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

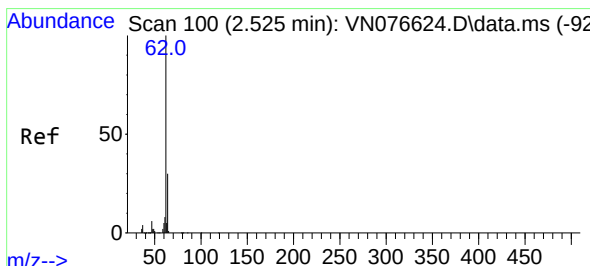
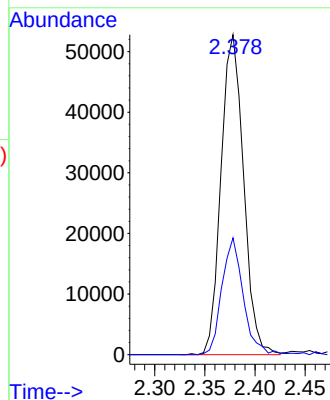
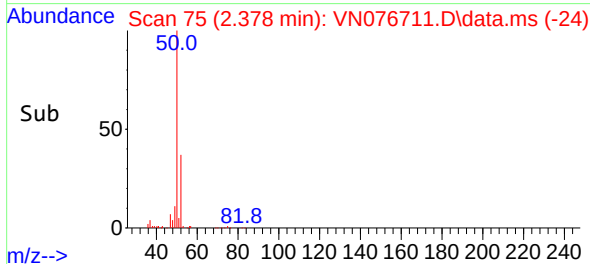
Instrument :
MSVOA_N
Client Sample Id :
VN0216MBS01



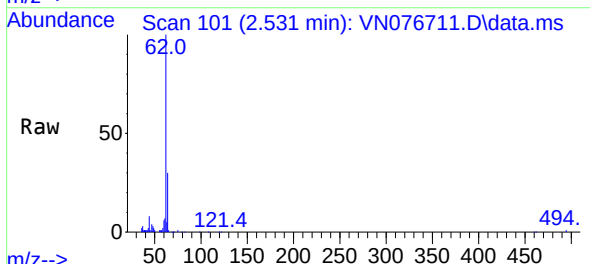
Tgt Ion: 50 Resp: 8266
Ion Ratio Lower Upper
50 100
52 36.5 24.7 37.1

Manual Integrations
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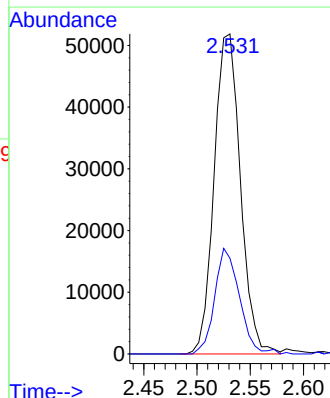
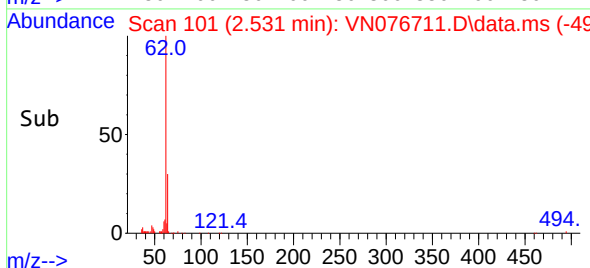
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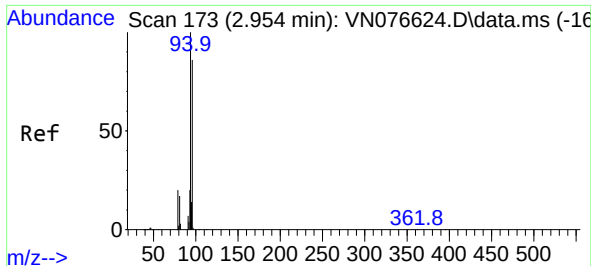


#4
Vinyl Chloride
Concen: 19.558 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



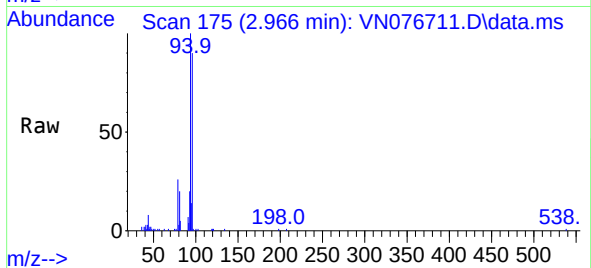
Tgt Ion: 62 Resp: 88989
Ion Ratio Lower Upper
62 100
64 29.9 23.9 35.9





#5
Bromomethane
Concen: 18.918 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

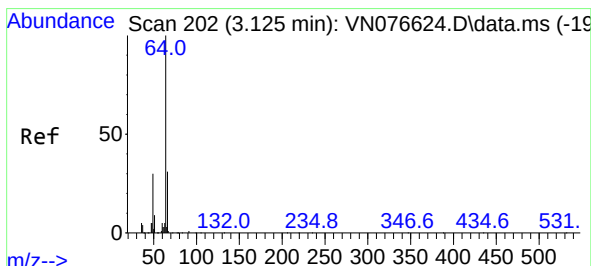
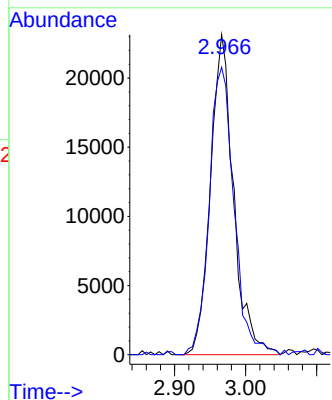
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



Tgt Ion: 94 Resp: 52150
Ion Ratio Lower Upper
94 100
96 89.8 69.0 103.4

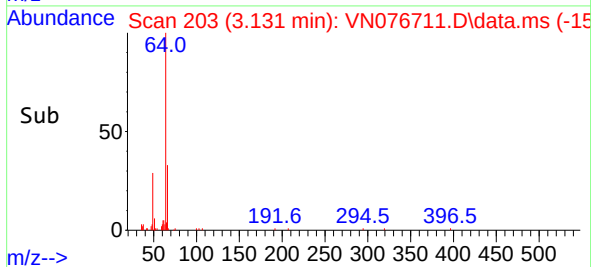
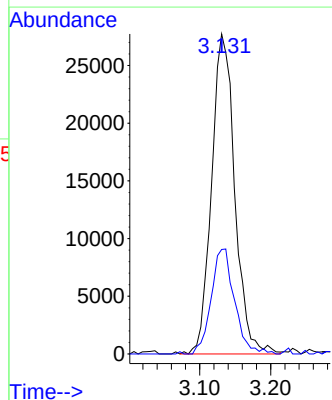
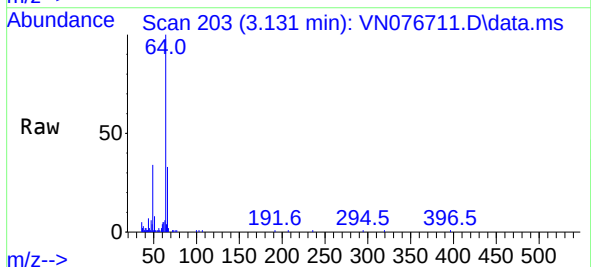
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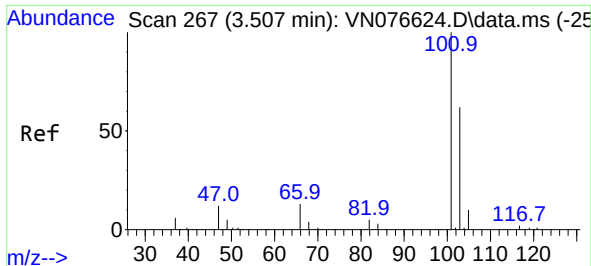
Reviewed By :John Carlone 02/17/2023
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#6
Chloroethane
Concen: 21.851 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion: 64 Resp: 62832
Ion Ratio Lower Upper
64 100
66 32.7 24.6 37.0





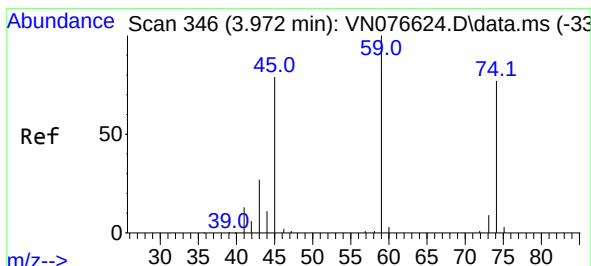
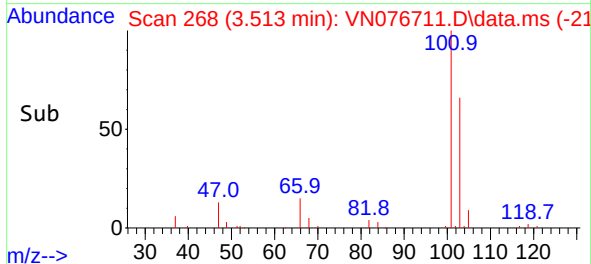
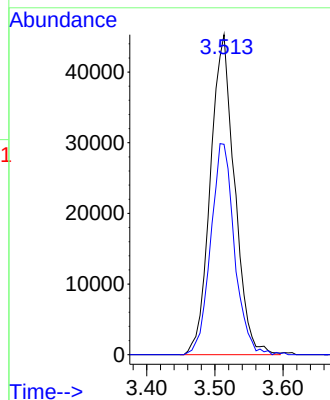
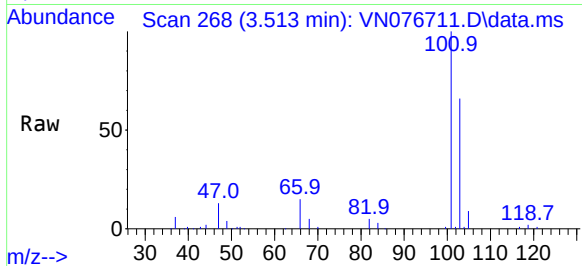
#7
Trichlorofluoromethane
Concen: 18.075 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:101 Resp: 111890
Ion Ratio Lower Upper
101 100
103 65.7 49.4 74.2

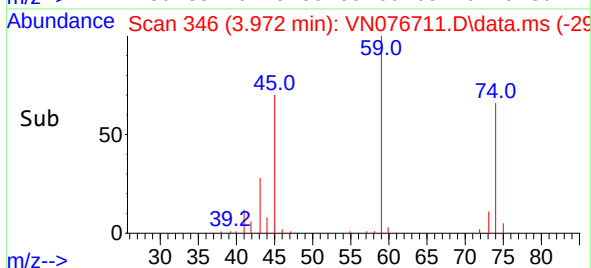
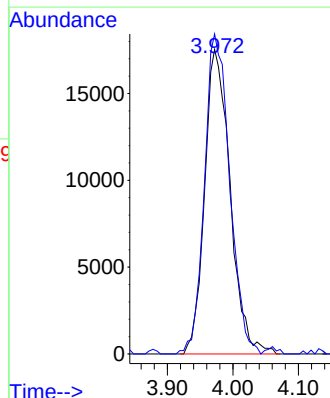
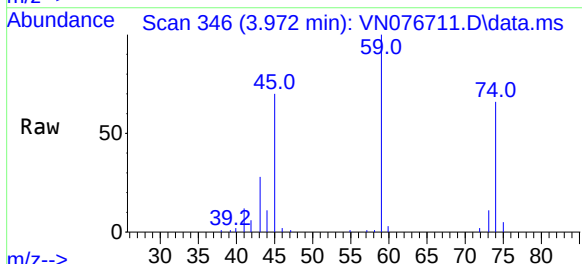
Manual Integrations
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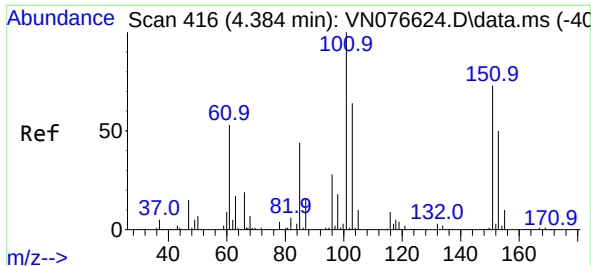
Reviewed By :John Carlone 02/17/2023
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#8
Diethyl Ether
Concen: 19.857 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion: 74 Resp: 47370
Ion Ratio Lower Upper
74 100
45 103.8 51.3 153.9





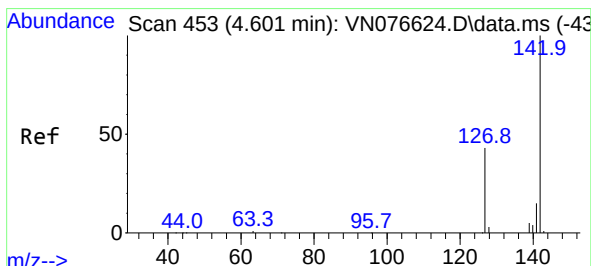
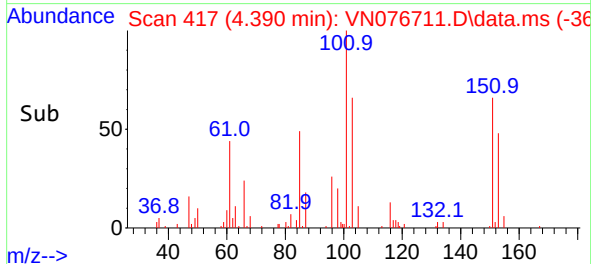
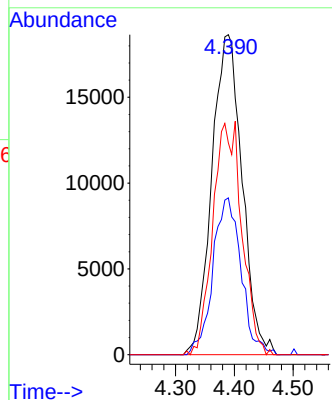
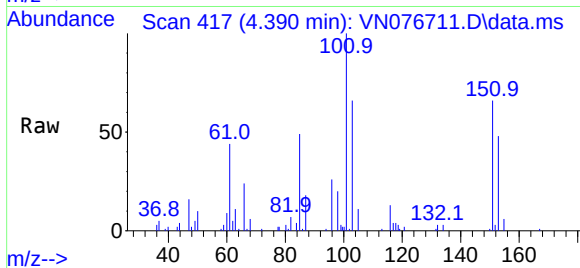
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.312 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
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VN0216MBS01

Tgt Ion:101 Resp: 66610
Ion Ratio Lower Upper
101 100
85 45.7 37.4 56.0
151 69.6 58.7 88.1

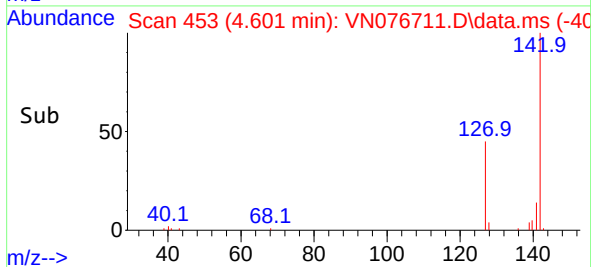
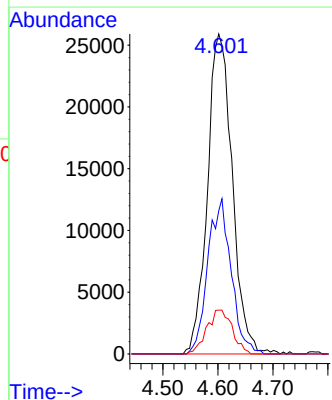
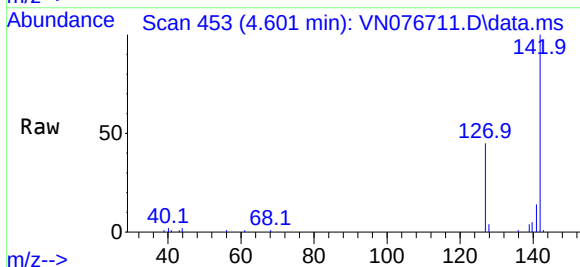
Manual Integrations
APPROVED

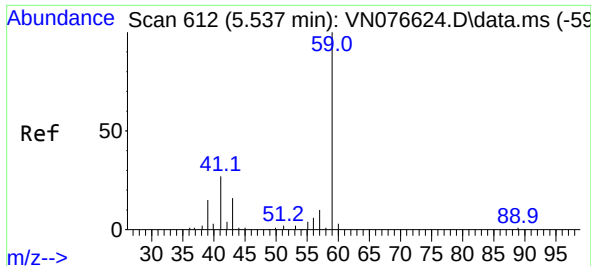
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
Methyl Iodide
Concen: 18.116 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

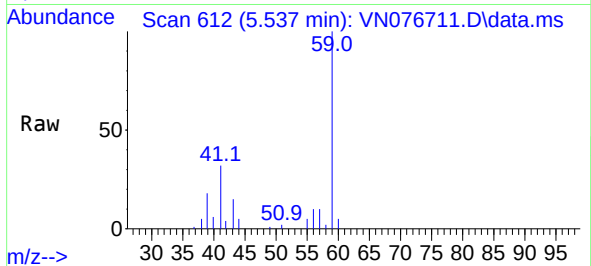
Tgt Ion:142 Resp: 81381
Ion Ratio Lower Upper
142 100
127 44.8 34.6 51.8
141 13.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 79.564 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

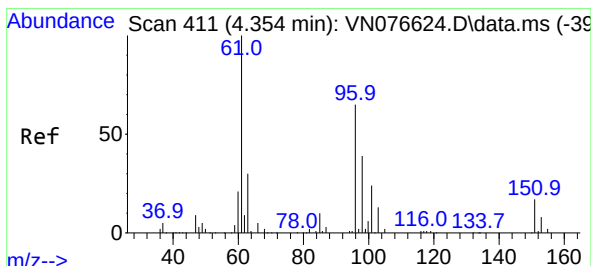
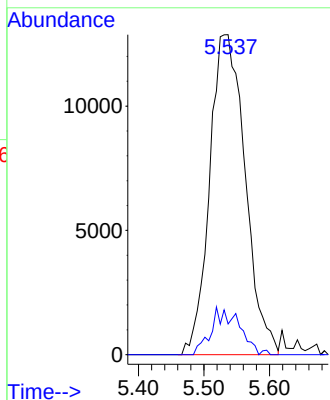
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



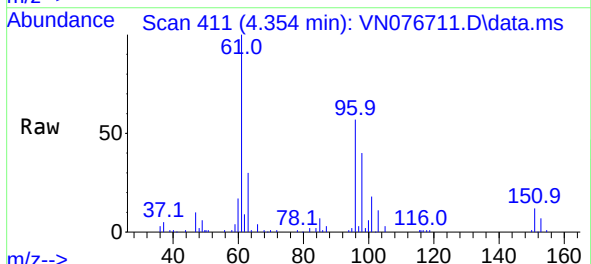
Tgt Ion: 59 Resp: 4839
Ion Ratio Lower Upper
59 100
57 11.8 8.7 13.1

Manual Integrations
APPROVED

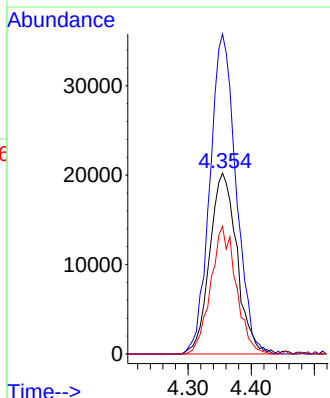
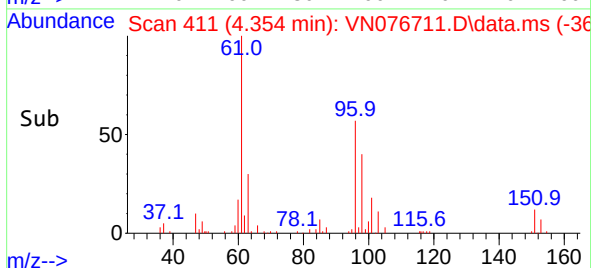
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

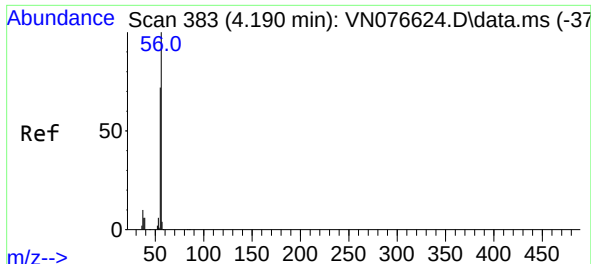


#12
1,1-Dichloroethene
Concen: 17.583 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



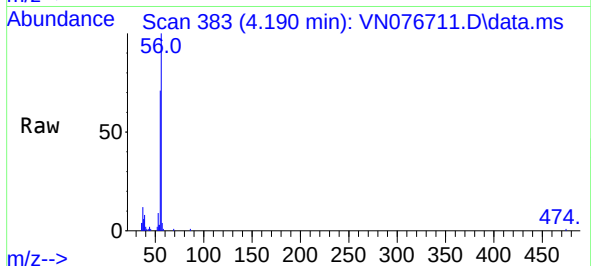
Tgt Ion: 96 Resp: 60566
Ion Ratio Lower Upper
96 100
61 176.8 123.8 185.6
98 70.5 48.4 72.6





#13
Acrolein
Concen: 84.176 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

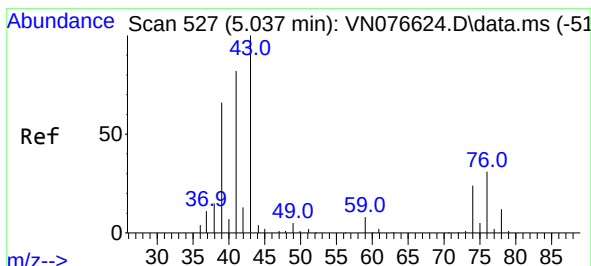
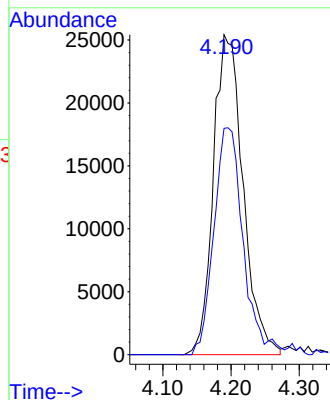
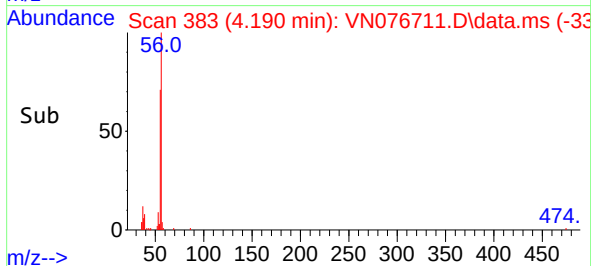
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



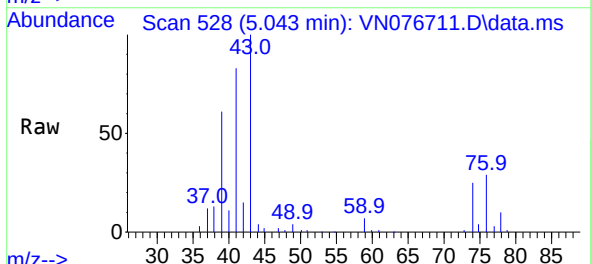
Tgt Ion: 56 Resp: 7686
Ion Ratio Lower Upper
56 100
55 69.9 56.3 84.5

Manual Integrations
APPROVED

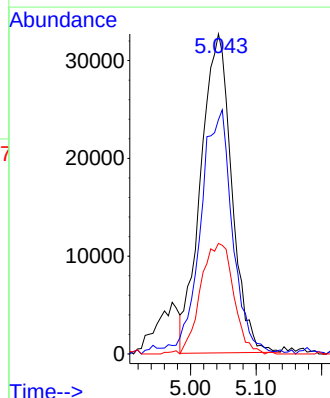
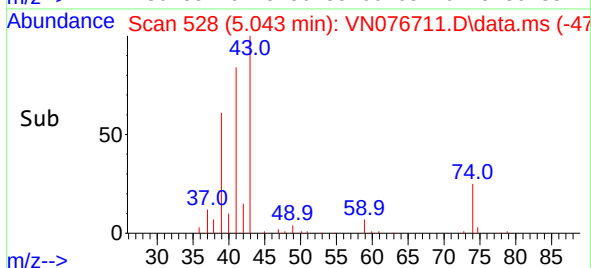
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

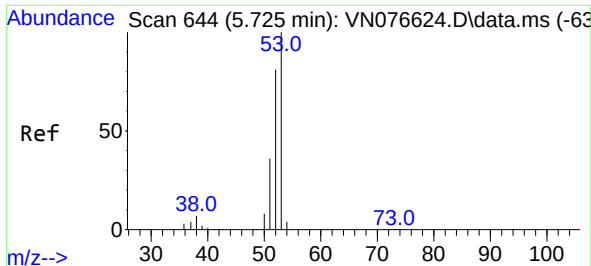


#14
Allyl chloride
Concen: 17.948 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 41 Resp: 107118
Ion Ratio Lower Upper
41 100
39 77.5 62.3 93.5
76 36.9 27.0 40.6





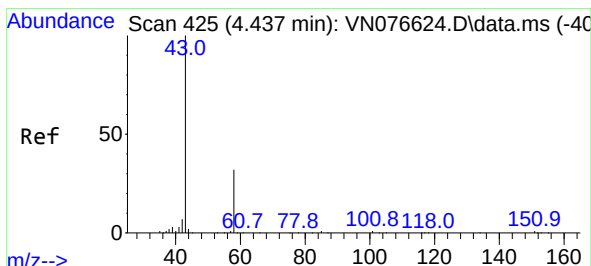
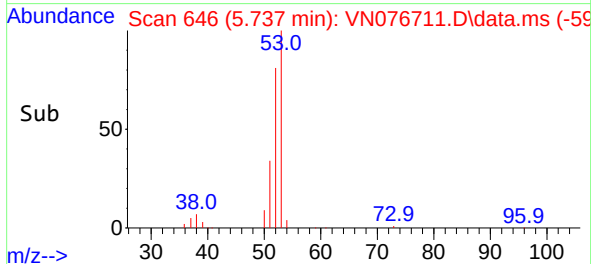
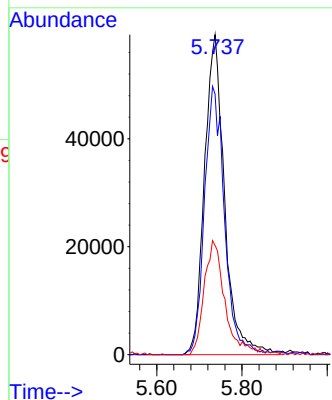
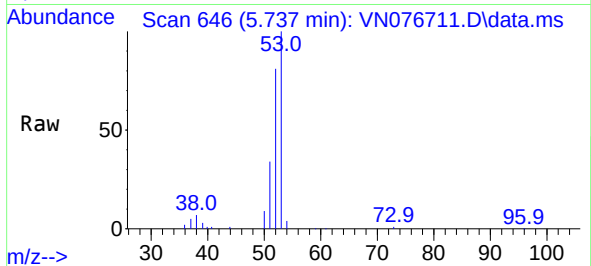
#15
Acrylonitrile
Concen: 89.889 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 53 Resp: 19403
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 37.0 29.2 43.8

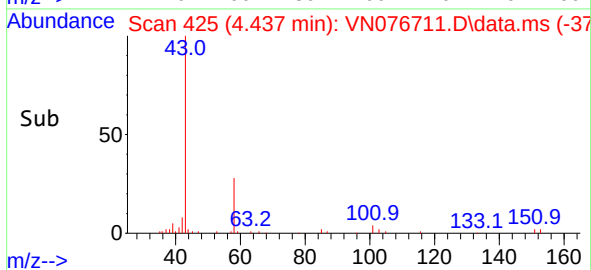
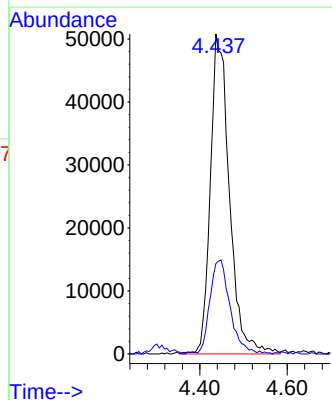
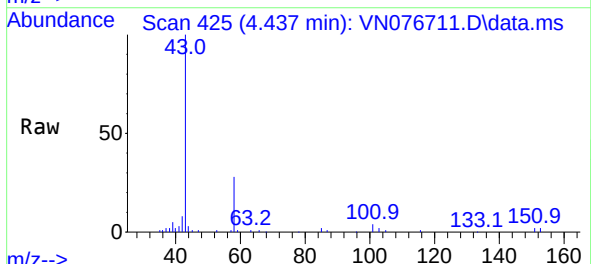
Manual Integrations
APPROVED

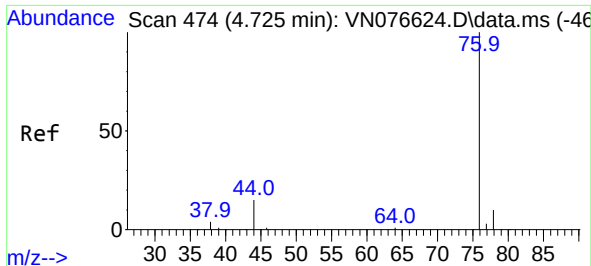
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#16
Acetone
Concen: 74.745 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

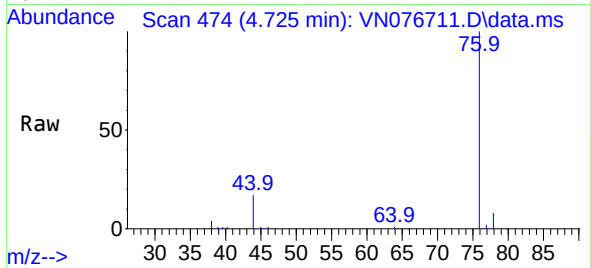
Tgt Ion: 43 Resp: 153852
Ion Ratio Lower Upper
43 100
58 27.7 25.9 38.9





#17
Carbon Disulfide
Concen: 17.166 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

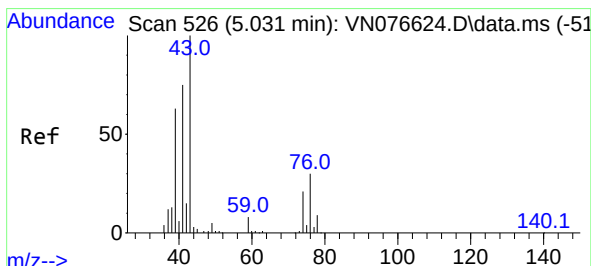
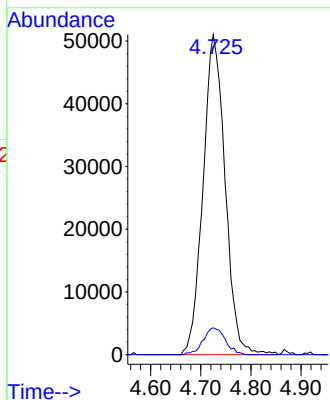
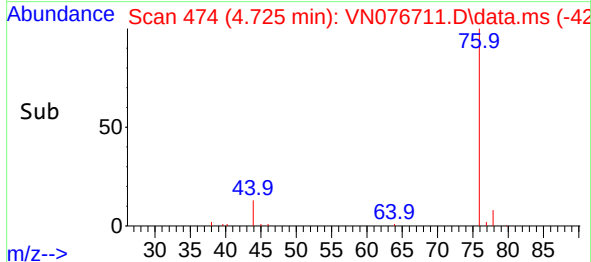
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



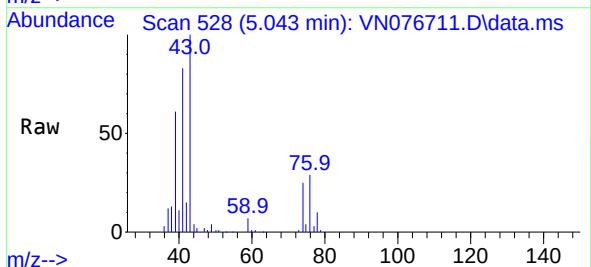
Tgt Ion: 76 Resp: 15611
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8

Manual Integrations
APPROVED

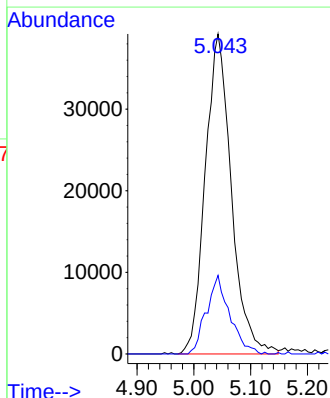
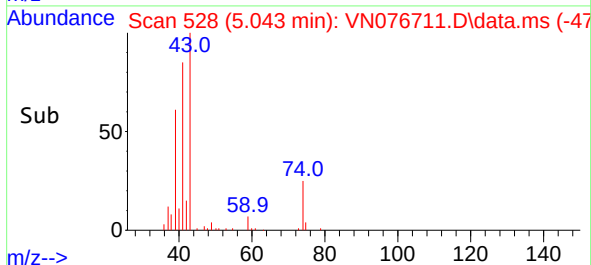
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

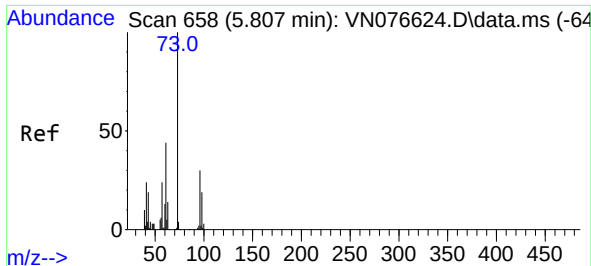


#18
Methyl Acetate
Concen: 18.593 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



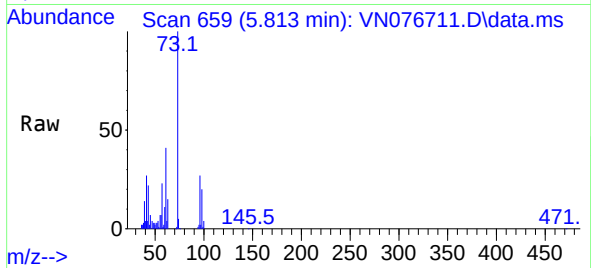
Tgt Ion: 43 Resp: 124925
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 19.496 ug/l
RT: 5.813 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

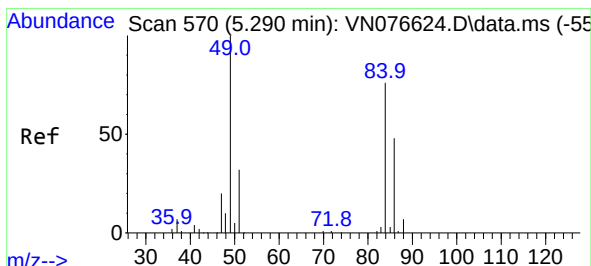
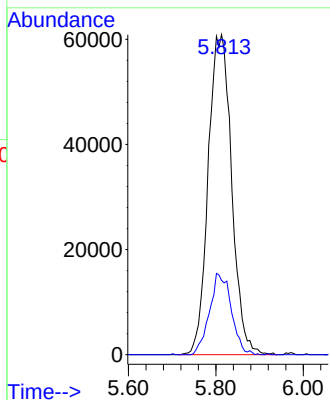
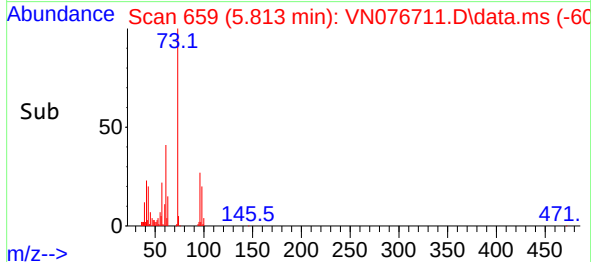
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



Tgt Ion: 73 Resp: 226410
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.4

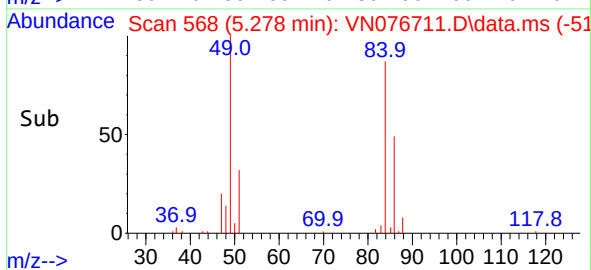
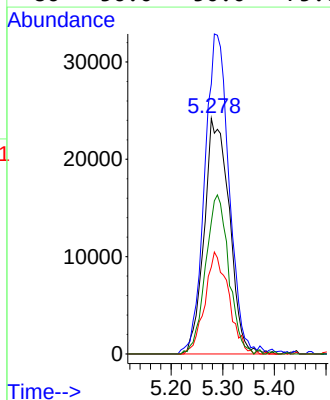
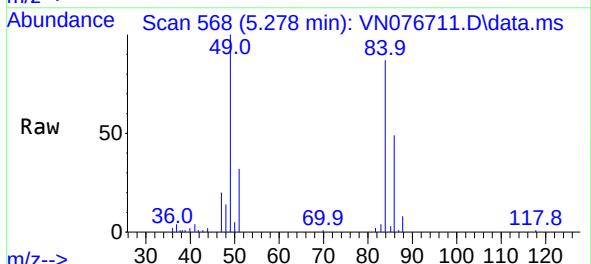
Manual Integrations
APPROVED

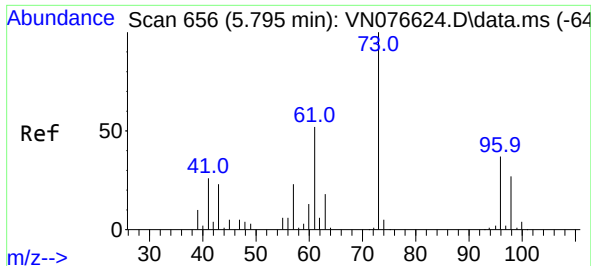
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#20
Methylene Chloride
Concen: 18.895 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

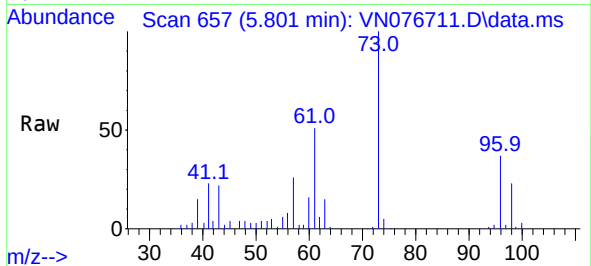
Tgt Ion: 84 Resp: 81513
Ion Ratio Lower Upper
84 100
49 114.6 104.9 157.3
51 36.9 33.8 50.8
86 56.0 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 17.348 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

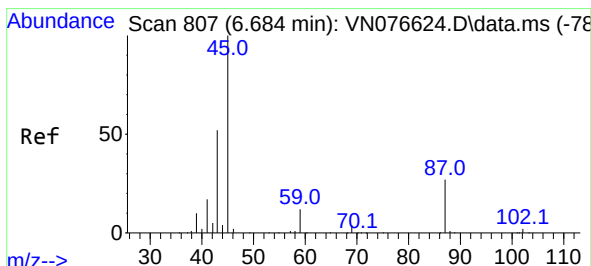
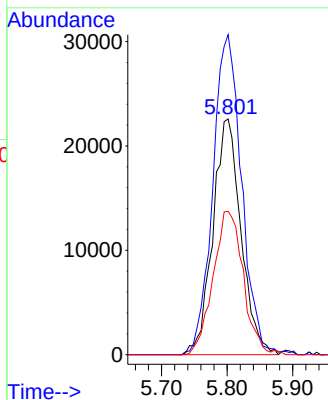
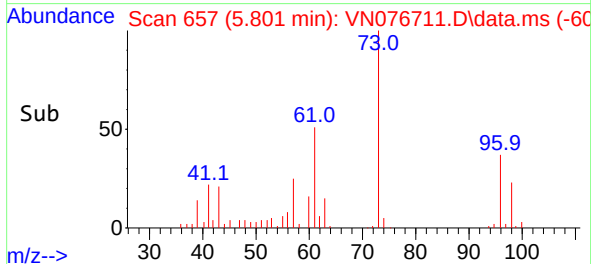
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



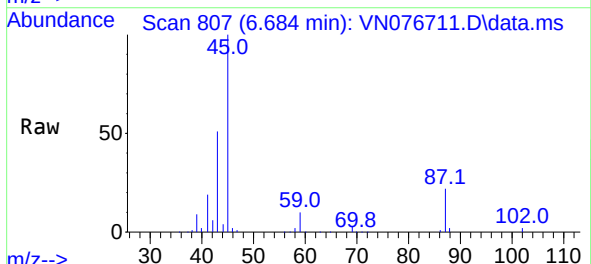
Tgt Ion: 96 Resp: 67264
Ion Ratio Lower Upper
96 100
61 135.8 113.9 170.9
98 60.8 59.4 89.0

Manual Integrations
APPROVED

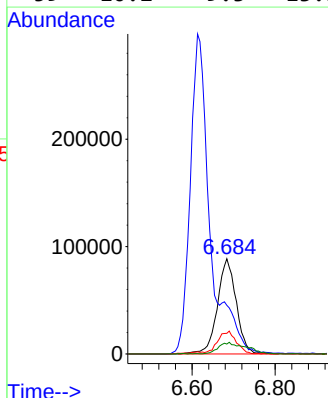
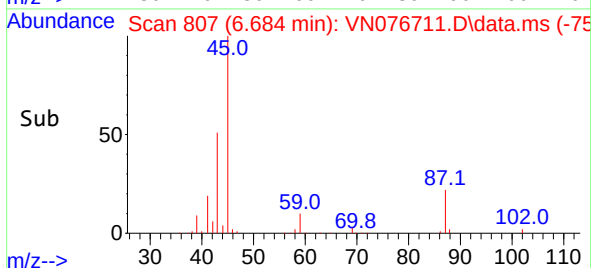
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

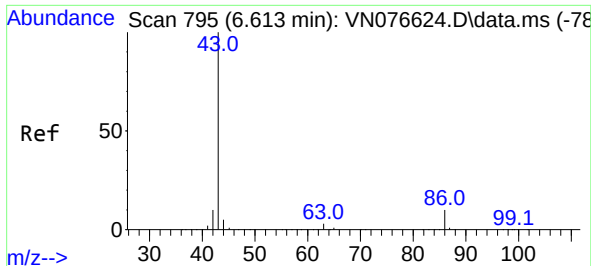


#22
Diisopropyl ether
Concen: 19.903 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



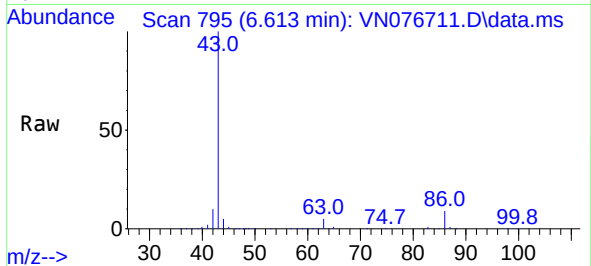
Tgt Ion: 45 Resp: 278606
Ion Ratio Lower Upper
45 100
43 50.1 41.8 62.6
87 21.5 21.8 32.8#
59 10.2 9.3 13.9





#23
 Vinyl Acetate
 Concen: 103.695 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076711.D
 Acq: 16 Feb 2023 15:03

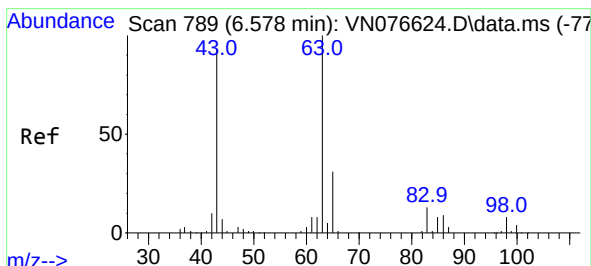
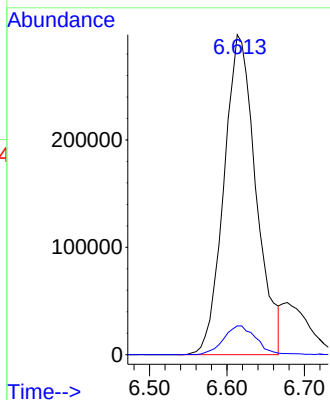
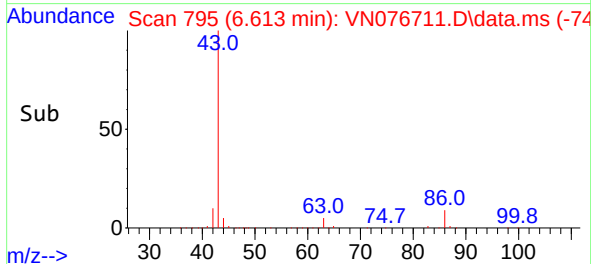
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216MBS01



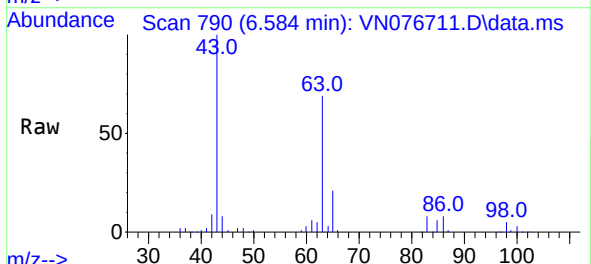
Tgt Ion: 43 Resp: 85884
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.2 12.2

Manual Integrations
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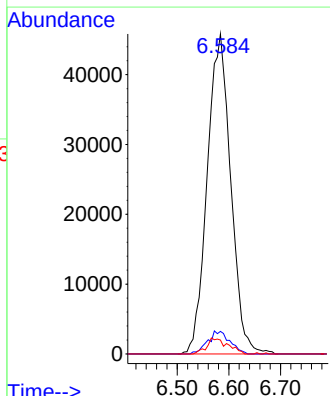
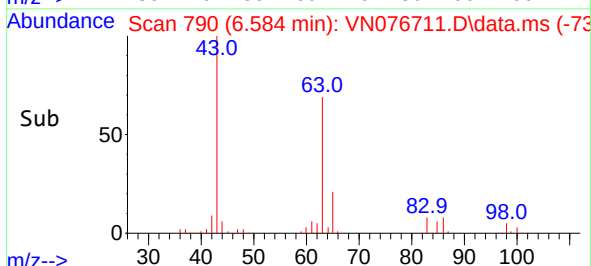
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023

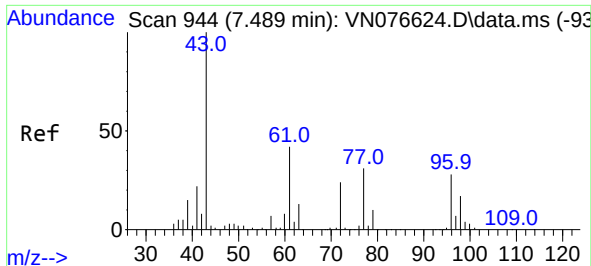


#24
 1,1-Dichloroethane
 Concen: 18.879 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076711.D
 Acq: 16 Feb 2023 15:03



Tgt Ion: 63 Resp: 144838
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.1 12.3
 100 4.3 2.0 5.8





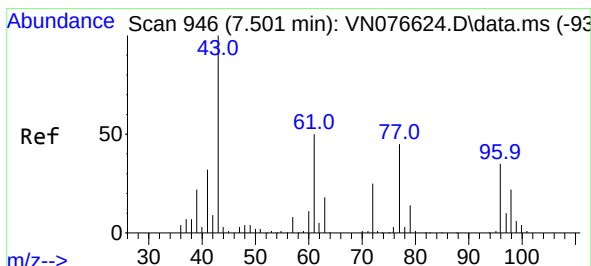
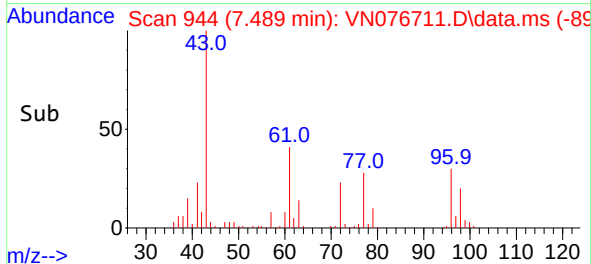
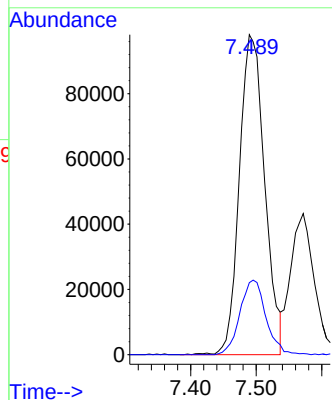
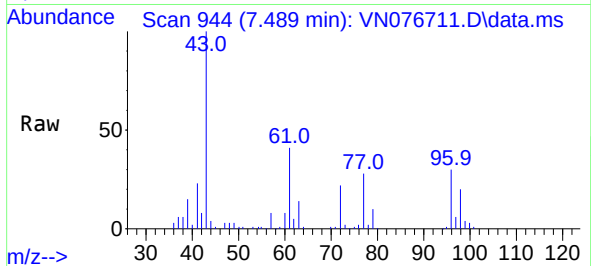
#25
2-Butanone
Concen: 86.765 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 43 Resp: 26344
Ion Ratio Lower Upper
43 100
72 22.5 19.4 29.2

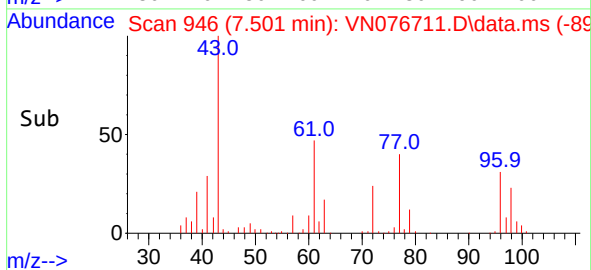
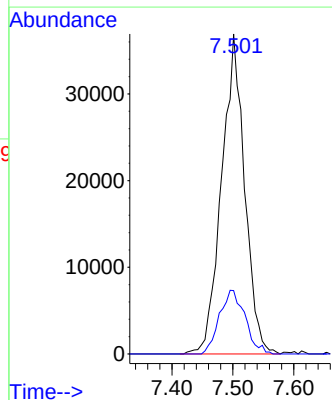
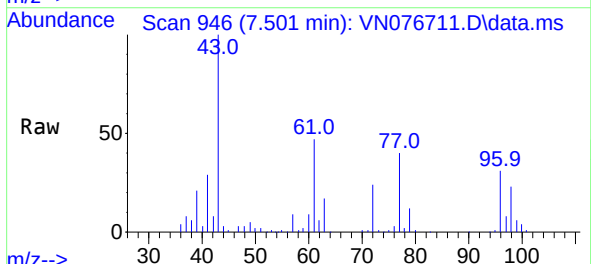
Manual Integrations
APPROVED

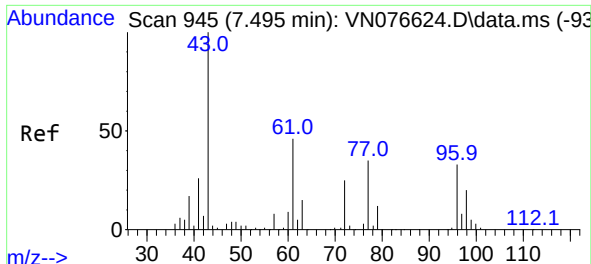
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#26
2,2-Dichloropropane
Concen: 17.545 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

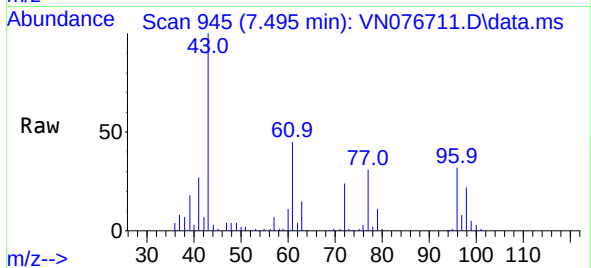
Tgt Ion: 77 Resp: 97091
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.157 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076711.D
 Acq: 16 Feb 2023 15:03

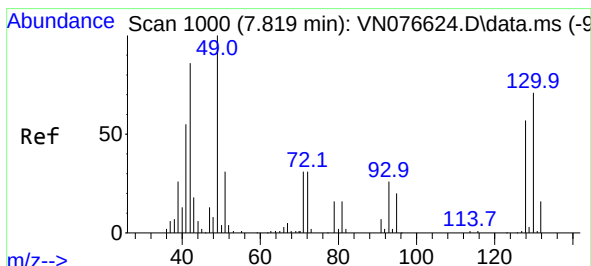
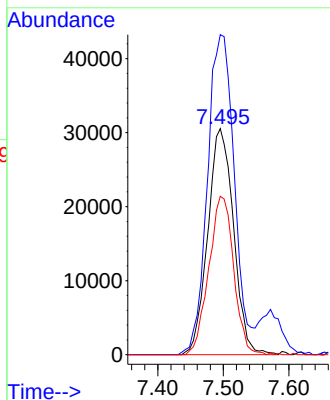
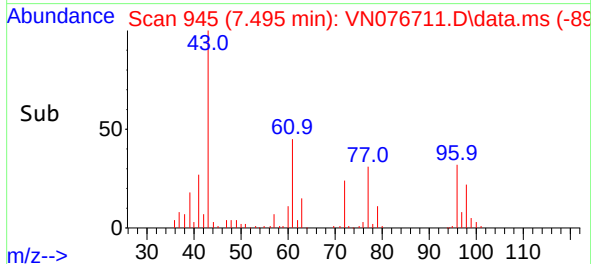
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216MBS01



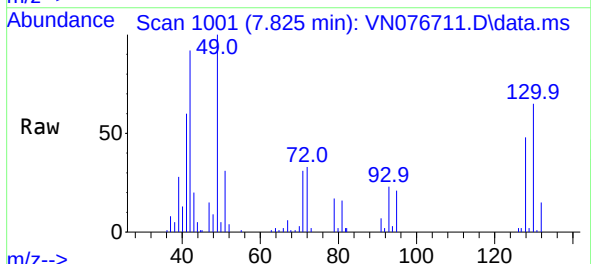
Tgt Ion: 96 Resp: 83502
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 286.8
 98 67.4 0.0 124.0

Manual Integrations
 APPROVED

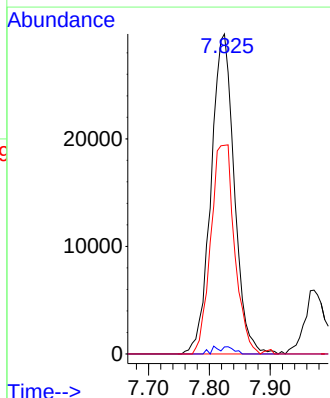
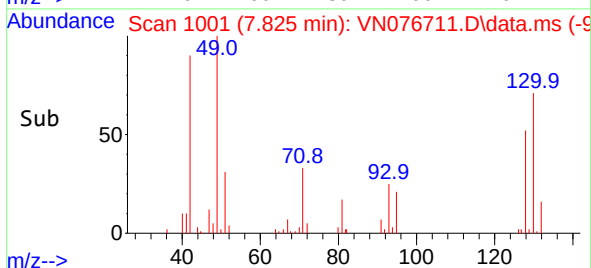
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023

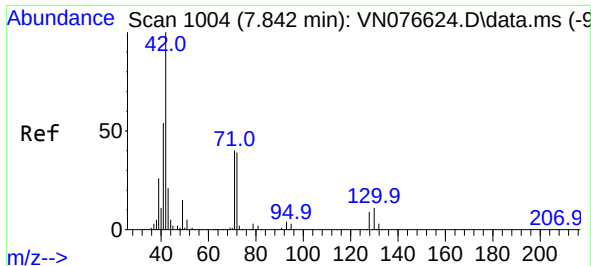


#28
 Bromochloromethane
 Concen: 21.614 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076711.D
 Acq: 16 Feb 2023 15:03



Tgt Ion: 49 Resp: 78923
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 66.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 88.668 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076711.D

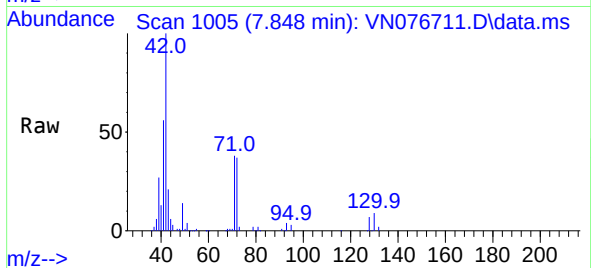
Acq: 16 Feb 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0216MBS01



Tgt Ion: 42 Resp: 17589

Ion Ratio Lower Upper

42 100

72 40.7 31.5 47.3

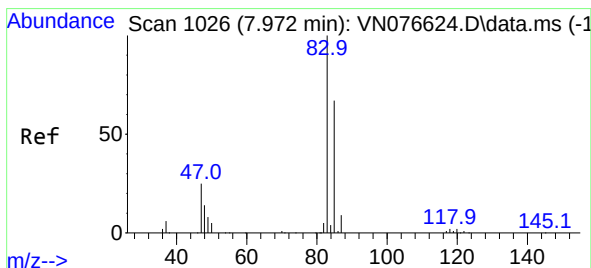
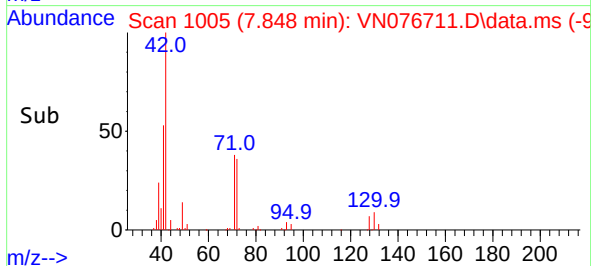
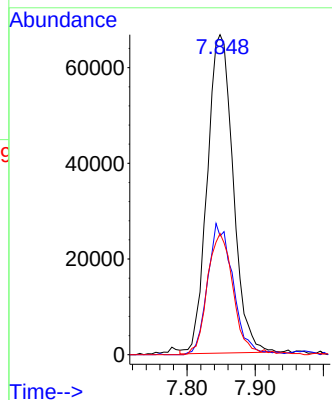
71 38.1 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#30

Chloroform

Concen: 18.231 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076711.D

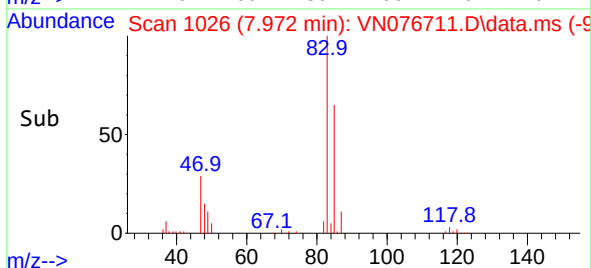
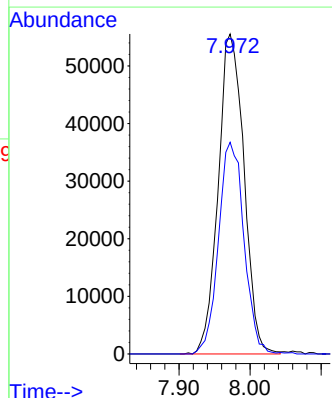
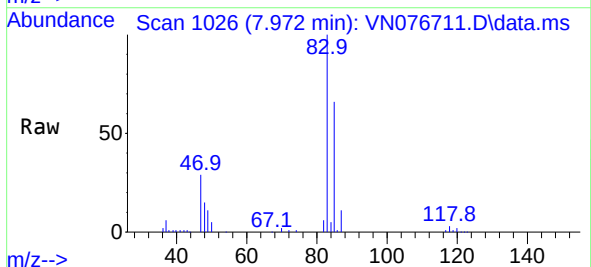
Acq: 16 Feb 2023 15:03

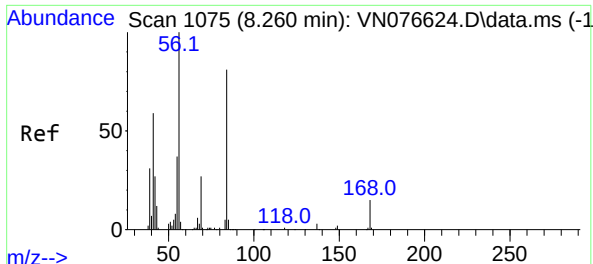
Tgt Ion: 83 Resp: 139744

Ion Ratio Lower Upper

83 100

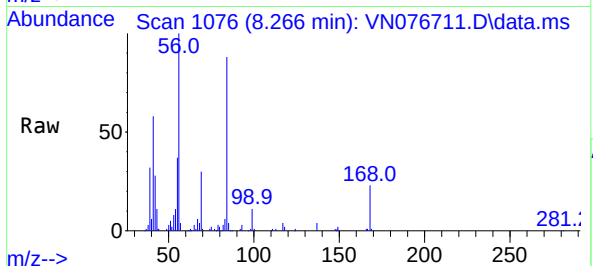
85 66.2 53.5 80.3





#31
Cyclohexane
Concen: 18.984 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

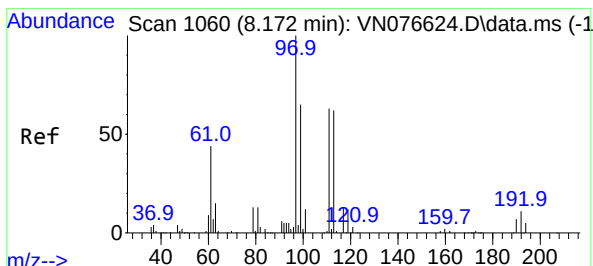
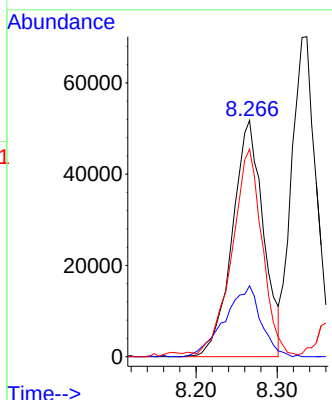
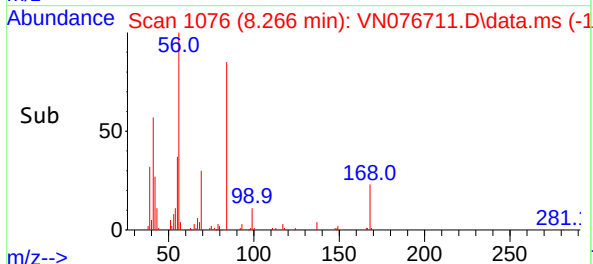
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



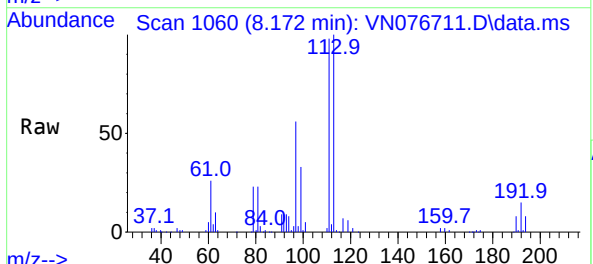
Tgt Ion: 56 Resp: 13722
Ion Ratio Lower Upper
56 100
69 30.0 21.6 32.4
84 86.2 65.1 97.7

Manual Integrations
APPROVED

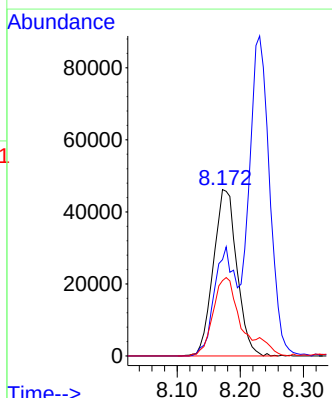
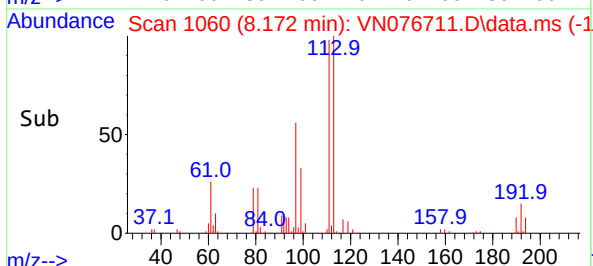
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

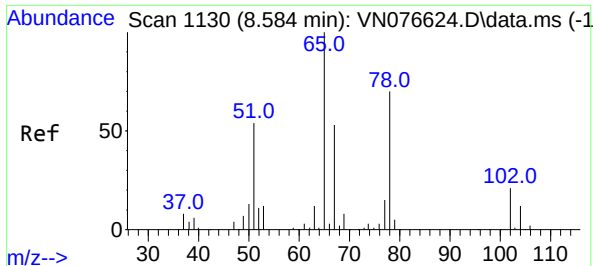


#32
1,1,1-Trichloroethane
Concen: 18.559 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 97 Resp: 119614
Ion Ratio Lower Upper
97 100
99 56.7 51.2 76.8
61 57.1 38.2 57.2





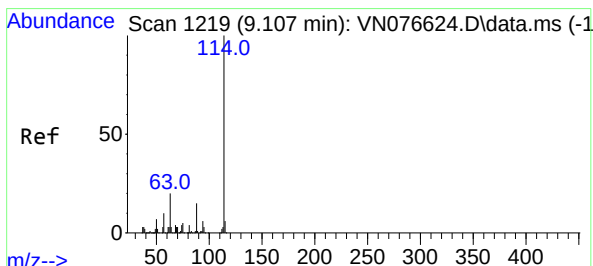
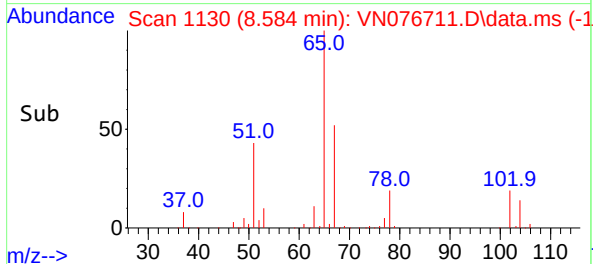
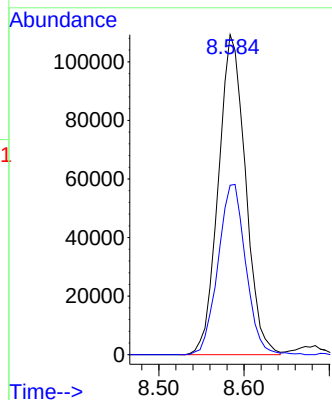
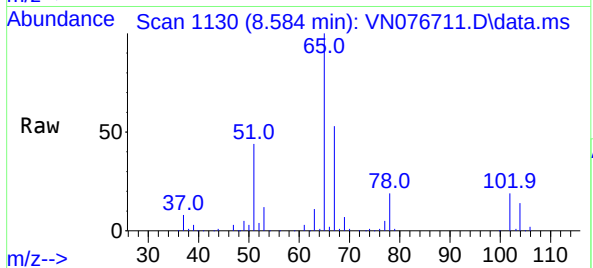
#33
1,2-Dichloroethane-d4
Concen: 52.411 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 65 Resp: 24151
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.6

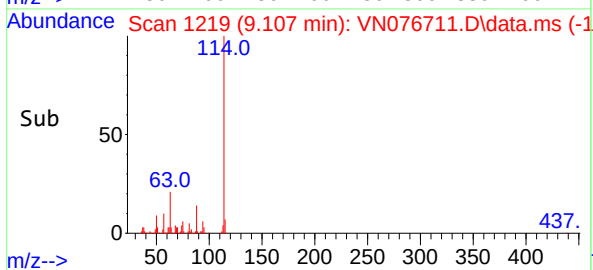
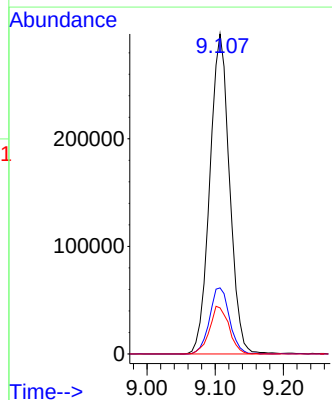
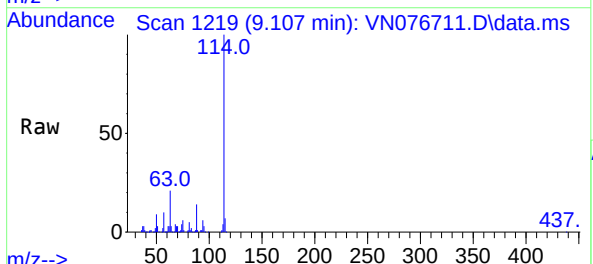
Manual Integrations
APPROVED

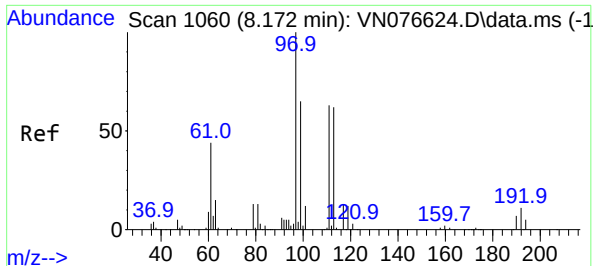
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

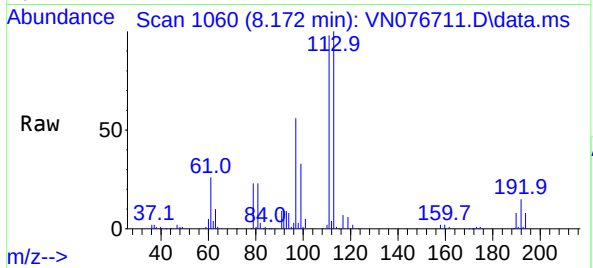
Tgt Ion:114 Resp: 599421
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 14.4 0.0 29.6





#35
Dibromofluoromethane
Concen: 49.322 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

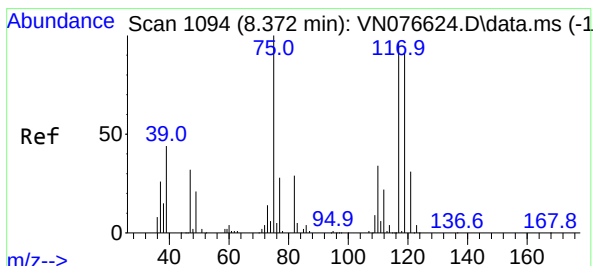
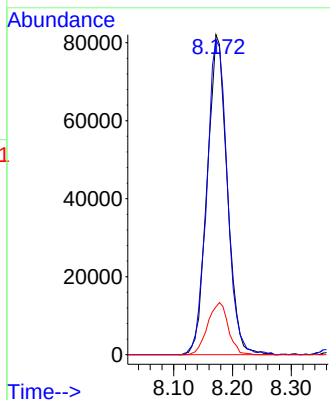
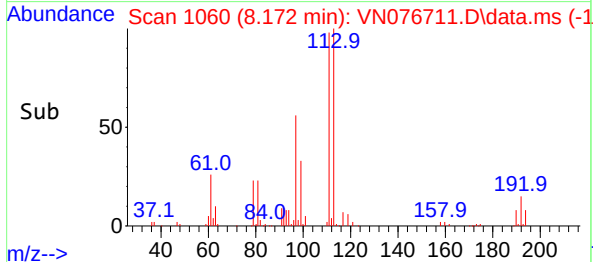
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



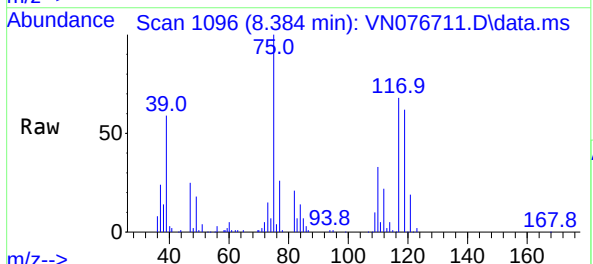
Tgt Ion: 113 Resp: 19361
Ion Ratio Lower Upper
113 100
111 100.8 83.1 124.7
192 16.8 15.6 23.4

Manual Integrations
APPROVED

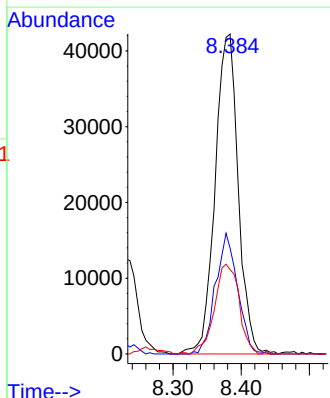
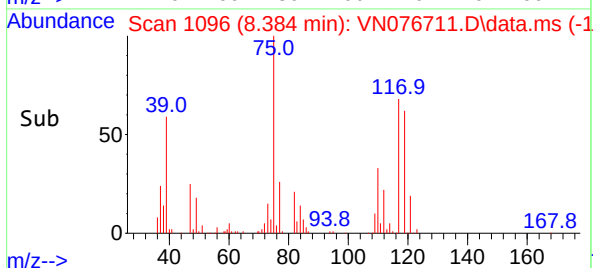
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

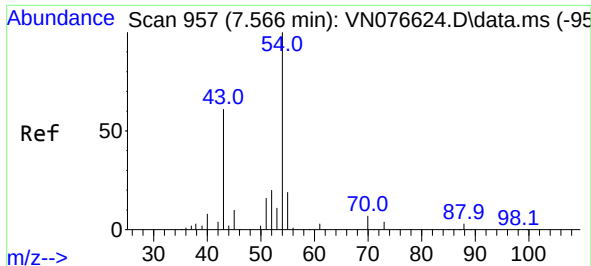


#36
1,1-Dichloropropene
Concen: 17.575 ug/l
RT: 8.384 min Scan# 1096
Delta R.T. 0.012 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 75 Resp: 99679
Ion Ratio Lower Upper
75 100
110 36.0 17.5 52.5
77 29.9 24.5 36.7





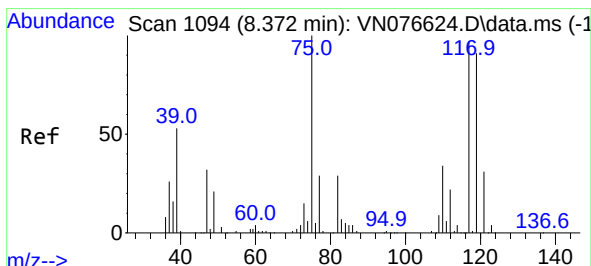
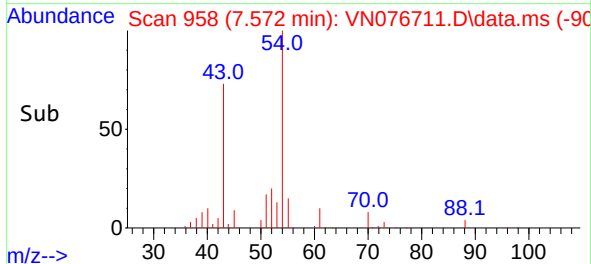
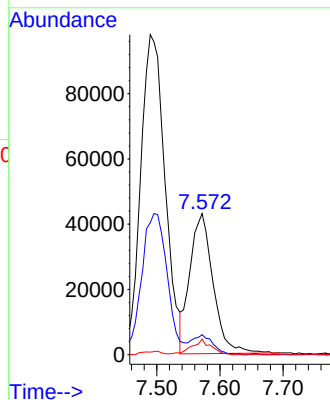
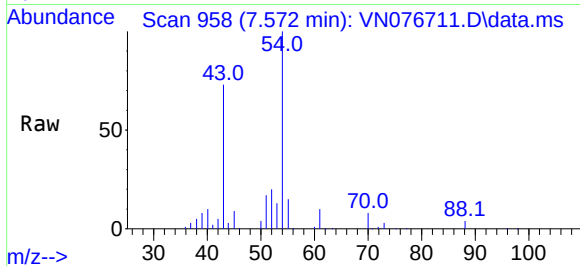
#37
Ethyl Acetate
Concen: 18.448 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 43 Resp: 110080
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 9.2 7.8 11.6

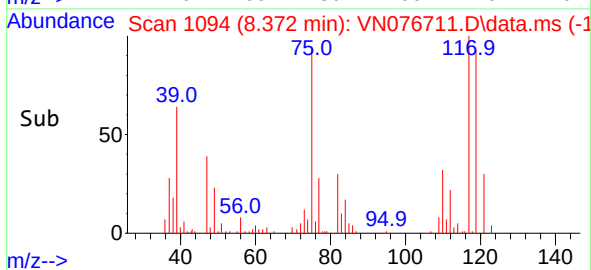
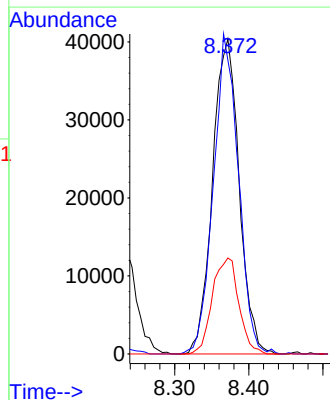
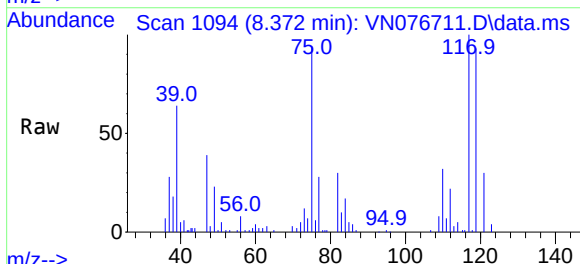
Manual Integrations
APPROVED

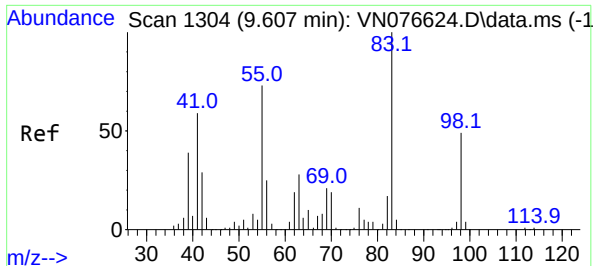
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Carbon Tetrachloride
Concen: 17.605 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

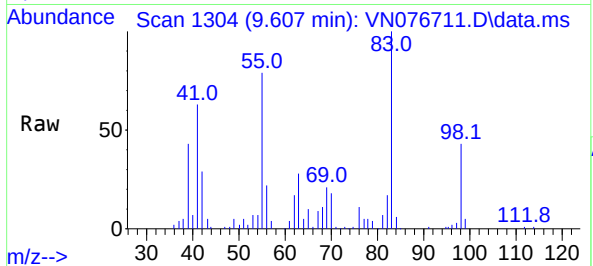
Tgt Ion:117 Resp: 100727
Ion Ratio Lower Upper
117 100
119 93.2 75.4 113.0
121 30.5 26.0 39.0





#39
Methylcyclohexane
Concen: 18.713 ug/l
RT: 9.607 min Scan# 11304
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

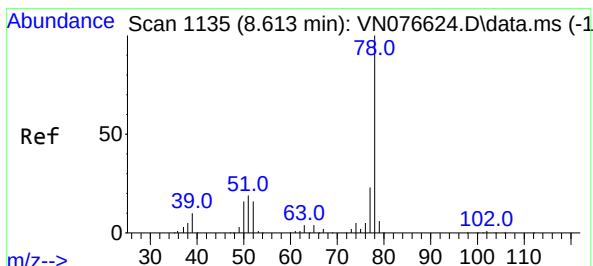
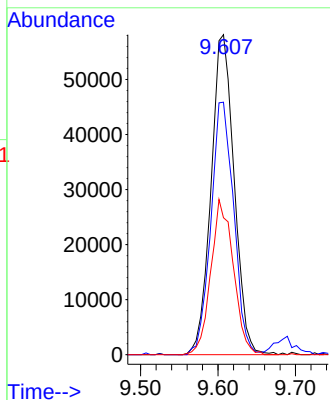
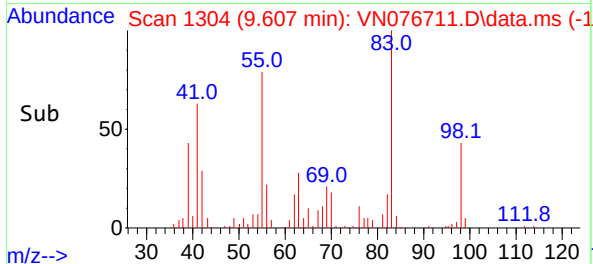
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



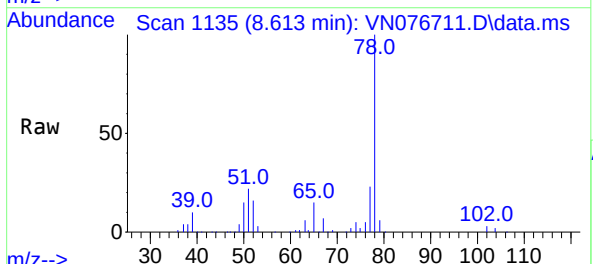
Tgt Ion: 83 Resp: 12064
Ion Ratio Lower Upper
83 100
55 78.9 58.6 88.0
98 42.8 39.4 59.2

Manual Integrations
APPROVED

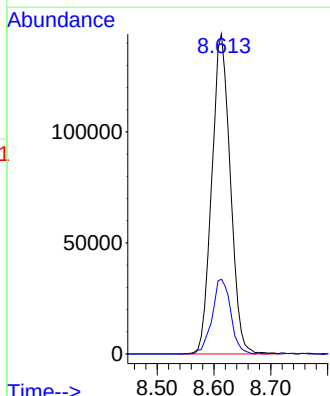
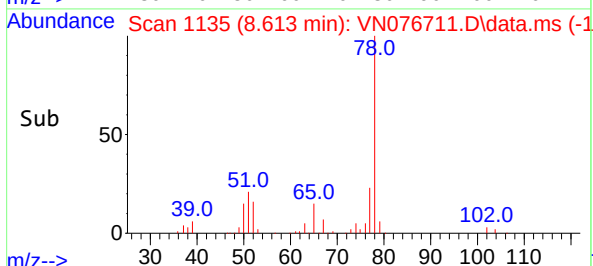
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

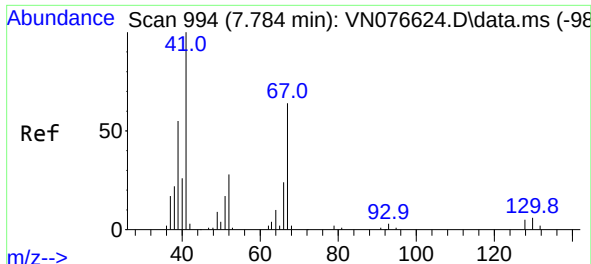


#40
Benzene
Concen: 18.698 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



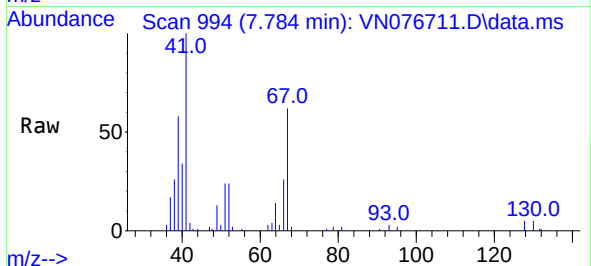
Tgt Ion: 78 Resp: 325671
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4





#41
Methacrylonitrile
Concen: 18.543 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

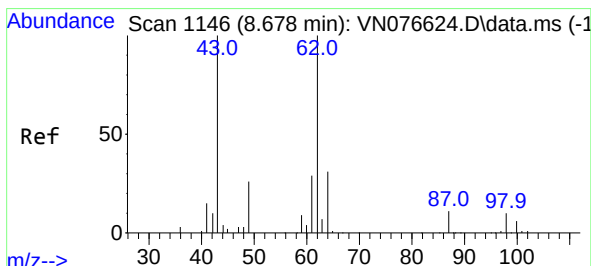
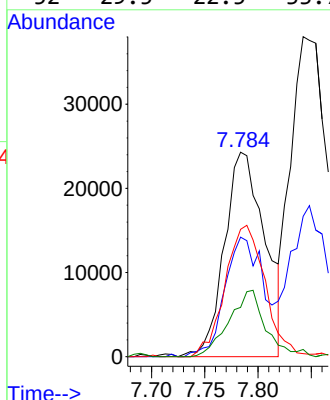
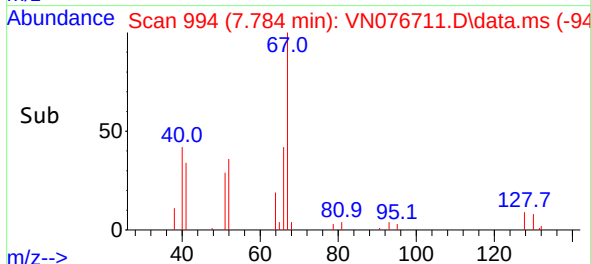
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



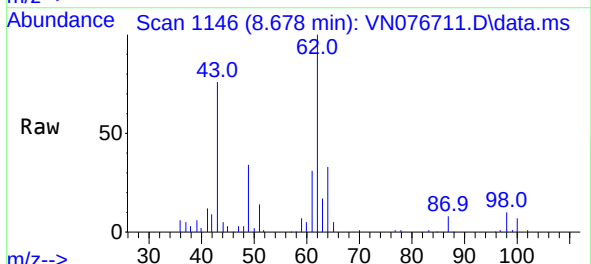
Tgt Ion: 41 Resp: 64104
Ion Ratio Lower Upper
41 100
39 54.7 42.6 63.8
67 63.8 51.4 77.0
52 29.5 22.5 33.7

Manual Integrations
APPROVED

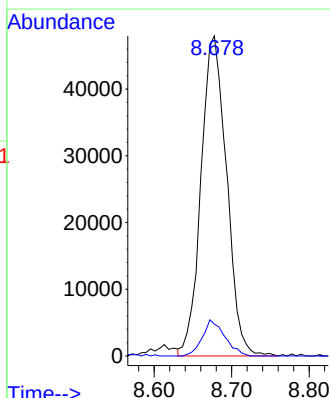
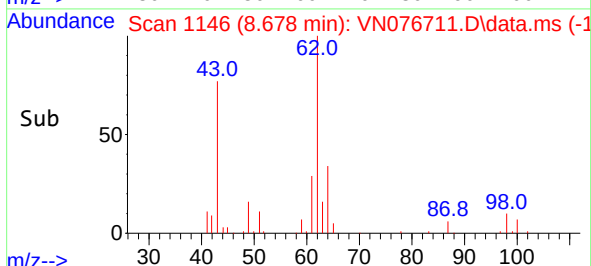
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

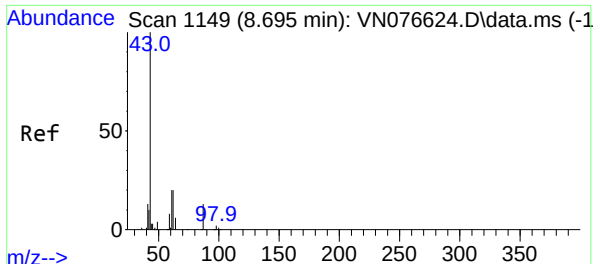


#42
1,2-Dichloroethane
Concen: 18.125 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



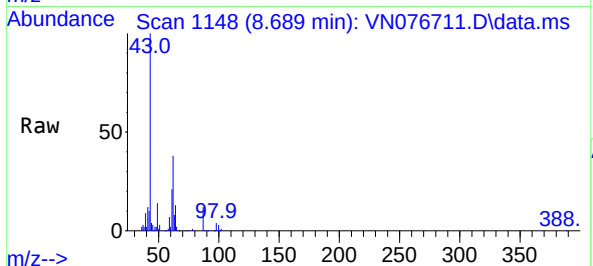
Tgt Ion: 62 Resp: 110100
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2





#43
Isopropyl Acetate
Concen: 19.289 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

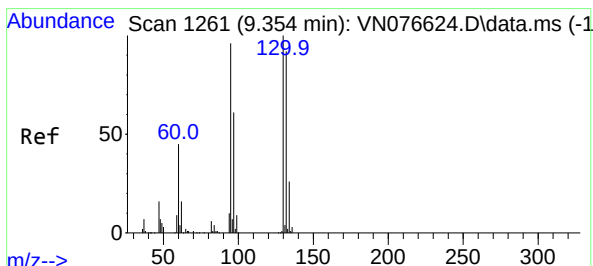
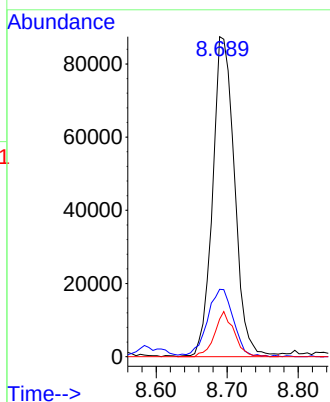
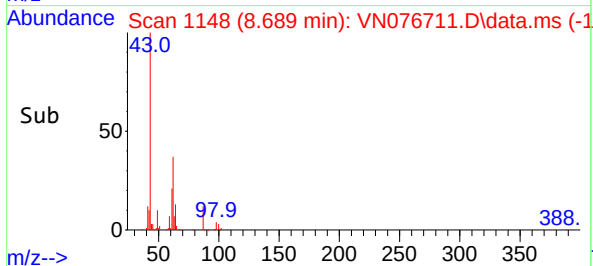
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



Tgt Ion: 43 Resp: 187304
Ion Ratio Lower Upper
43 100
61 25.1 20.0 30.0
87 12.6 9.9 14.9

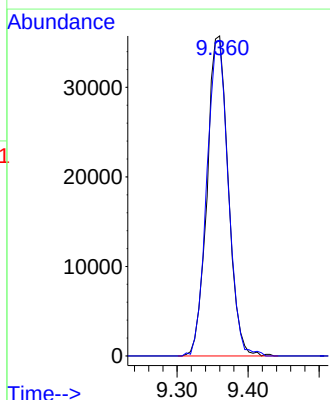
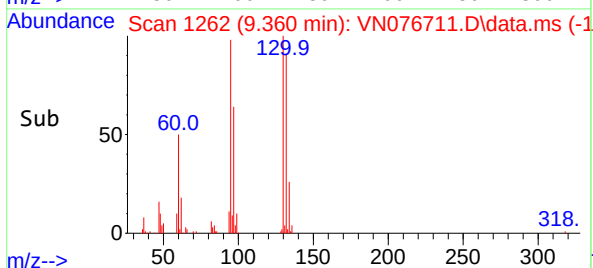
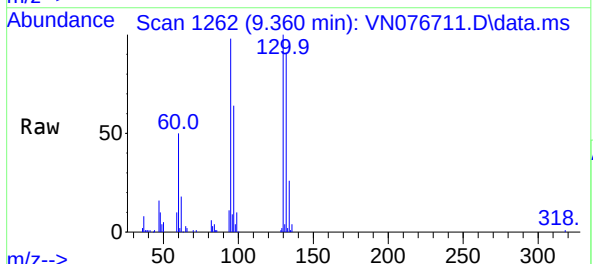
Manual Integrations
APPROVED

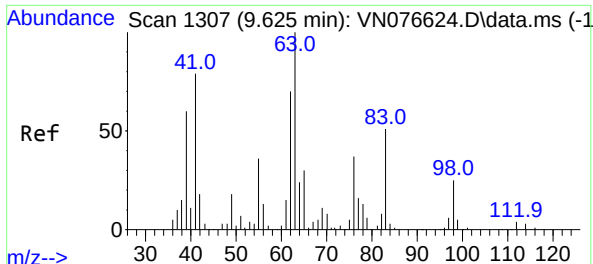
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
Trichloroethene
Concen: 17.957 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion:130 Resp: 73908
Ion Ratio Lower Upper
130 100
95 98.4 0.0 191.4





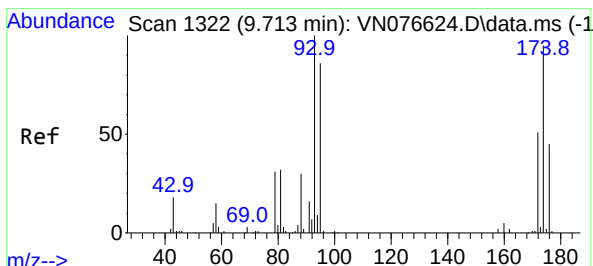
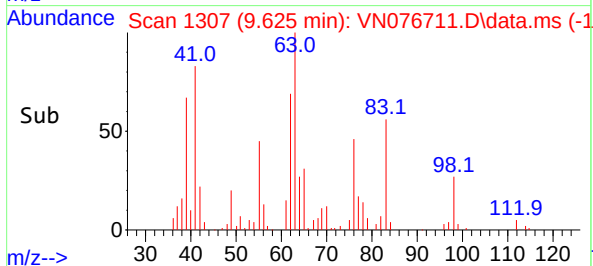
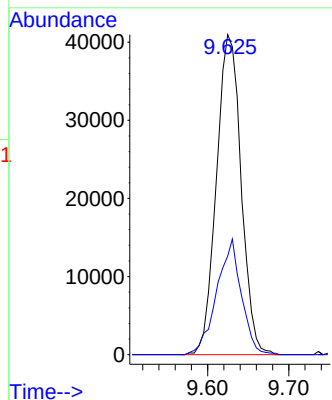
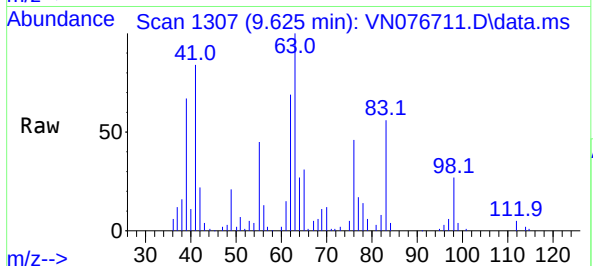
#45
1,2-Dichloropropane
Concen: 18.784 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 63 Resp: 86600
Ion Ratio Lower Upper
63 100
65 30.8 24.2 36.2

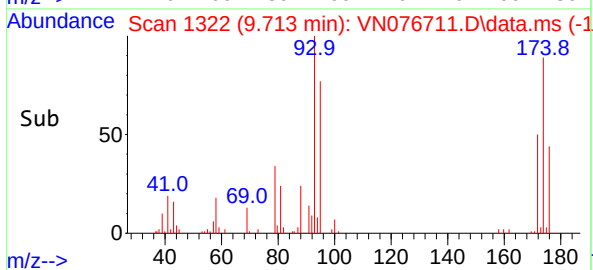
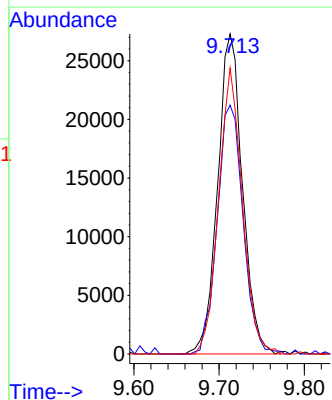
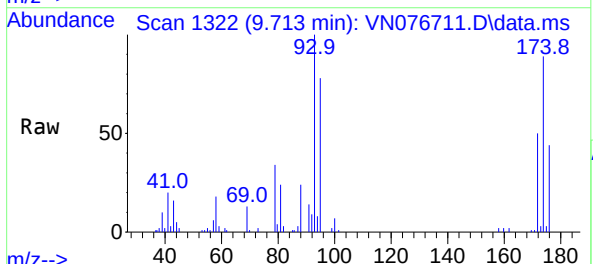
Manual Integrations
APPROVED

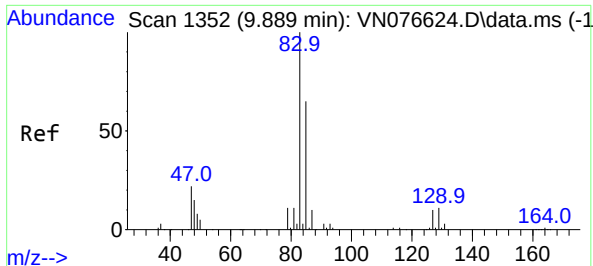
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#46
Dibromomethane
Concen: 18.714 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

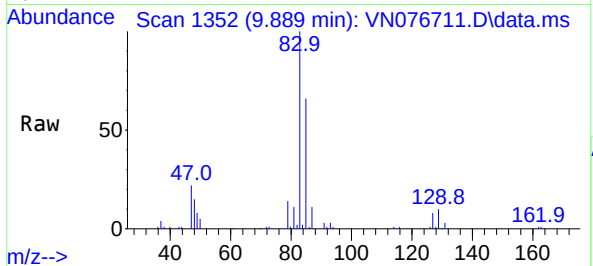
Tgt Ion: 93 Resp: 55161
Ion Ratio Lower Upper
93 100
95 81.2 66.0 99.0
174 85.1 75.8 113.8





#47
Bromodichloromethane
Concen: 18.357 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

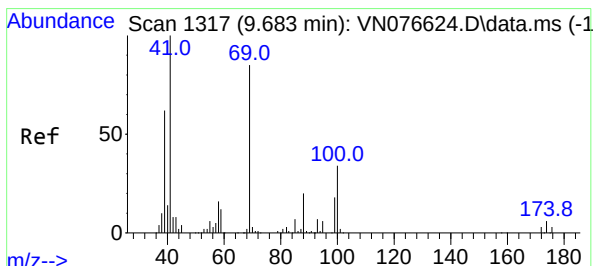
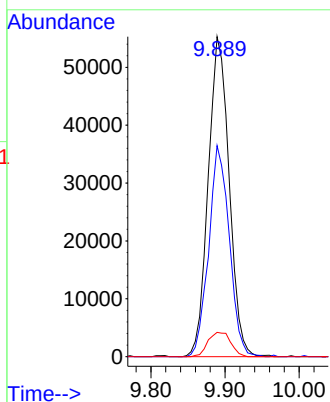
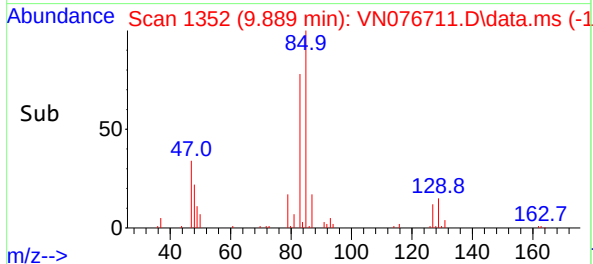
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



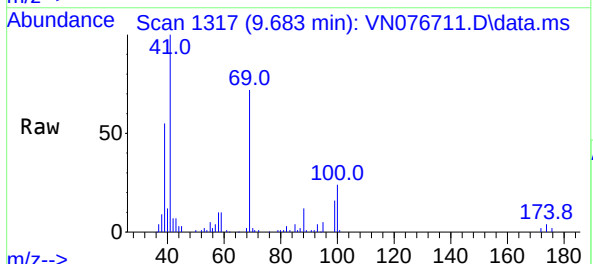
Tgt Ion: 83 Resp: 10848
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.6
127 7.6 7.9 11.9

Manual Integrations
APPROVED

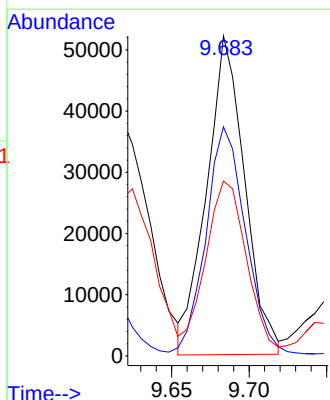
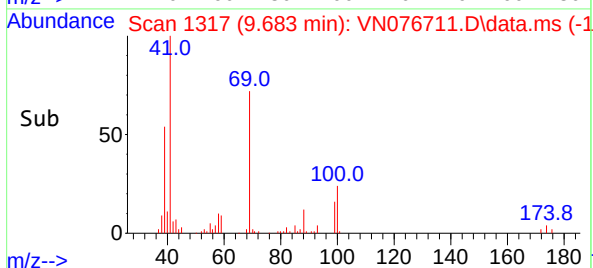
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

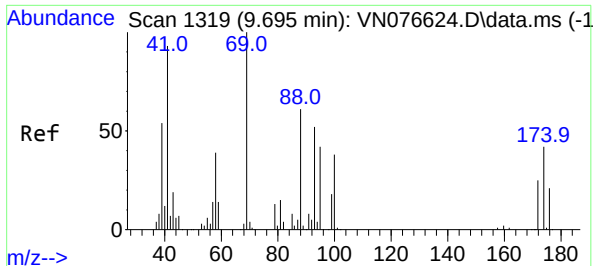


#48
Methyl methacrylate
Concen: 19.274 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



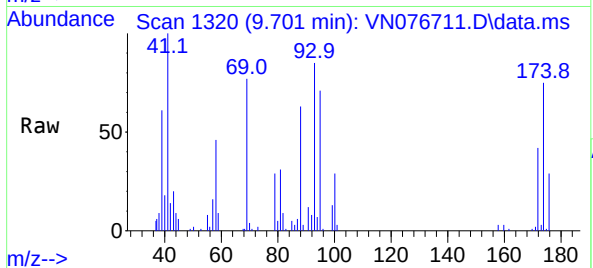
Tgt Ion: 41 Resp: 88810
Ion Ratio Lower Upper
41 100
69 76.5 65.4 98.0
39 60.1 49.3 73.9





#49
1,4-Dioxane
Concen: 324.442 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

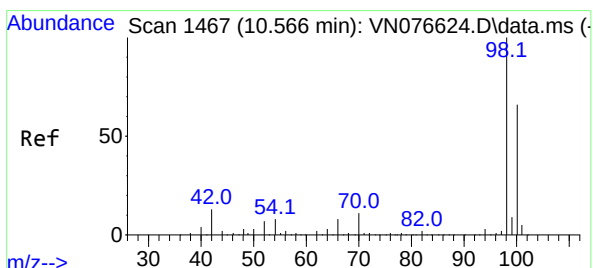
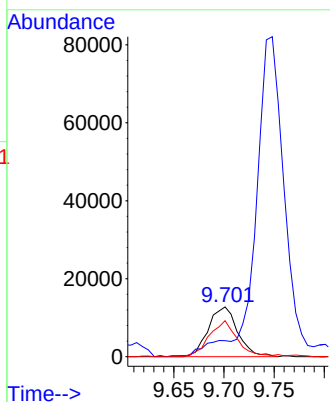
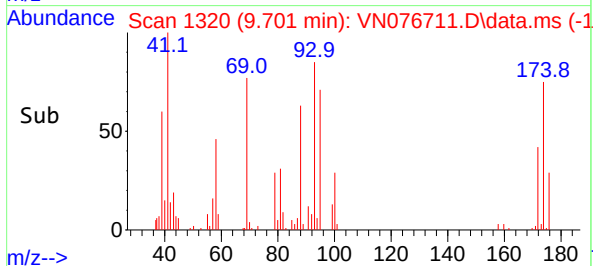
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



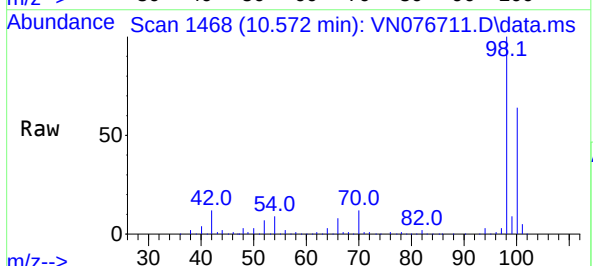
Tgt Ion: 88 Resp: 25860
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8
58 70.0 57.6 86.4

Manual Integrations
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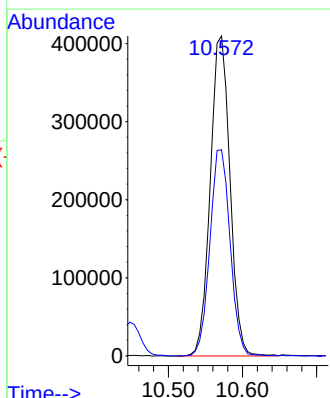
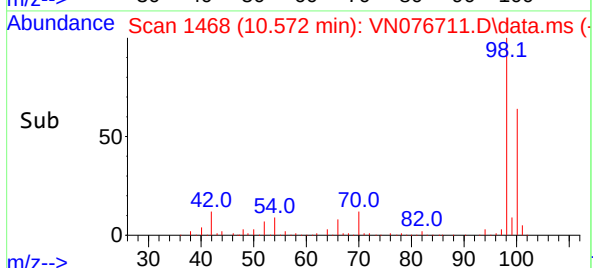
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

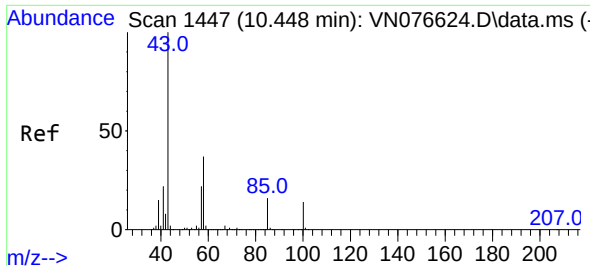


#50
Toluene-d8
Concen: 51.618 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



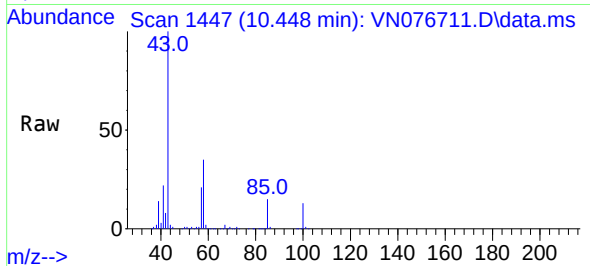
Tgt Ion: 98 Resp: 756711
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 93.725 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

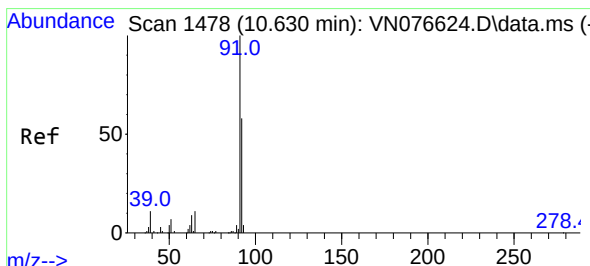
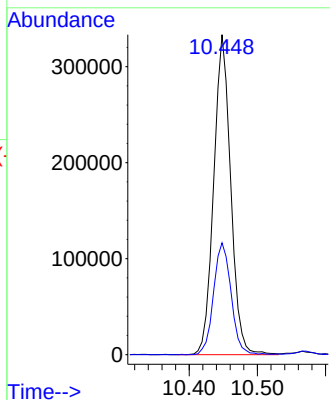
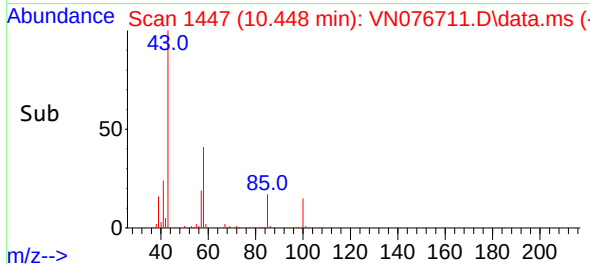
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



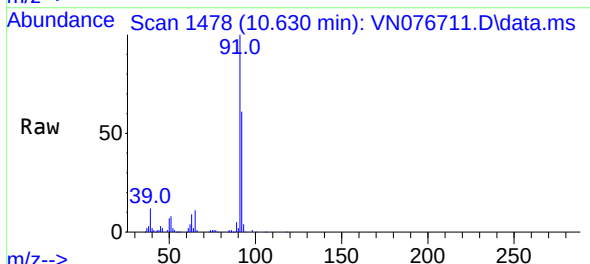
Tgt Ion: 43 Resp: 579040
Ion Ratio Lower Upper
43 100
58 36.1 29.5 44.3

Manual Integrations
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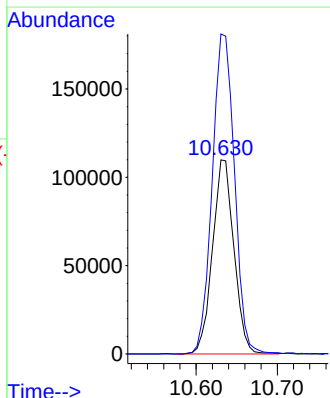
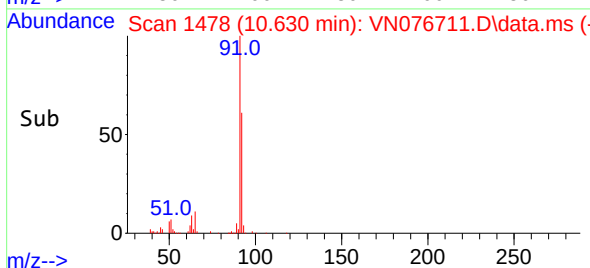
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

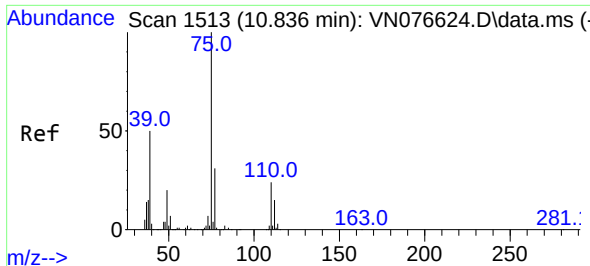


#52
Toluene
Concen: 19.196 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 92 Resp: 201862
Ion Ratio Lower Upper
92 100
91 171.4 138.0 207.0





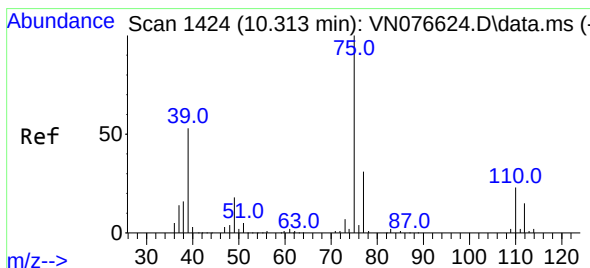
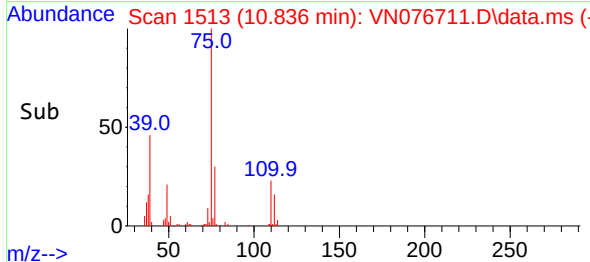
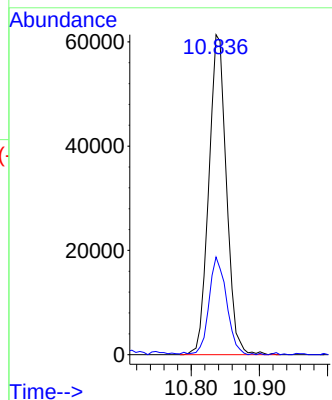
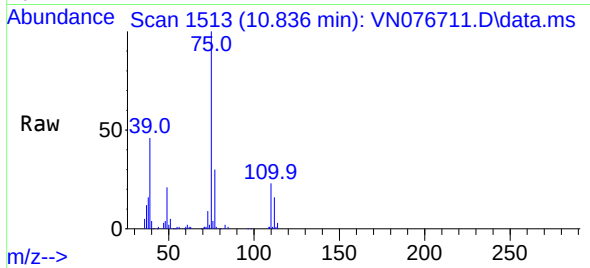
#53
t-1,3-Dichloropropene
Concen: 19.364 ug/l
RT: 10.836 min Scan# 110452
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 75 Resp: 110452
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

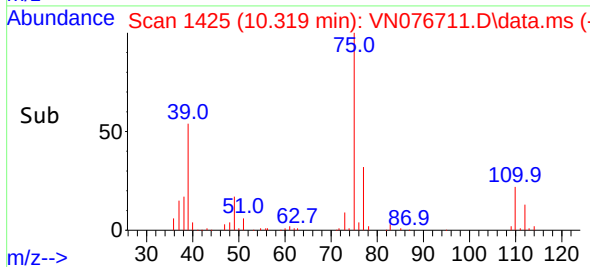
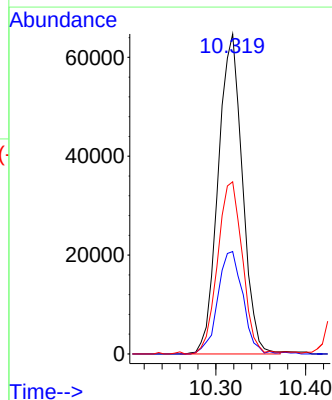
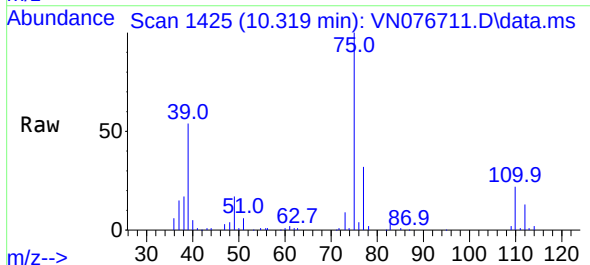
Manual Integrations
APPROVED

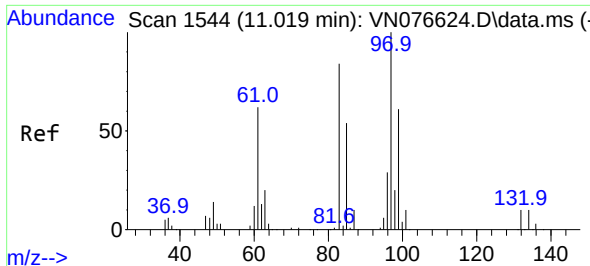
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
cis-1,3-Dichloropropene
Concen: 18.424 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

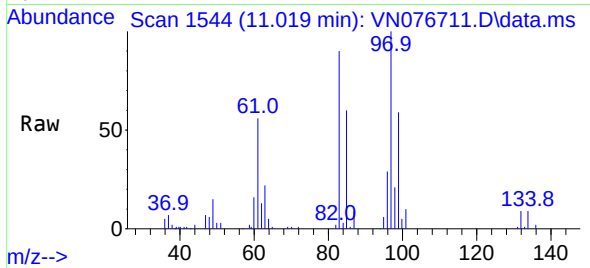
Tgt Ion: 75 Resp: 121222
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 53.3 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 18.829 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

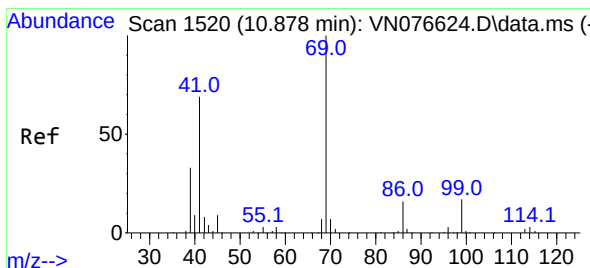
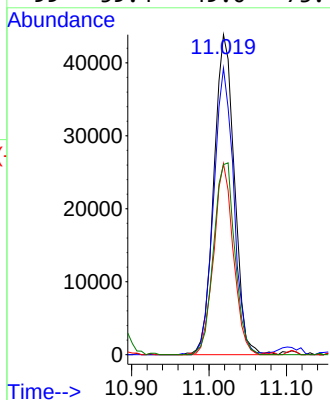
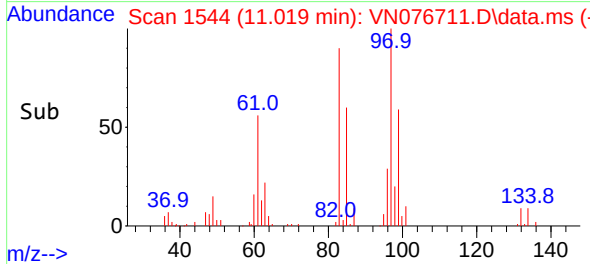


Tgt Ion: 97 Resp: 80514

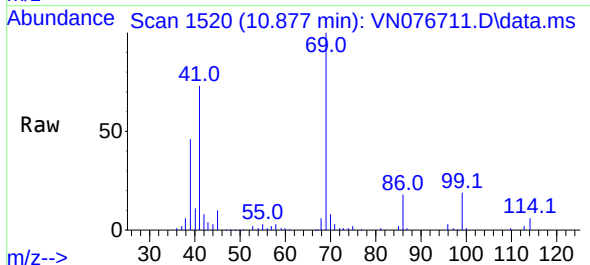
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.3	100.9
85	59.7	43.2	64.8
99	59.4	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

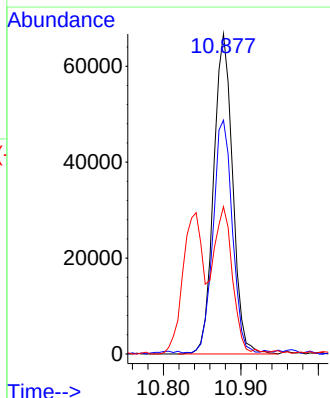
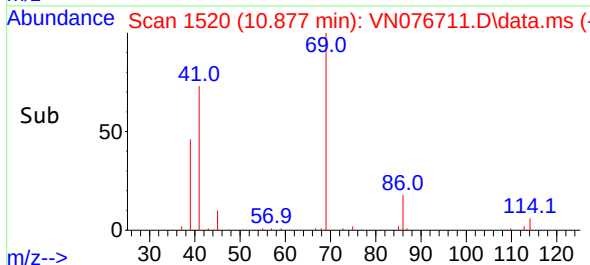


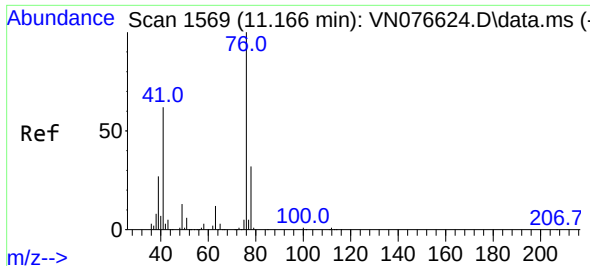
#56
Ethyl methacrylate
Concen: 18.887 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 69 Resp: 113677

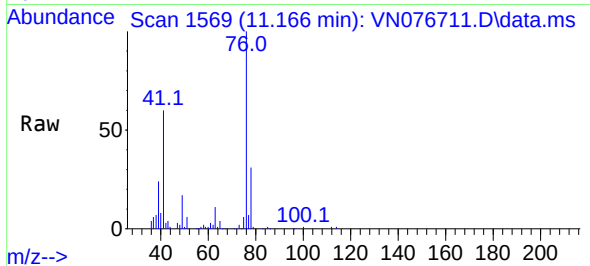
Ion	Ratio	Lower	Upper
69	100		
41	73.2	55.1	82.7
39	41.6	30.7	46.1





#57
1,3-Dichloropropane
Concen: 19.194 ug/l
RT: 11.166 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

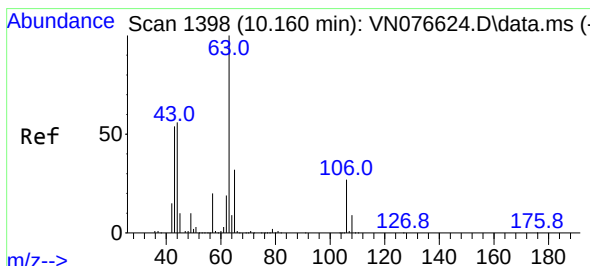
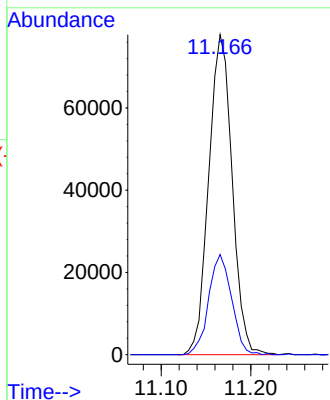
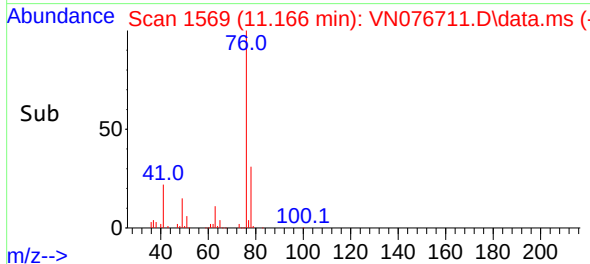
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



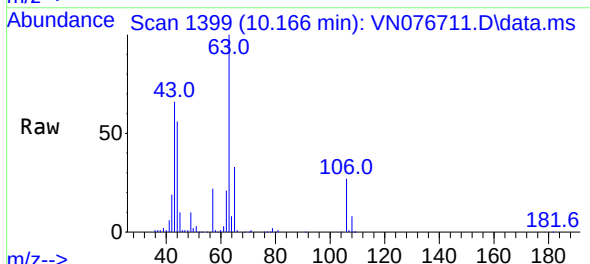
Tgt Ion: 76 Resp: 14100
Ion Ratio Lower Upper
76 100
78 30.7 26.1 39.1

Manual Integrations
APPROVED

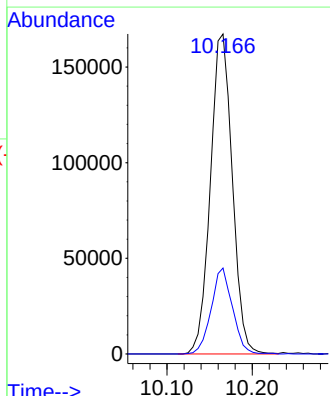
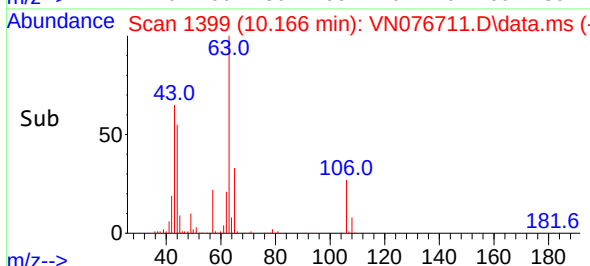
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

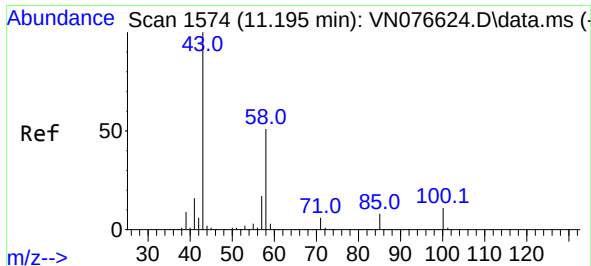


#58
2-Chloroethyl Vinyl ether
Concen: 108.498 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 63 Resp: 299071
Ion Ratio Lower Upper
63 100
106 26.0 22.3 33.5





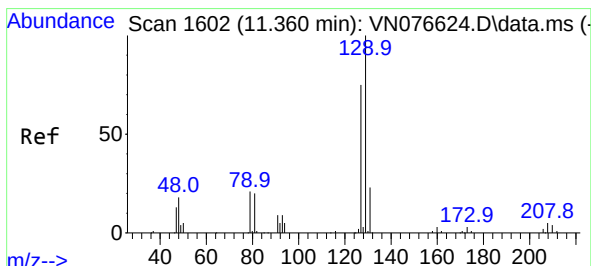
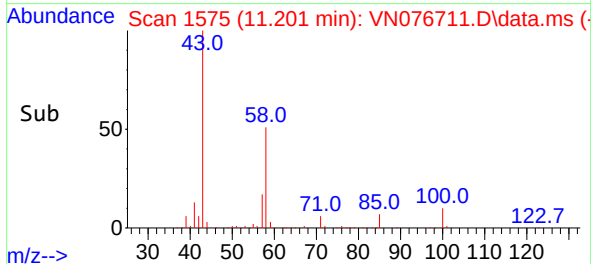
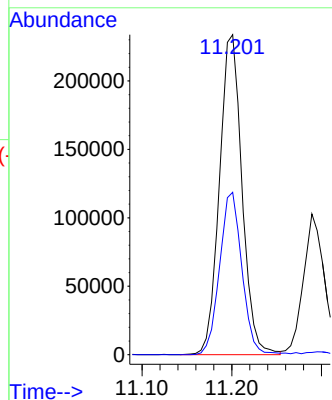
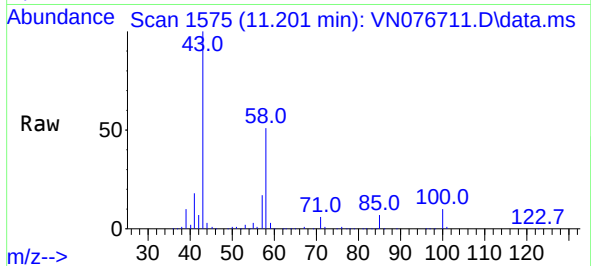
#59
2-Hexanone
Concen: 91.716 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 43 Resp: 40856
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.0

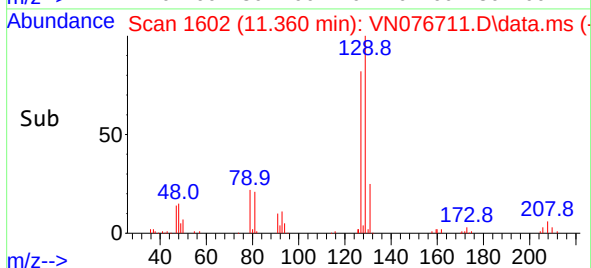
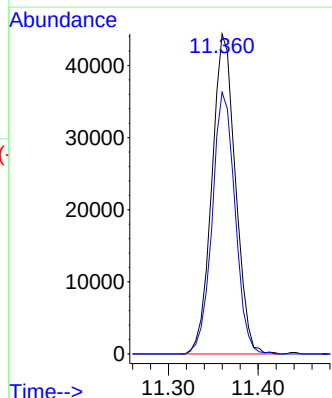
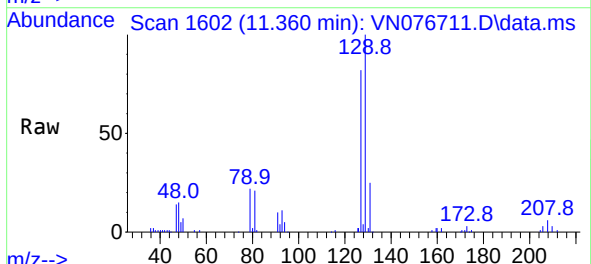
Manual Integrations
APPROVED

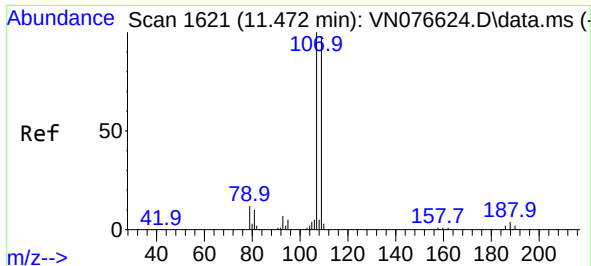
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
Dibromochloromethane
Concen: 17.949 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion:129 Resp: 80888
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4





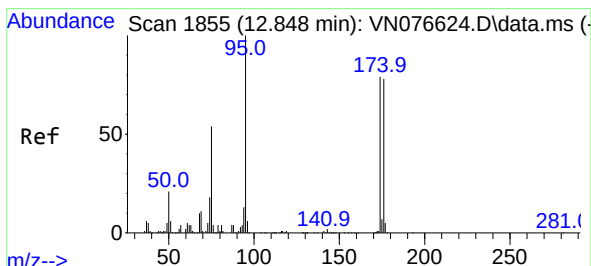
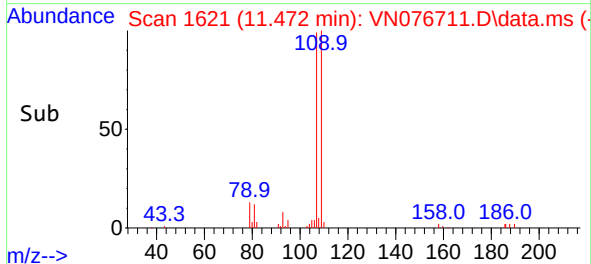
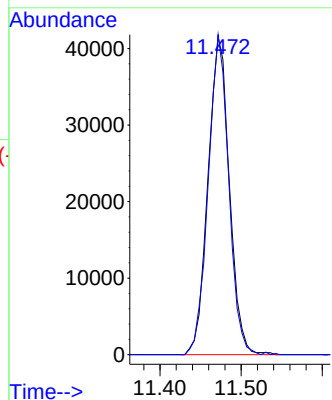
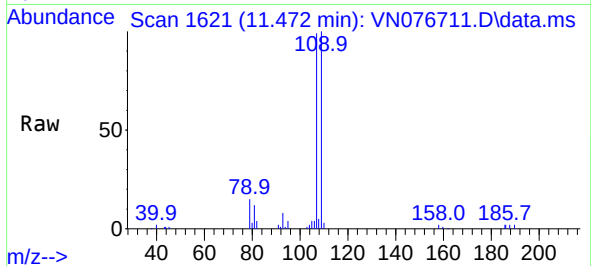
#61
1,2-Dibromoethane
Concen: 17.757 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:107 Resp: 7600
Ion Ratio Lower Upper
107 100
109 96.2 76.8 115.2

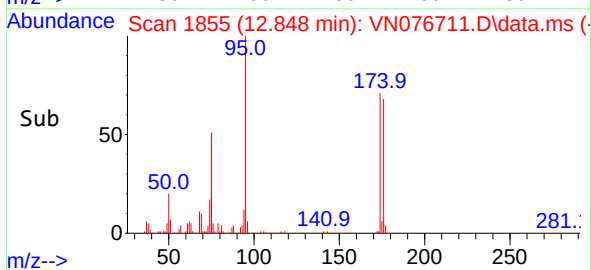
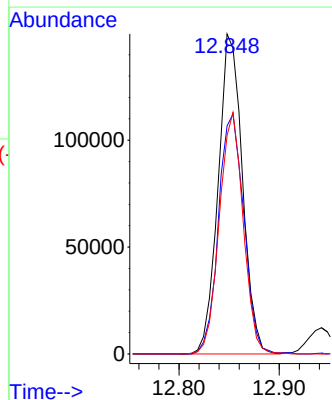
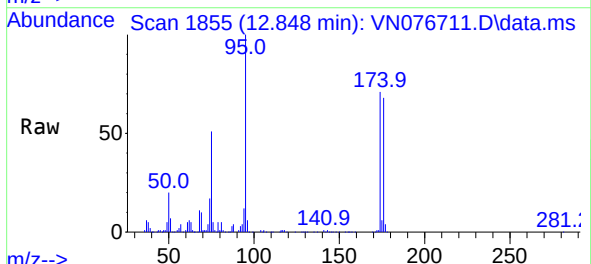
Manual Integrations
APPROVED

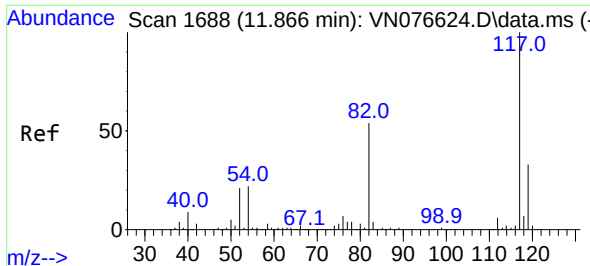
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#62
4-Bromofluorobenzene
Concen: 51.676 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion: 95 Resp: 250910
Ion Ratio Lower Upper
95 100
174 78.4 0.0 169.2
176 74.3 0.0 163.4





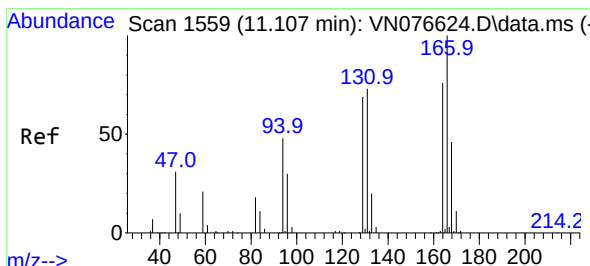
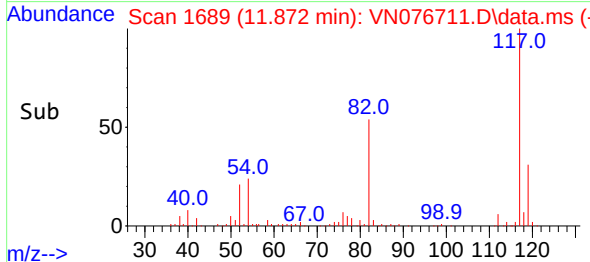
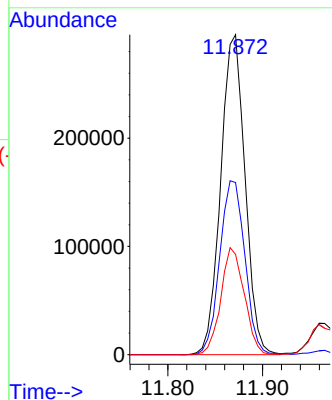
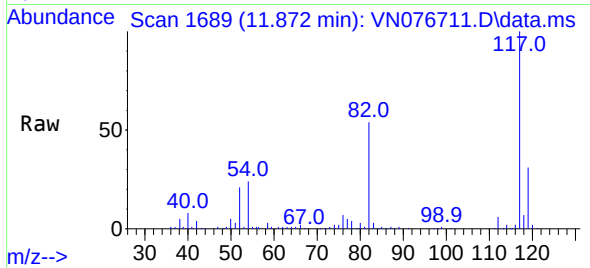
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:117 Resp: 52874
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.2
119 31.4 26.1 39.1

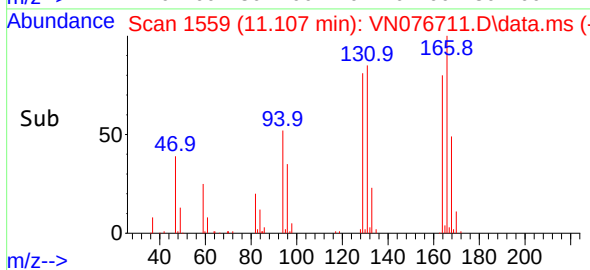
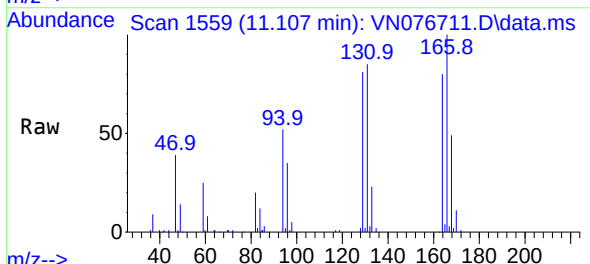
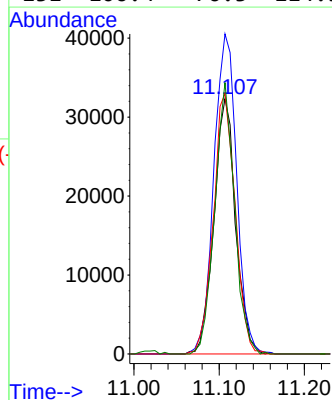
Manual Integrations
APPROVED

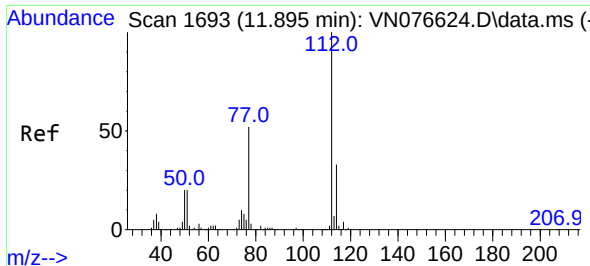
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
Tetrachloroethene
Concen: 17.174 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

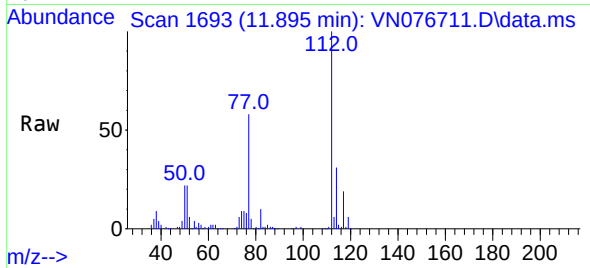
Tgt Ion:164 Resp: 57225
Ion Ratio Lower Upper
164 100
166 125.4 104.8 157.2
129 102.2 72.2 108.2
131 106.4 76.3 114.5





#65
Chlorobenzene
Concen: 18.655 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

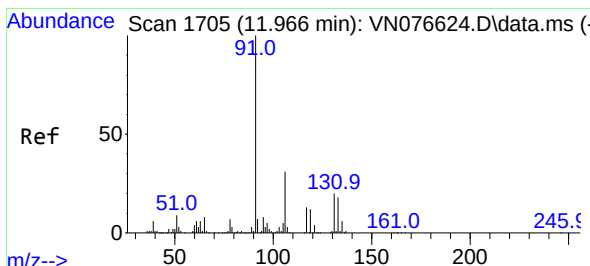
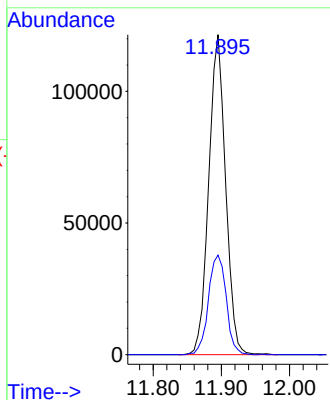
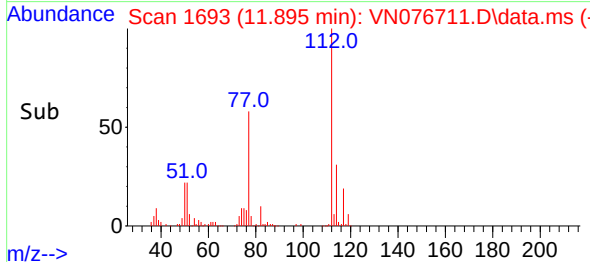
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



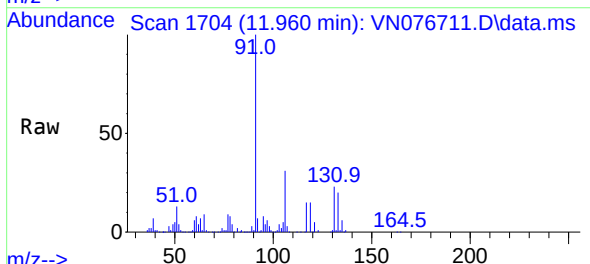
Tgt Ion:112 Resp: 20904
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6

Manual Integrations
APPROVED

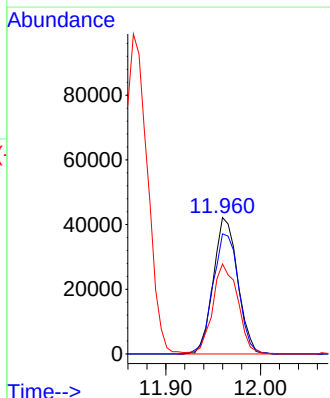
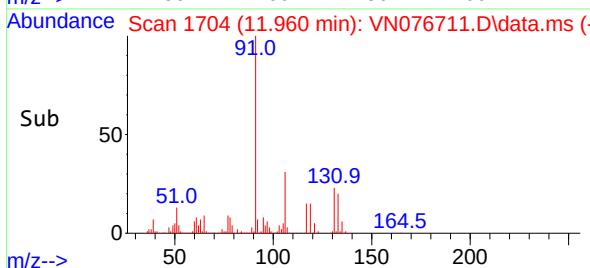
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

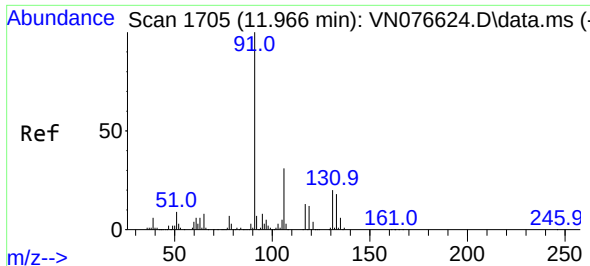


#66
1,1,1,2-Tetrachloroethane
Concen: 18.494 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



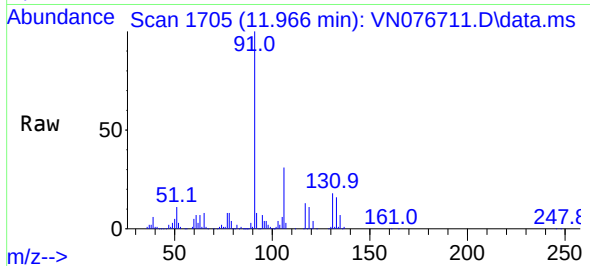
Tgt Ion:131 Resp: 75275
Ion Ratio Lower Upper
131 100
133 92.6 47.0 141.0
119 68.2 32.3 96.8





#67
Ethyl Benzene
Concen: 19.892 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

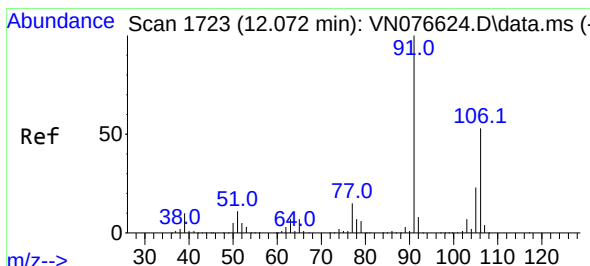
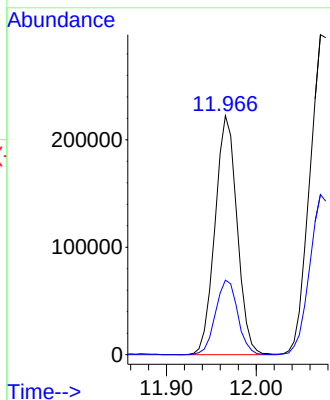
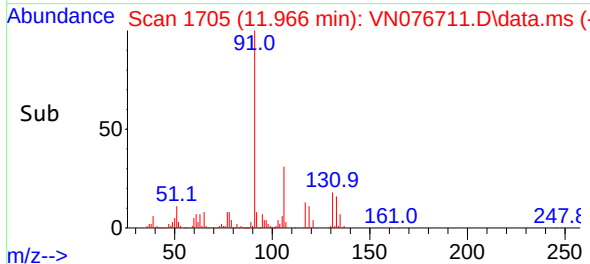
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



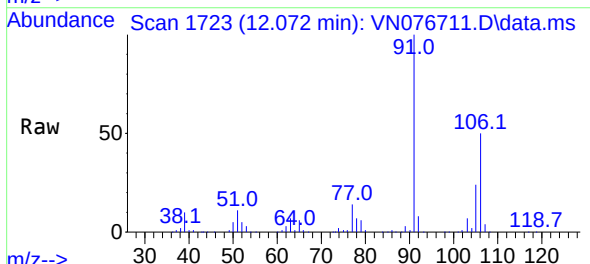
Tgt Ion: 91 Resp: 379739
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

Manual Integrations
APPROVED

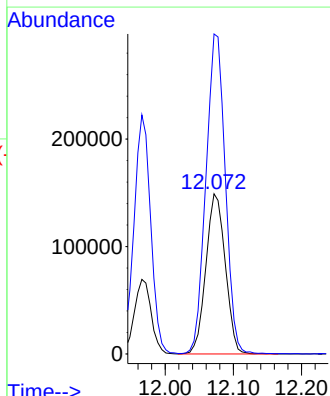
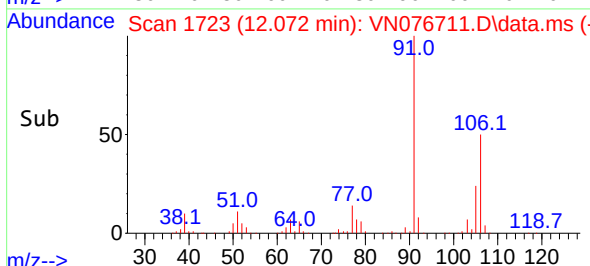
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

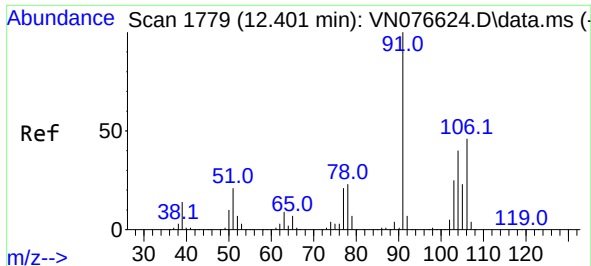


#68
m/p-Xylenes
Concen: 40.058 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion:106 Resp: 294765
Ion Ratio Lower Upper
106 100
91 199.4 154.7 232.1





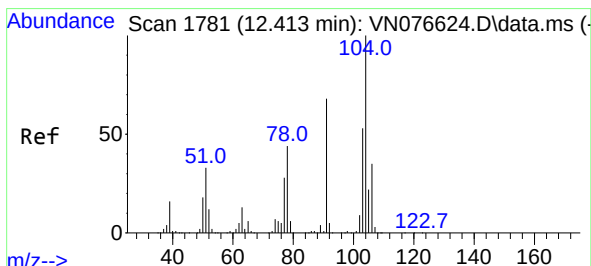
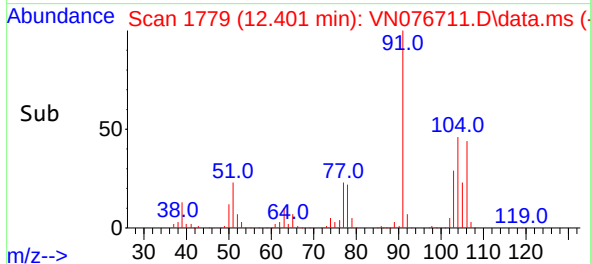
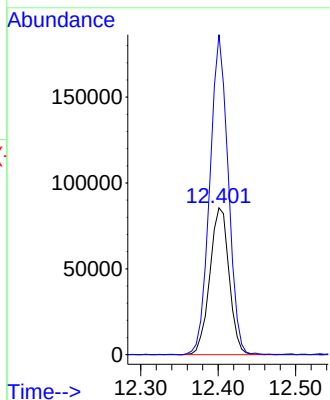
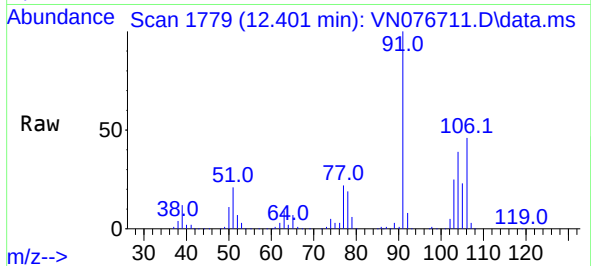
#69
o-Xylene
Concen: 20.623 ug/l
RT: 12.401 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:106 Resp: 148004
Ion Ratio Lower Upper
106 100
91 208.0 105.8 317.4

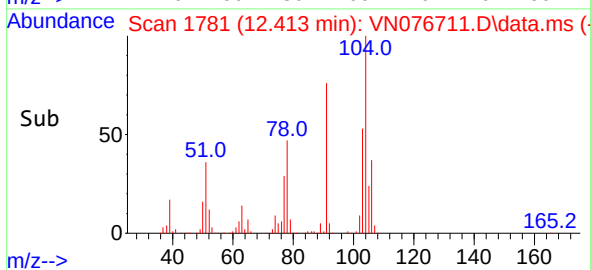
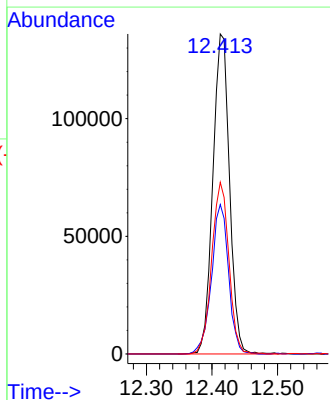
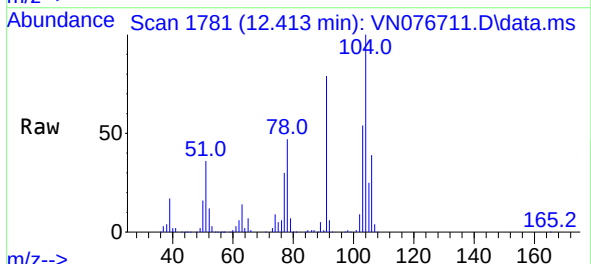
Manual Integrations
APPROVED

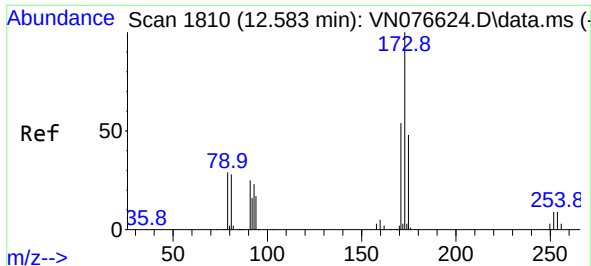
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Styrene
Concen: 20.671 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

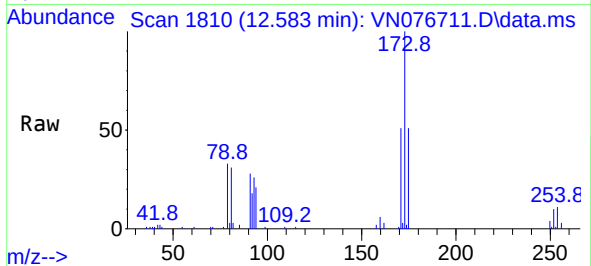
Tgt Ion:104 Resp: 239894
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 55.2 44.2 66.4





#71
Bromoform
Concen: 17.754 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

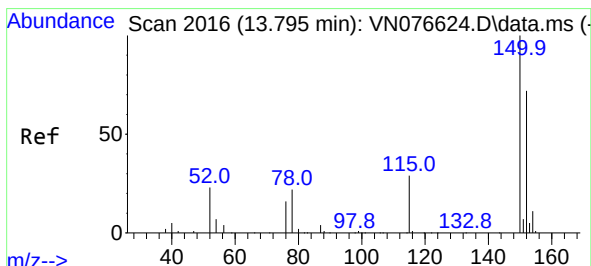
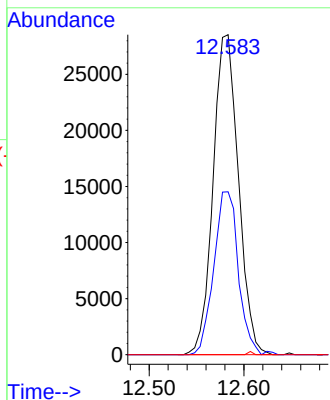
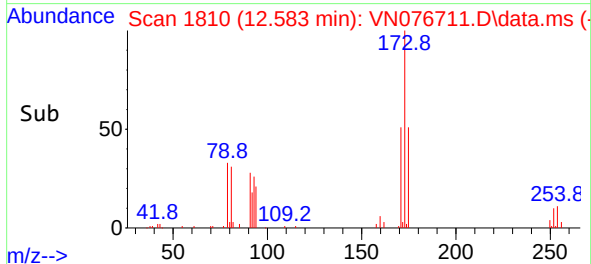
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



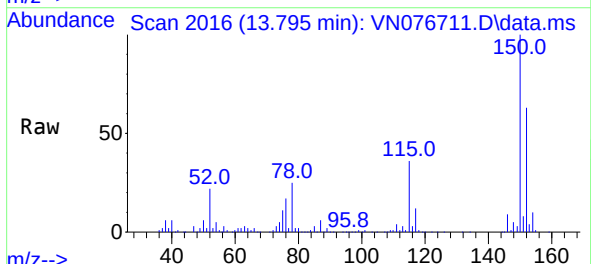
Tgt Ion:173 Resp: 53004
Ion Ratio Lower Upper
173 100
175 49.5 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

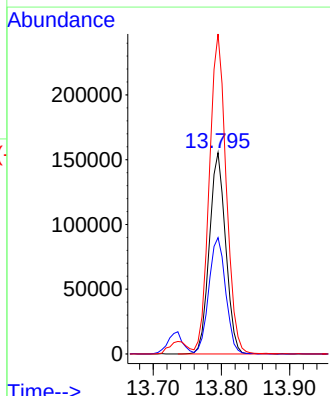
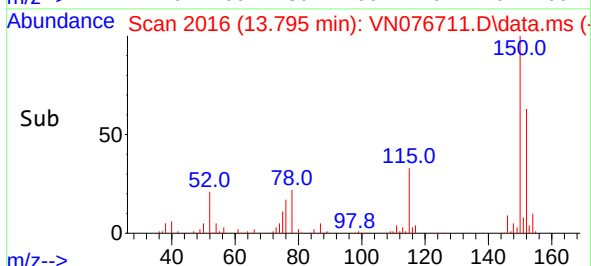
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

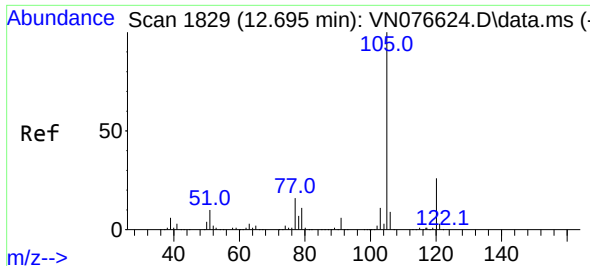


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion:152 Resp: 258240
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 165.0 0.0 349.8





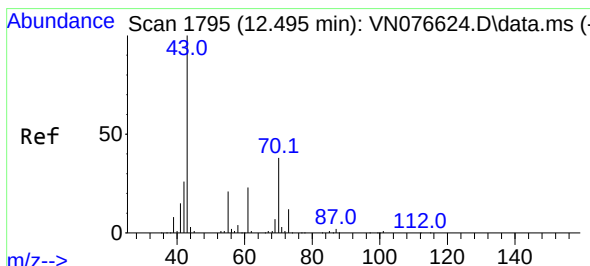
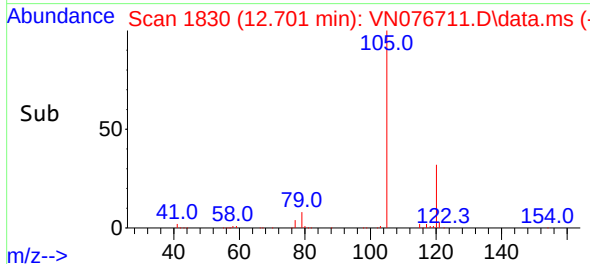
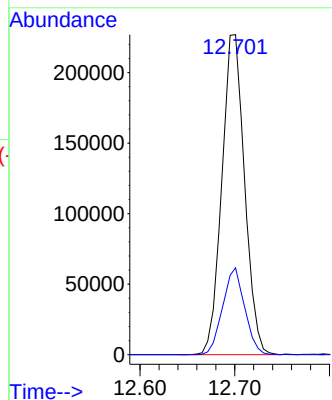
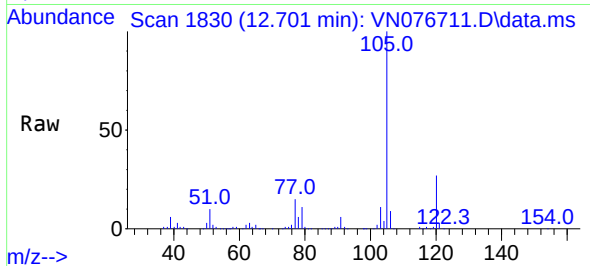
#73
Isopropylbenzene
Concen: 20.021 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:105 Resp: 378950
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0

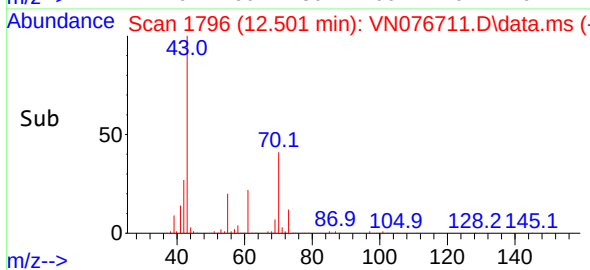
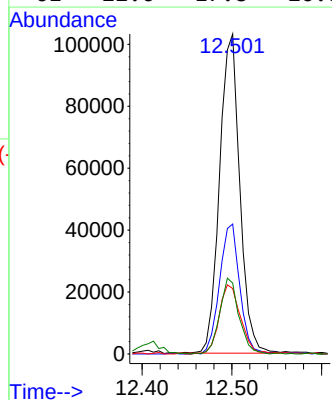
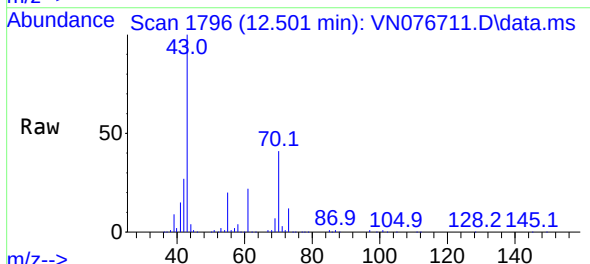
Manual Integrations
APPROVED

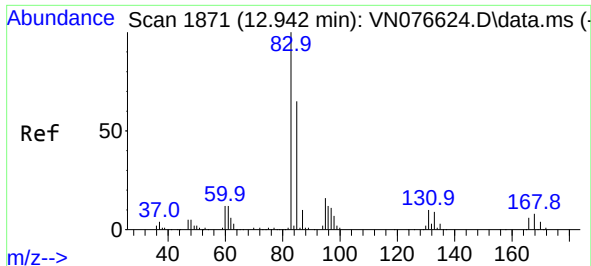
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#74
N-ethyl acetate
Concen: 18.928 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

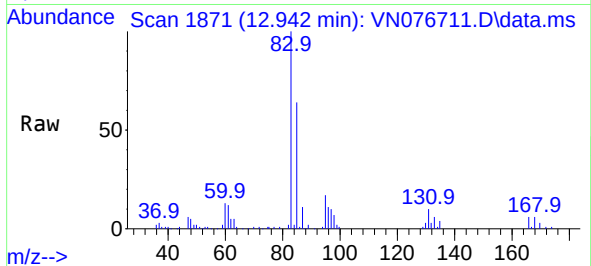
Tgt Ion: 43 Resp: 161486
Ion Ratio Lower Upper
43 100
70 40.6 30.5 45.7
55 23.5 17.8 26.8
61 22.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.934 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

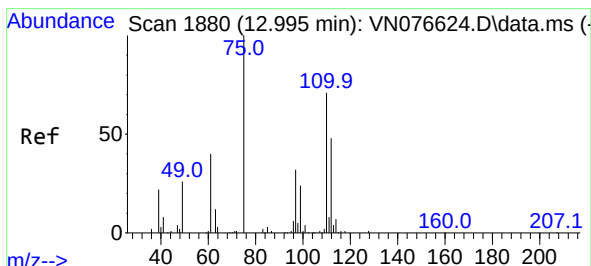
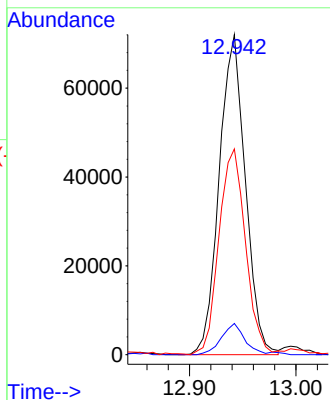
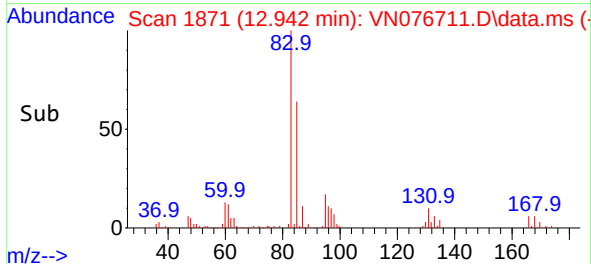
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



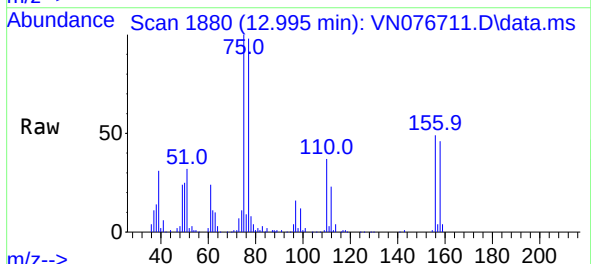
Tgt Ion: 83 Resp: 122874
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.8 31.8 95.3

Manual Integrations
APPROVED

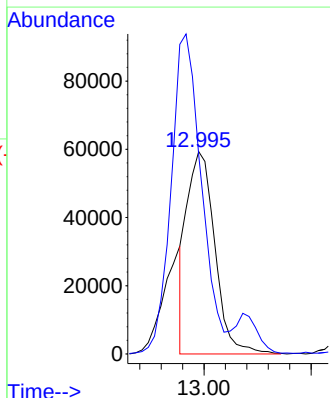
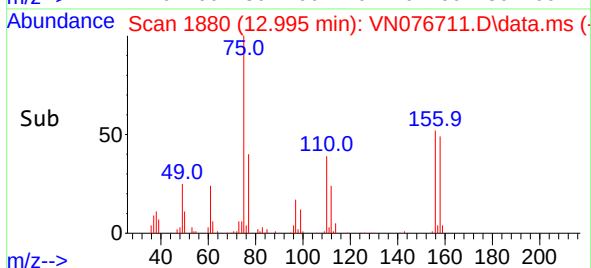
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

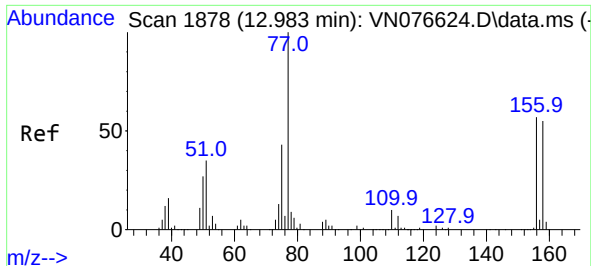


#76
1,2,3-Trichloropropane
Concen: 20.452 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 75 Resp: 106776
Ion Ratio Lower Upper
75 100
77 174.1 93.1 279.3





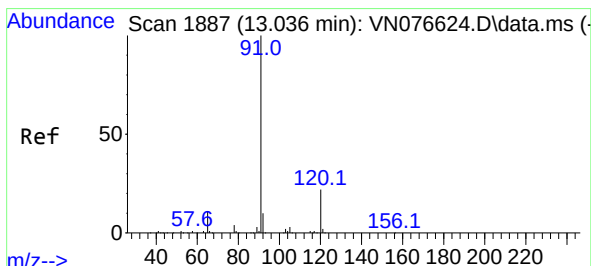
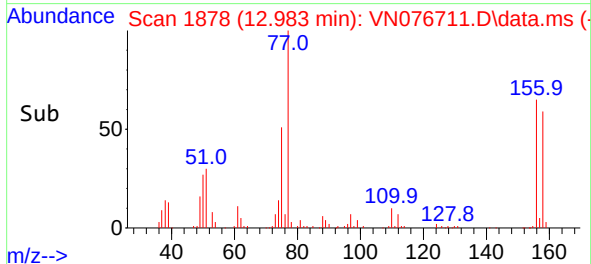
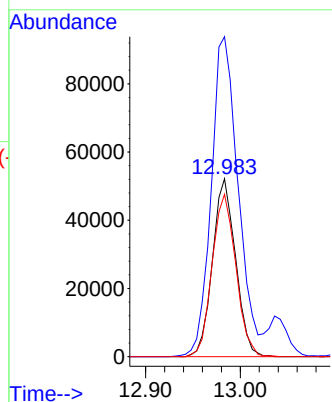
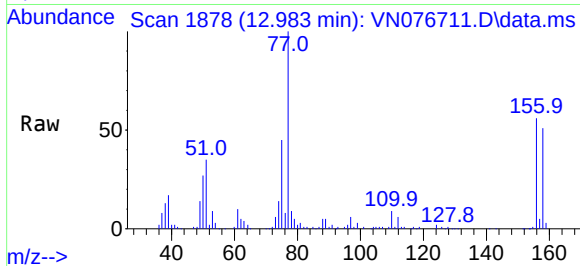
#77
Bromobenzene
Concen: 18.658 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:156 Resp: 8811
Ion Ratio Lower Upper
156 100
77 210.9 102.8 308.4
158 94.3 48.9 146.6

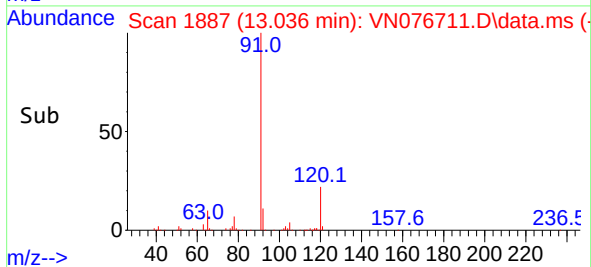
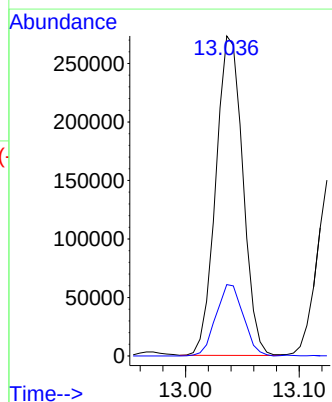
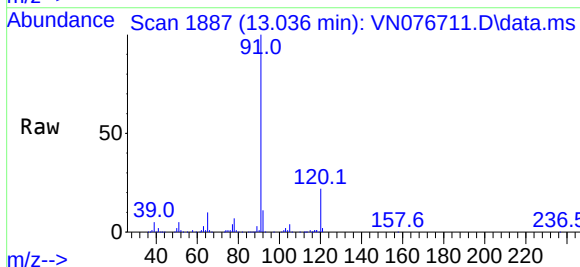
Manual Integrations
APPROVED

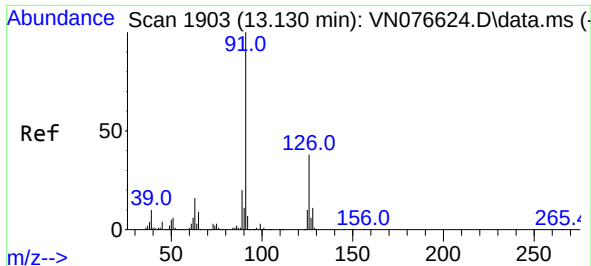
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#78
n-propylbenzene
Concen: 20.296 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion: 91 Resp: 451107
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





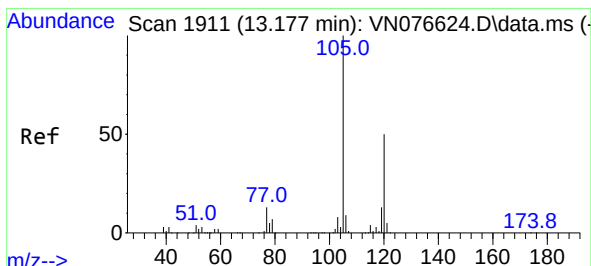
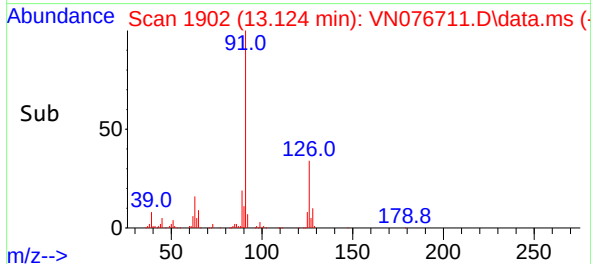
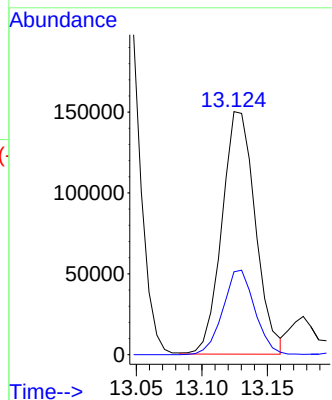
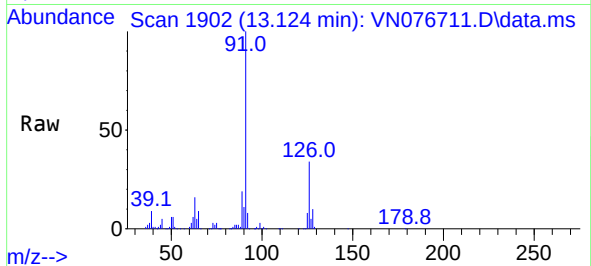
#79
2-Chlorotoluene
Concen: 19.539 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion: 91 Resp: 26590
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1

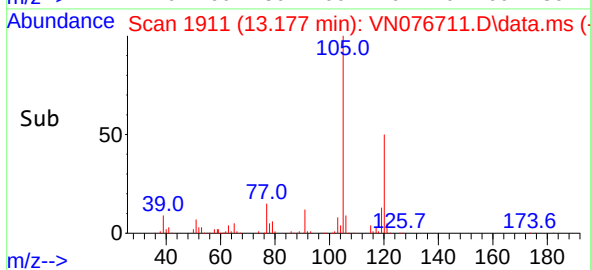
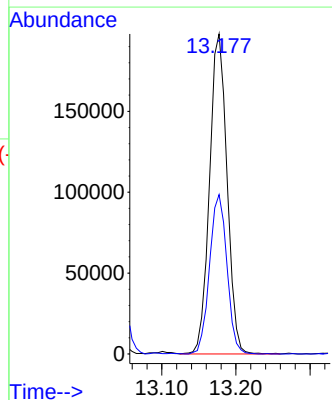
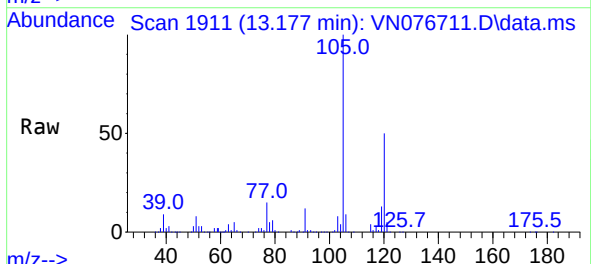
Manual Integrations
APPROVED

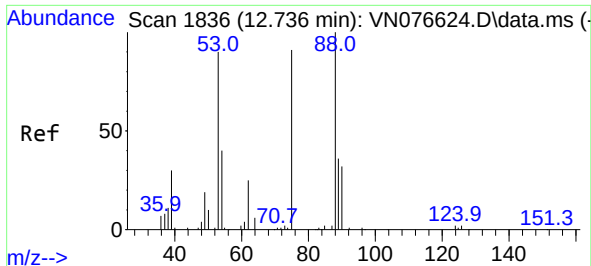
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.752 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

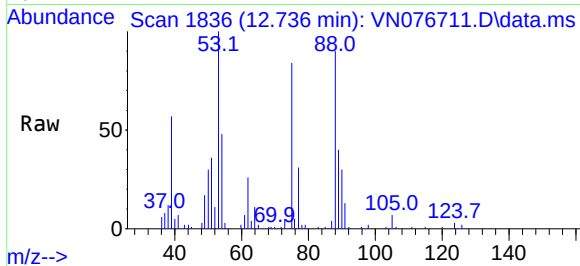
Tgt Ion:105 Resp: 324616
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.147 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

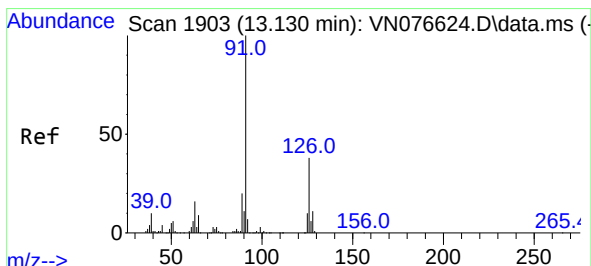
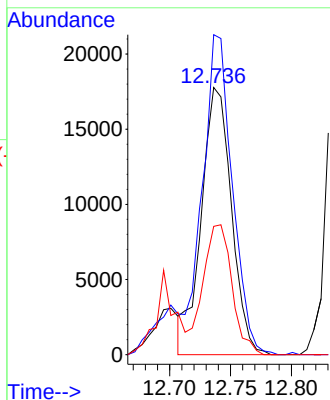
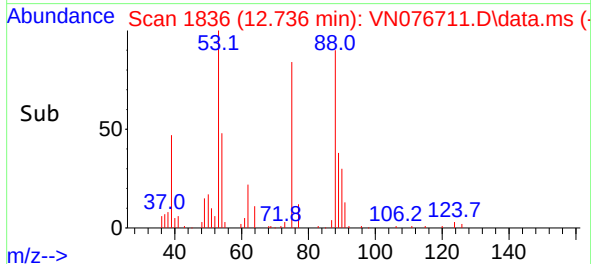
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



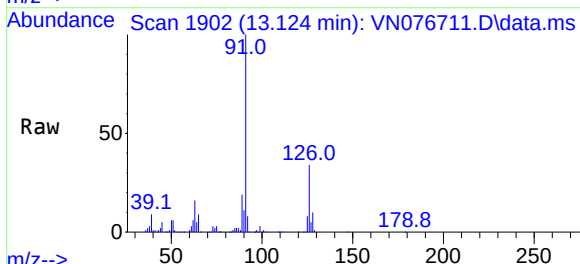
Tgt Ion: 75 Resp: 30730
Ion Ratio Lower Upper
75 100
53 134.4 92.1 138.1
89 46.9 37.5 56.3

Manual Integrations
APPROVED

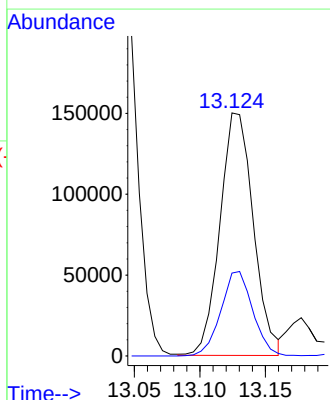
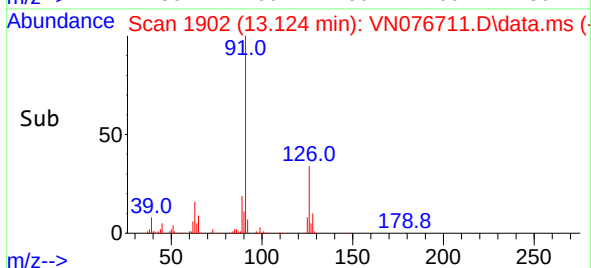
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

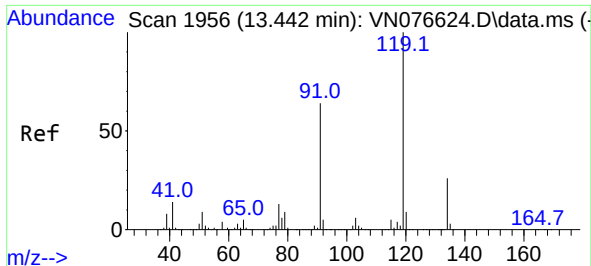


#82
4-Chlorotoluene
Concen: 19.539 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion: 91 Resp: 265901
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1





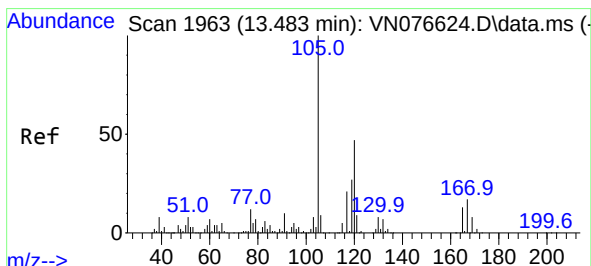
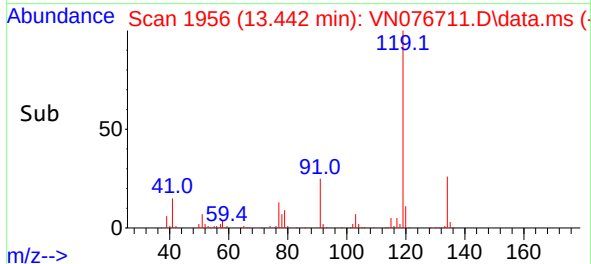
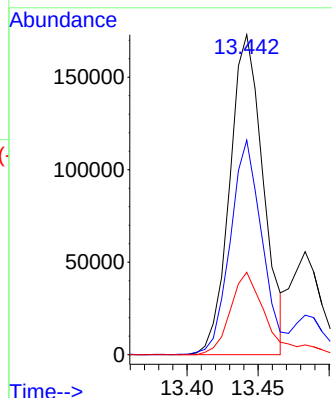
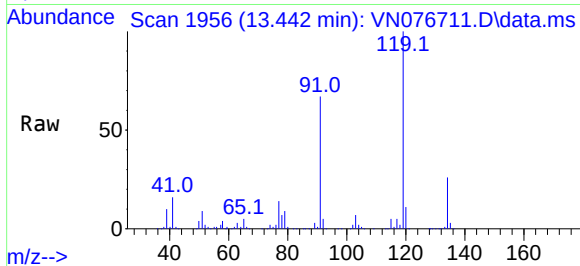
#83
tert-Butylbenzene
Concen: 20.100 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:119 Resp: 284440
Ion Ratio Lower Upper
119 100
91 64.3 32.0 96.2
134 27.7 13.8 41.4

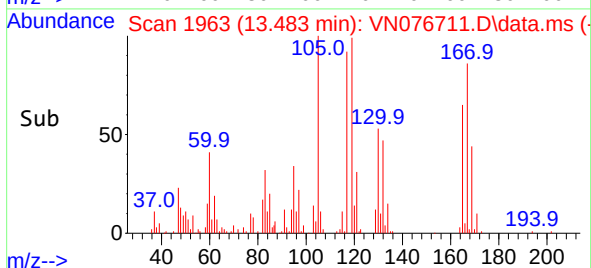
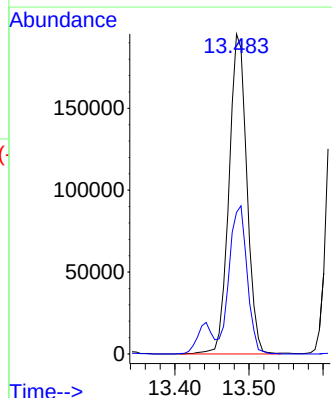
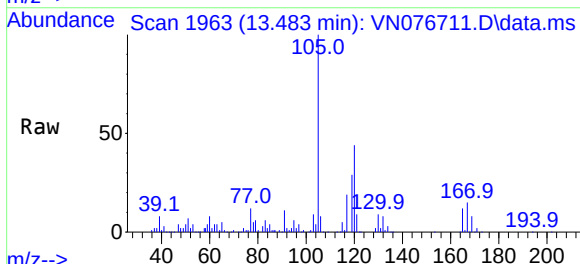
Manual Integrations
APPROVED

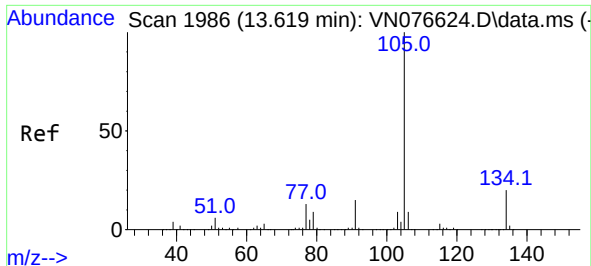
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.918 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Tgt Ion:105 Resp: 326118
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





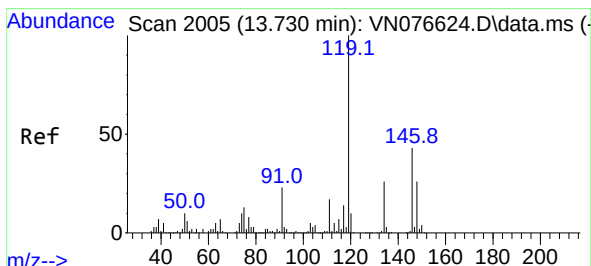
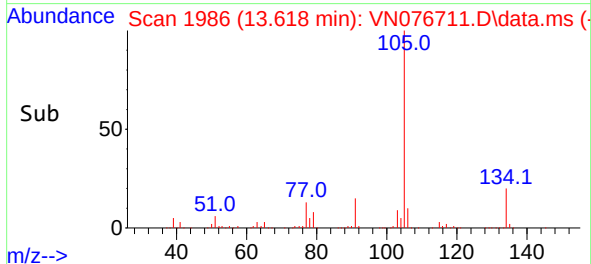
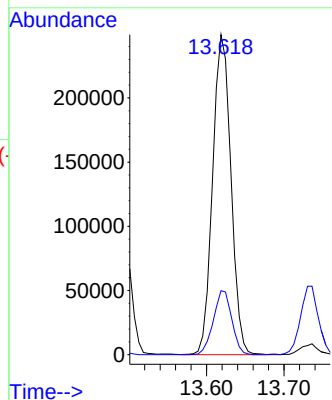
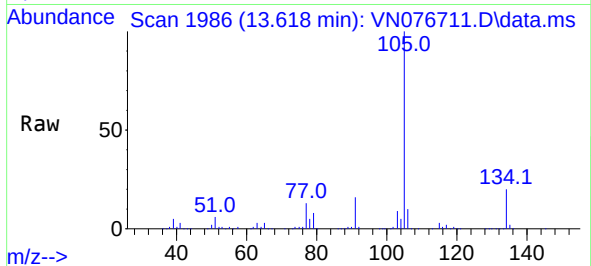
#85
 sec-Butylbenzene
 Concen: 20.713 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076711.D
 Acq: 16 Feb 2023 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216MBS01

Tgt Ion:105 Resp: 409223
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.5 31.5

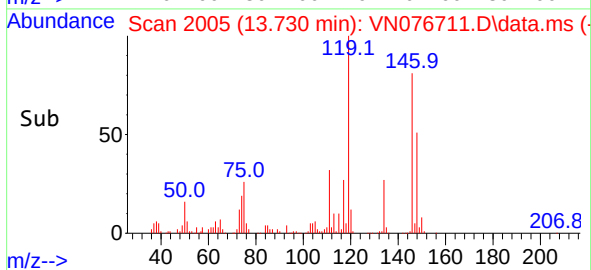
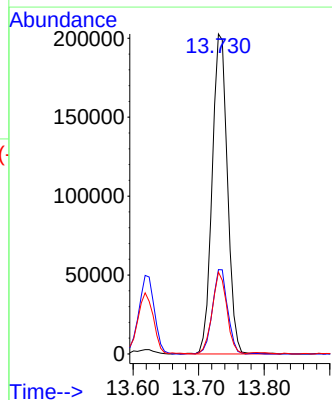
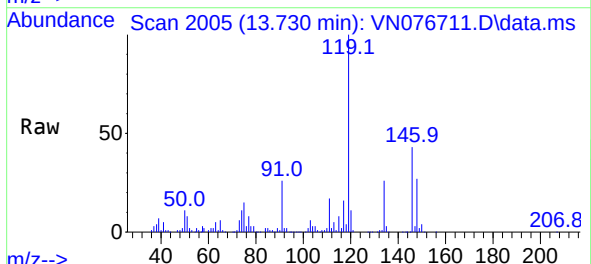
Manual Integrations
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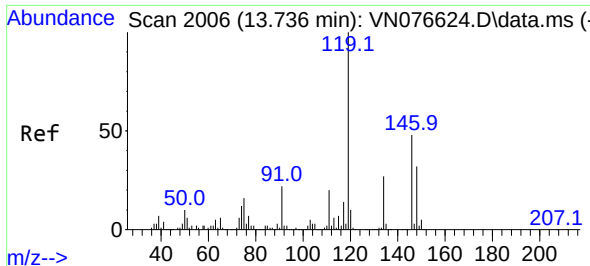
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#86
 p-Isopropyltoluene
 Concen: 20.781 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076711.D
 Acq: 16 Feb 2023 15:03

Tgt Ion:119 Resp: 327849
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.1
 91 24.5 11.7 35.0





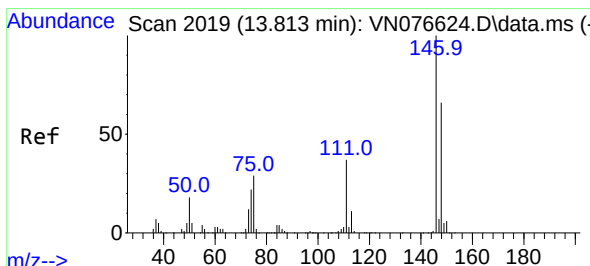
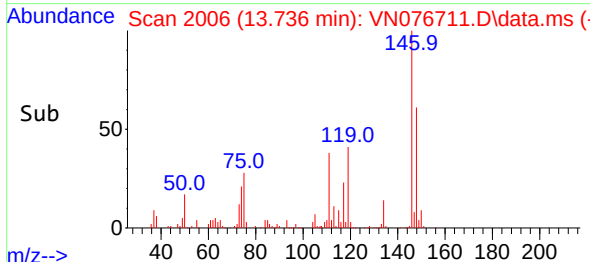
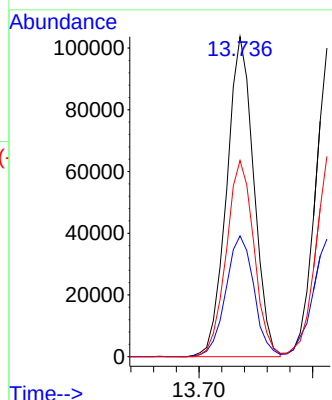
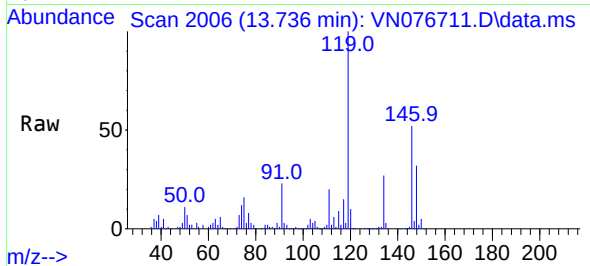
#87
1,3-Dichlorobenzene
Concen: 19.212 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01

Tgt Ion:146 Resp: 171502
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 62.7 32.0 96.2

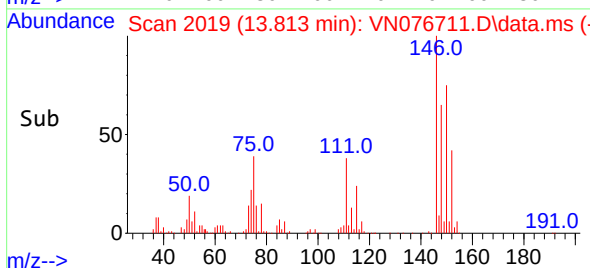
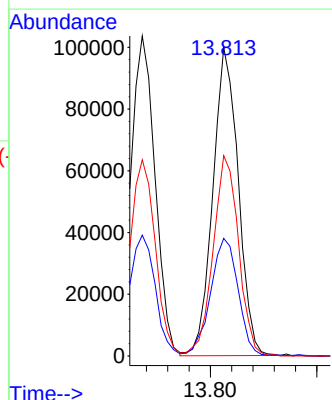
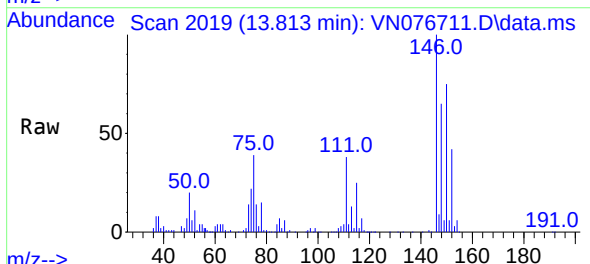
Manual Integrations
APPROVED

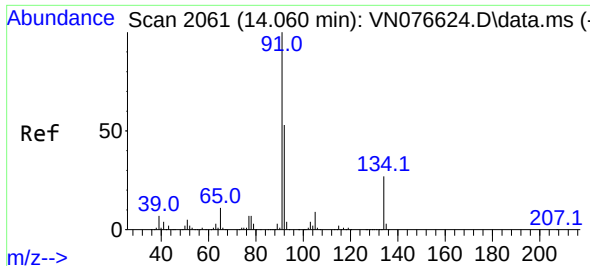
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#88
1,4-Dichlorobenzene
Concen: 18.569 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

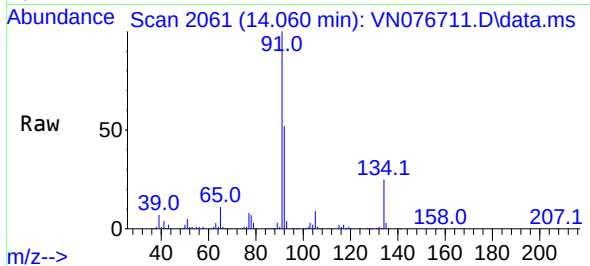
Tgt Ion:146 Resp: 165075
Ion Ratio Lower Upper
146 100
111 41.2 19.4 58.1
148 65.4 32.7 98.1





#89
n-Butylbenzene
Concen: 19.800 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

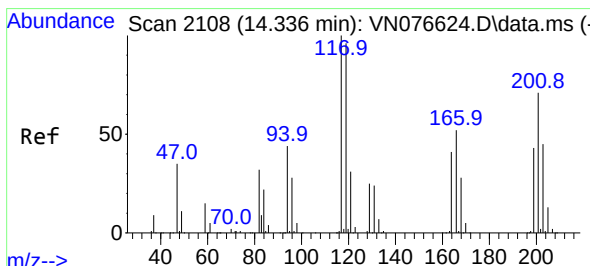
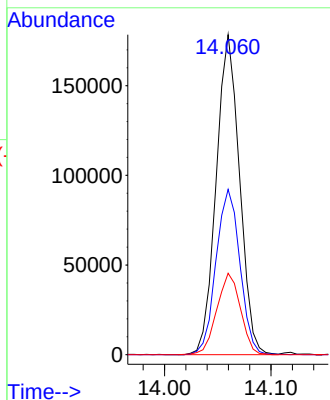
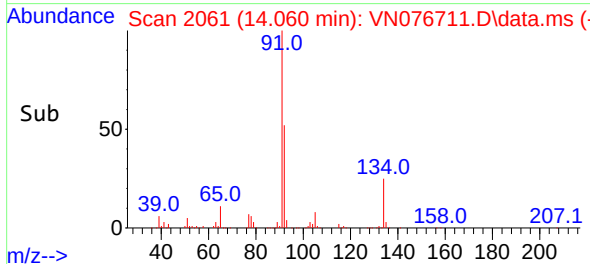
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



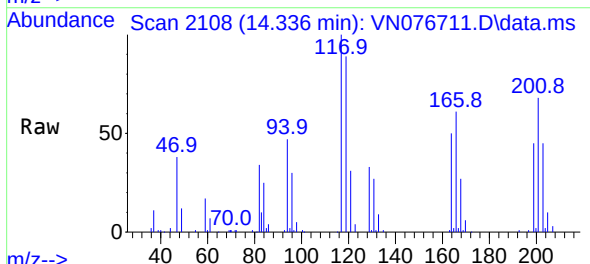
Tgt Ion: 91 Resp: 271680
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.8 13.2 39.5

Manual Integrations
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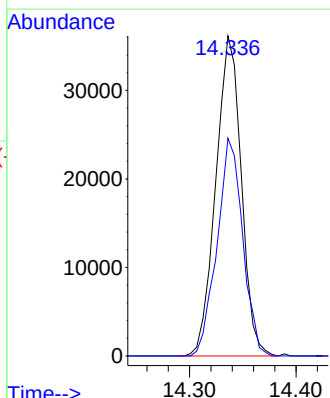
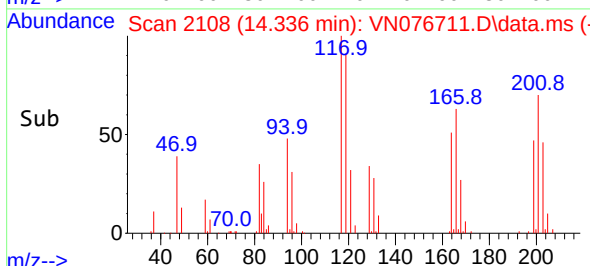
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

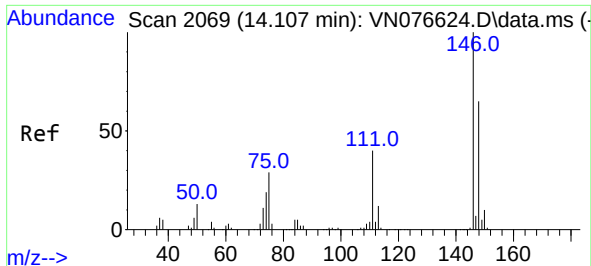


#90
Hexachloroethane
Concen: 18.157 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



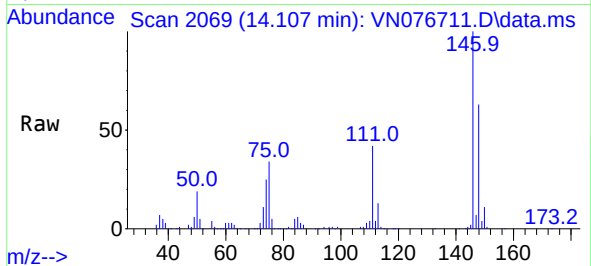
Tgt Ion:117 Resp: 59979
Ion Ratio Lower Upper
117 100
201 68.4 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 18.811 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

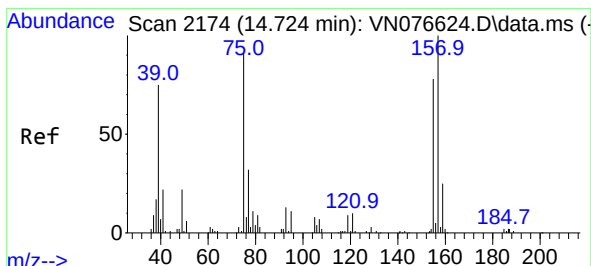
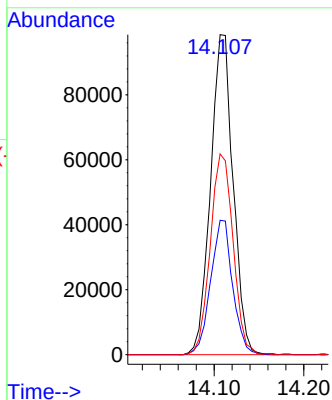
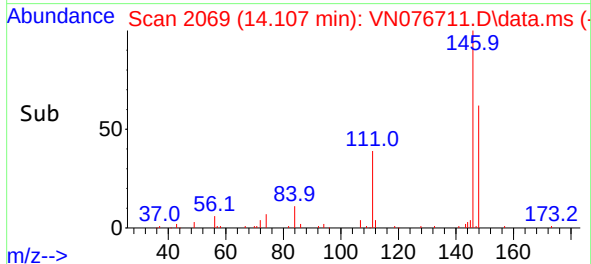
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



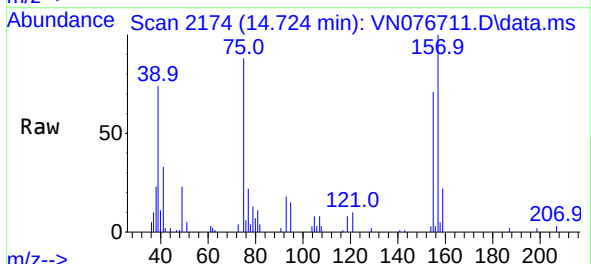
Tgt Ion:146 Resp: 172150
Ion Ratio Lower Upper
146 100
111 41.1 20.0 59.9
148 63.5 32.4 97.2

Manual Integrations
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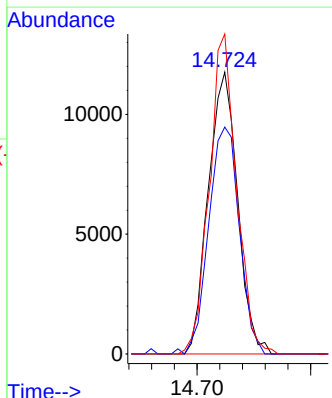
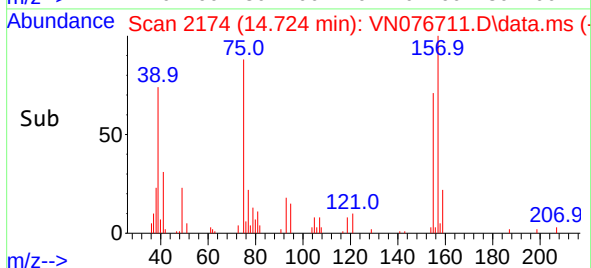
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

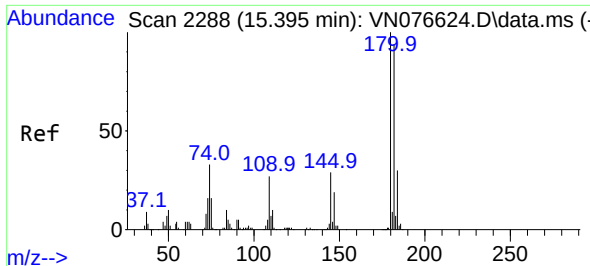


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.884 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



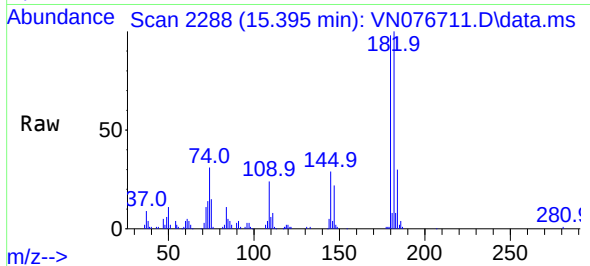
Tgt Ion: 75 Resp: 21084
Ion Ratio Lower Upper
75 100
155 84.1 43.4 130.2
157 105.5 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 18.229 ug/l
RT: 15.395 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

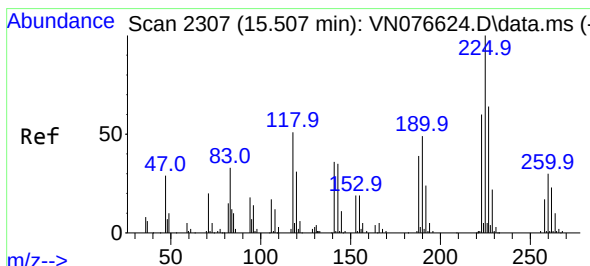
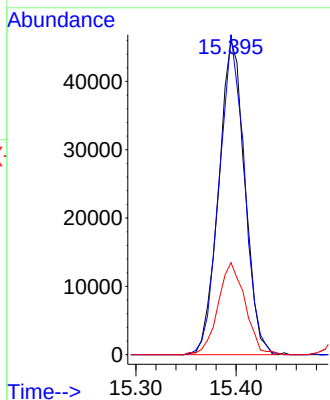
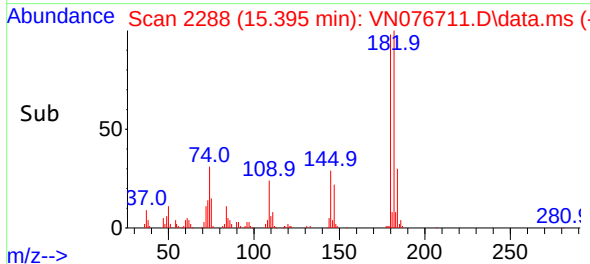
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



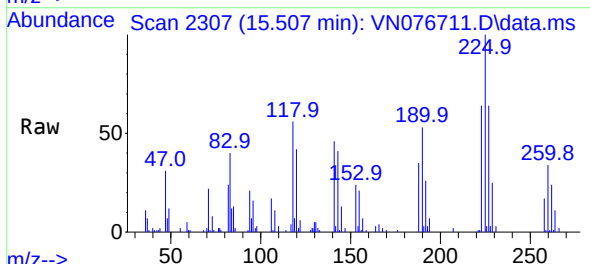
Tgt Ion:180 Resp: 83218
Ion Ratio Lower Upper
180 100
182 98.2 48.0 144.0
145 30.4 15.2 45.6

Manual Integrations
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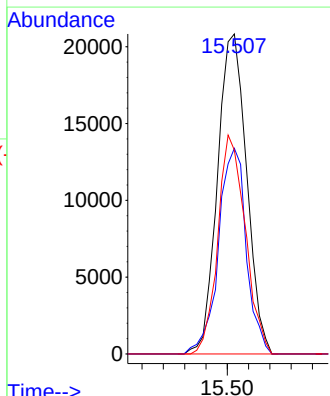
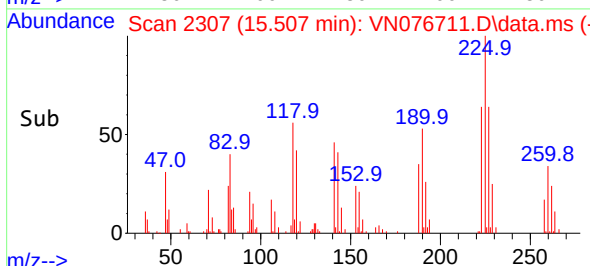
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

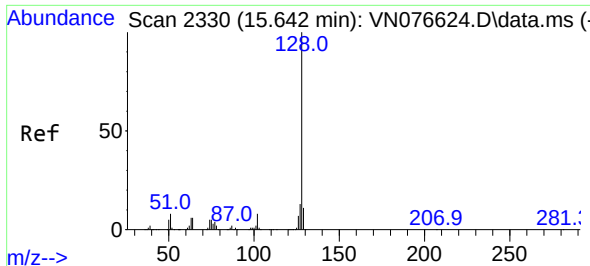


#94
Hexachlorobutadiene
Concen: 17.680 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



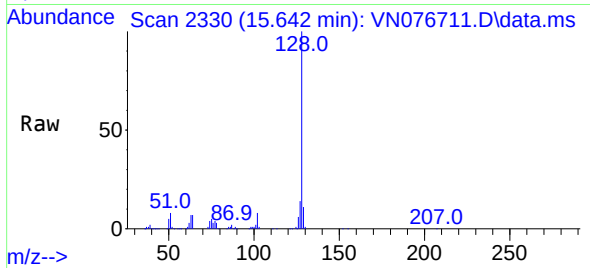
Tgt Ion:225 Resp: 39557
Ion Ratio Lower Upper
225 100
223 61.1 31.6 95.0
227 64.5 31.3 93.9





#95
Naphthalene
Concen: 19.584 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03

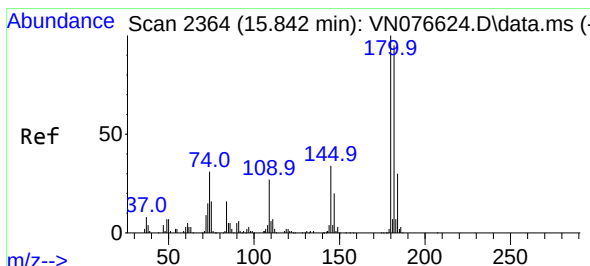
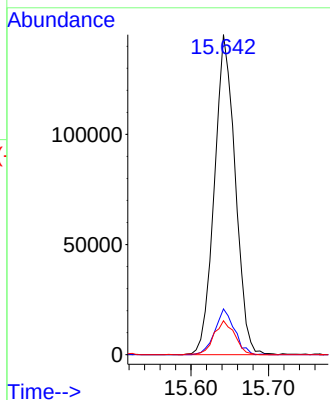
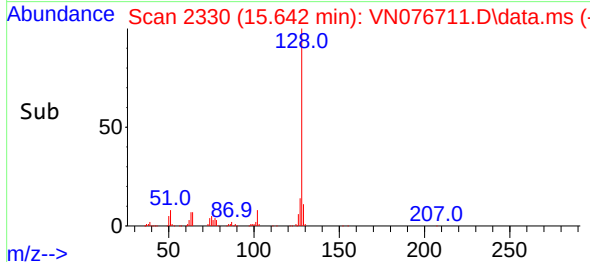
Instrument :
MSVOA_N
ClientSampleId :
VN0216MBS01



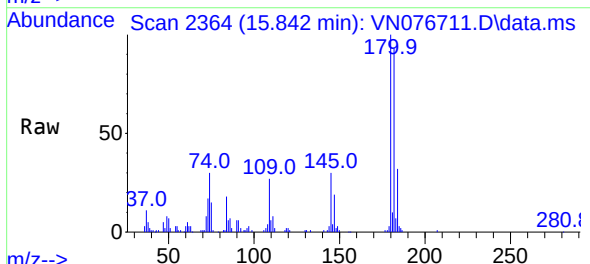
Tgt Ion:128 Resp: 271293
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.615 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076711.D
Acq: 16 Feb 2023 15:03



Tgt Ion:180 Resp: 82331
Ion Ratio Lower Upper
180 100
182 99.5 46.7 140.1
145 31.8 16.0 47.9

