

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077418.D
 Acq On : 21 Apr 2023 10:35
 Operator : JC\MD
 Sample : VN0421WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBS01

Quant Time: Apr 22 02:39:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	60347	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	437396	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	474867	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	150016	29.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.700%		
60) 4-Bromofluorobenzene	12.854	95	238603	29.058	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.867%		
63) Toluene-d8	10.572	98	490834	29.402	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	103431	18.028	ug/l	99
3) Chloromethane	2.372	50	93679	12.291	ug/l	98
4) Vinyl Chloride	2.525	62	136038	12.461	ug/l	99
5) Bromomethane	2.972	94	110830	13.472	ug/l	99
6) Chloroethane	3.137	64	97400	13.310	ug/l	97
7) Trichlorofluoromethane	3.507	101	183374	18.040	ug/l	100
8) Diethyl Ether	3.972	74	72281	16.683	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.378	101	115052	18.100	ug/l	83
10) 1,1-Dichloroethene	4.360	96	105925	16.658	ug/l	97
11) Methyl Iodide	4.601	142	130863	18.216	ug/l	93
12) Methyl Acetate	5.037	43	147832	15.604	ug/l	96
13) Acrolein	4.190	56	125906	107.066	ug/l	98
14) Acrylonitrile	5.725	53	250426	77.330	ug/l	99
15) Acetone	4.437	58	86337	73.489	ug/l	95
16) Carbon Disulfide	4.719	76	243841	14.528	ug/l #	92
17) Allyl chloride	5.037	41	113572	13.874	ug/l	95
18) Methylene Chloride	5.284	84	120799	16.359	ug/l #	94
19) trans-1,2-Dichloroethene	5.796	96	114287	16.529	ug/l	100
20) Diisopropyl ether	6.684	45	296820	15.214	ug/l	98
21) 1,1-Dichloroethane	6.578	63	203108	16.425	ug/l	96
22) cis-1,2-Dichloroethene	7.495	96	146083	17.331	ug/l	96
23) tert-Butyl Alcohol	5.531	59	107021	74.323	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	387435	16.924	ug/l	99
25) Chloroform	7.972	83	231092	17.244	ug/l	93
26) Cyclohexane	8.260	56	162611	15.133	ug/l #	92
29) 1,1-Dichloropropene	8.372	75	165369	17.453	ug/l	98
30) 2-Butanone	7.490	43	338087	75.454	ug/l	97
31) 2,2-Dichloropropane	7.501	77	199877	17.184	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	213208	18.284	ug/l	99
33) Carbon Tetrachloride	8.372	117	180461	18.133	ug/l	93
34) Benzene	8.613	78	505353	17.237	ug/l	98
35) Methacrylonitrile	7.790	41	70433	16.687	ug/l	97
36) 1,2-Dichloroethane	8.678	62	172482	18.765	ug/l #	85
37) Trichloroethene	9.354	130	132483	18.475	ug/l	99
38) Methylcyclohexane	9.607	83	214806	16.715	ug/l	98
39) 1,2-Dichloropropane	9.625	63	121843	16.741	ug/l	98
40) Dibromomethane	9.707	93	95780	18.265	ug/l	98
41) Bromodichloromethane	9.889	83	187280	17.911	ug/l #	97
42) Vinyl Acetate	6.613	43	1117562m	86.178	ug/l	

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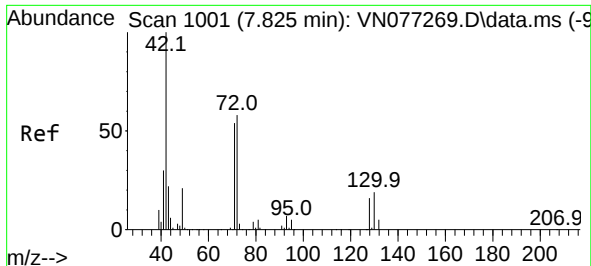
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 02:39:00 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	118083	14.244	ug/l	97
44) Isopropyl Acetate	8.695	43	228393	15.387	ug/l #	100
45) 1,4-Dioxane	9.695	88	50743	324.159	ug/l	98
46) Methyl methacrylate	9.684	41	100365	15.705	ug/l	96
47) n-amyl Acetate	12.495	43	191620	14.773	ug/l	96
48) t-1,3-Dichloropropene	10.842	75	192656	16.463	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	210332	16.895	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	137176	18.010	ug/l	98
51) Ethyl methacrylate	10.878	69	190106	16.252	ug/l	97
52) 1,3-Dichloropropane	11.166	76	222428	17.497	ug/l	100
53) Dibromochloromethane	11.360	129	144157	17.957	ug/l	99
54) 1,2-Dibromoethane	11.472	107	135886	17.771	ug/l	100
55) 2-Chloroethyl vinyl ether	10.166	63	340253	94.217	ug/l	97
56) Bromoform	12.583	173	89115	16.525	ug/l #	98
58) 4-Methyl-2-Pentanone	10.448	43	694048	78.061	ug/l	98
59) 2-Hexanone	11.195	43	511561	74.436	ug/l	98
61) Tetrachloroethene	11.107	164	102261	18.105	ug/l	96
62) Toluene	10.631	91	570444	17.217	ug/l	99
64) Chlorobenzene	11.895	112	361554	17.962	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.966	131	130383	17.614	ug/l	98
66) Ethyl Benzene	11.966	91	637751	17.374	ug/l	98
67) m/p-Xylenes	12.072	106	503675	35.007	ug/l	99
68) o-Xylene	12.401	106	246986	17.159	ug/l	95
69) Styrene	12.413	104	400638	17.373	ug/l	99
70) Isopropylbenzene	12.695	105	651436	17.833	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	198054	17.705	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	142810m	18.781	ug/l	
73) Bromobenzene	12.983	156	136714	18.421	ug/l	91
74) n-propylbenzene	13.036	91	729531	18.050	ug/l	100
75) 2-Chlorotoluene	13.130	91	433405	17.900	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	505088	16.988	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	58607	15.131	ug/l	98
78) 4-Chlorotoluene	13.224	91	408584	17.859	ug/l	98
79) tert-butylbenzene	13.442	119	468855	18.120	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	473037	16.321	ug/l	100
81) sec-Butylbenzene	13.619	105	663834	17.963	ug/l	99
82) p-Isopropyltoluene	13.730	119	517662	17.485	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	253020	17.981	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	246266	18.038	ug/l	100
85) n-Butylbenzene	14.060	91	402407	16.448	ug/l	98
86) Hexachloroethane	14.336	117	103035	16.360	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	244875	17.760	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	37867	17.665	ug/l	92
89) 1,2,4-Trichlorobenzene	15.371	180	67680	12.479	ug/l	94
90) Hexachlorobutadiene	15.465	225	54161	19.471	ug/l	98
91) Naphthalene	15.589	128	241756	11.668	ug/l	100
92) 1,2,3-Trichlorobenzene	15.760	180	60735	11.477	ug/l	98

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



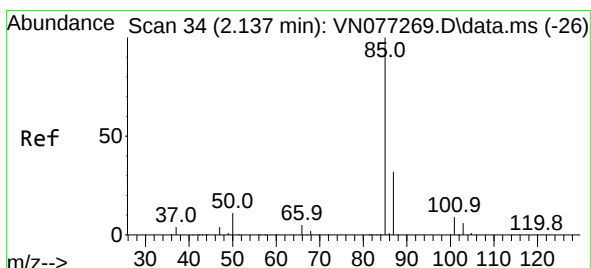
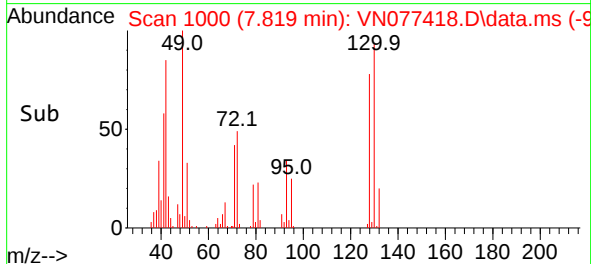
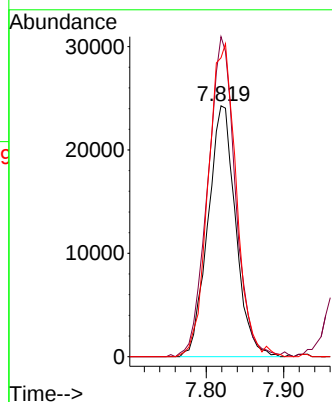
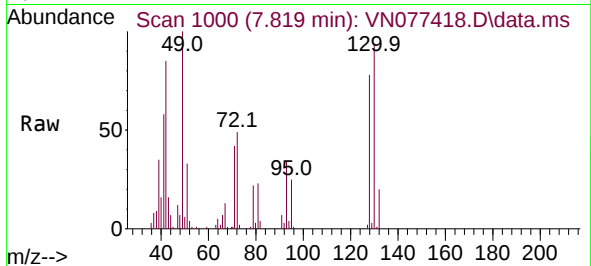
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion:128 Resp: 6034
Ion Ratio Lower Upper
128 100
49 127.5 0.0 379.5
130 125.3 0.0 322.8

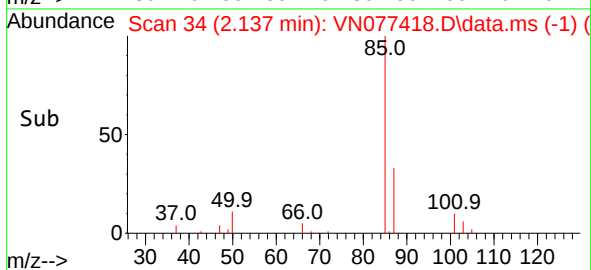
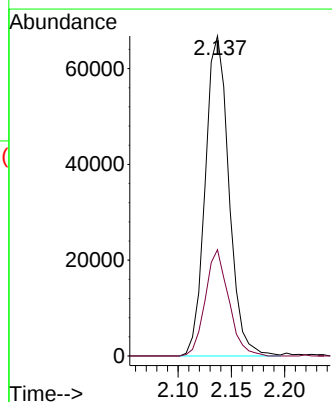
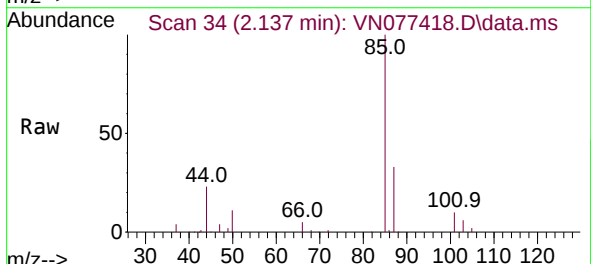
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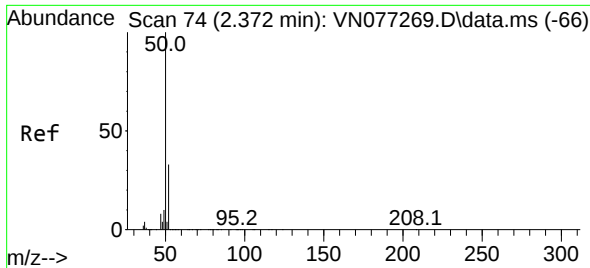
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#2
Dichlorodifluoromethane
Concen: 18.028 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

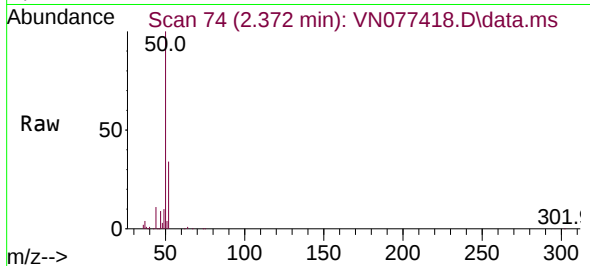
Tgt Ion: 85 Resp: 103431
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 12.291 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

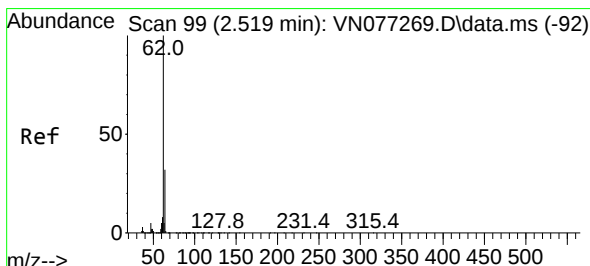
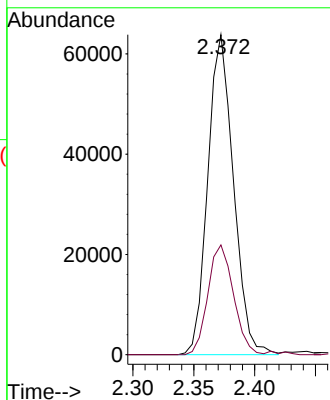
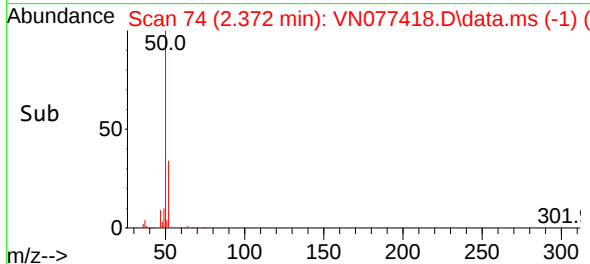
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 50 Resp: 93679
Ion Ratio Lower Upper
50 100
52 34.3 26.4 39.6

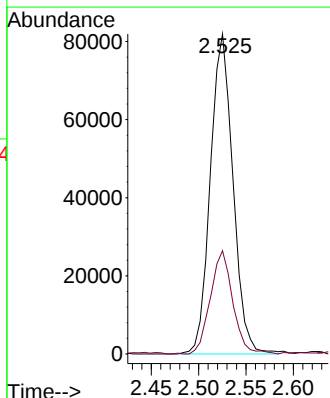
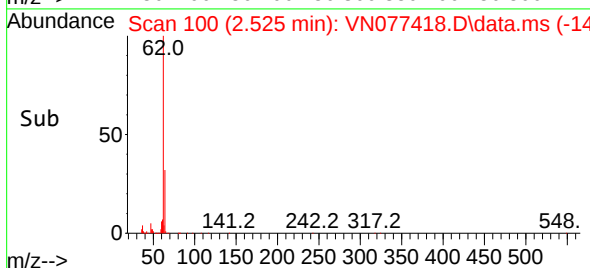
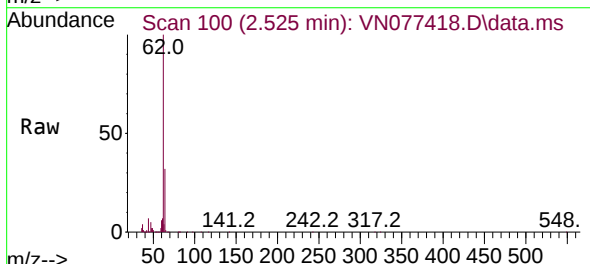
Manual Integrations
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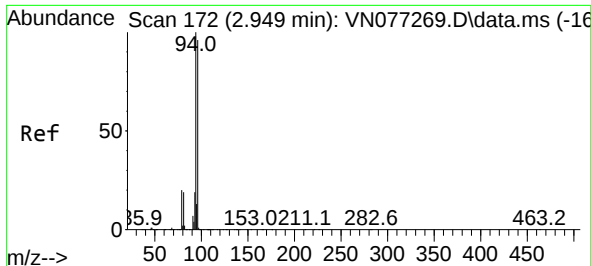
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#4
Vinyl Chloride
Concen: 12.461 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

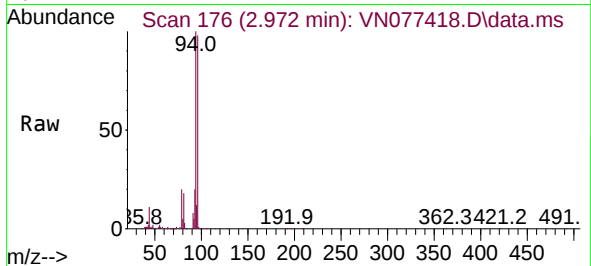
Tgt Ion: 62 Resp: 136038
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 13.472 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

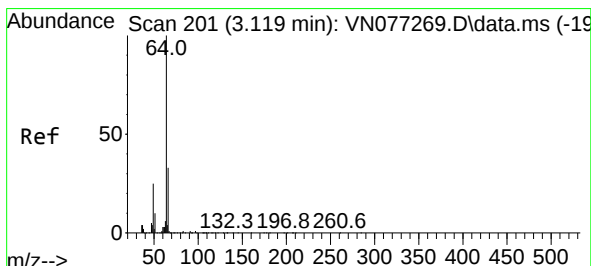
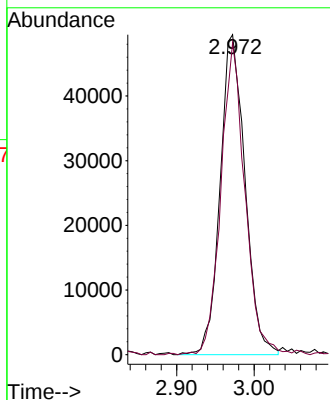
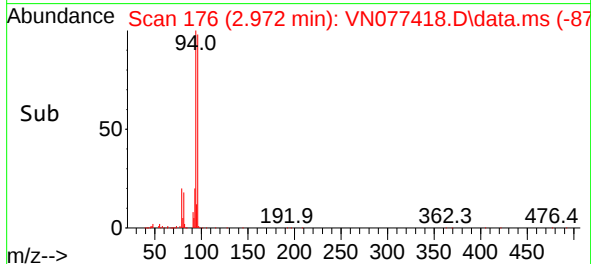
Instrument :
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ClientSampleId :
VN0421WBS01



Tgt Ion: 94 Resp: 110830
Ion Ratio Lower Upper
94 100
96 97.5 77.0 115.6

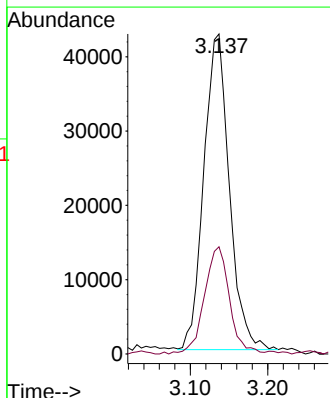
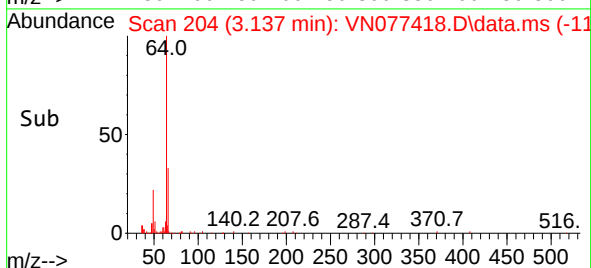
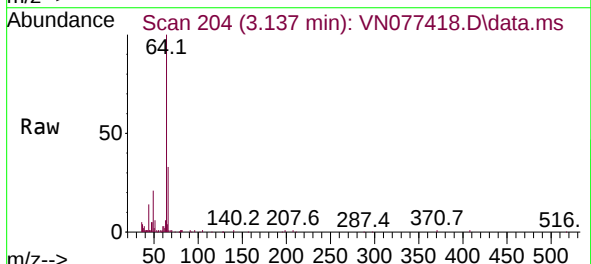
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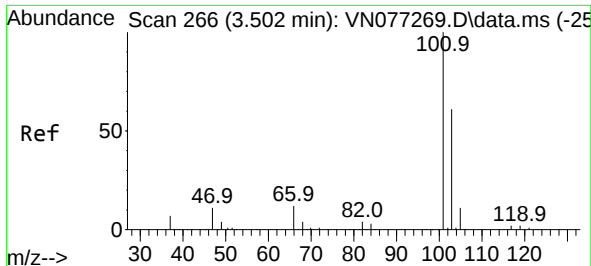
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#6
Chloroethane
Concen: 13.310 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.018 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

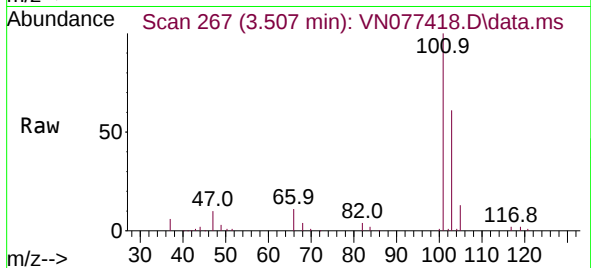
Tgt Ion: 64 Resp: 97400
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 18.040 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

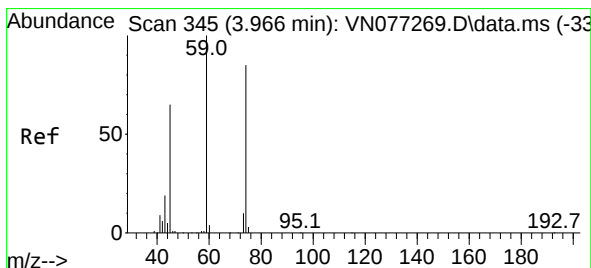
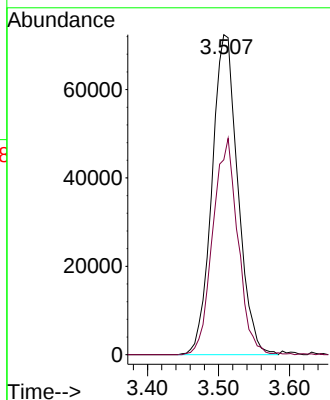
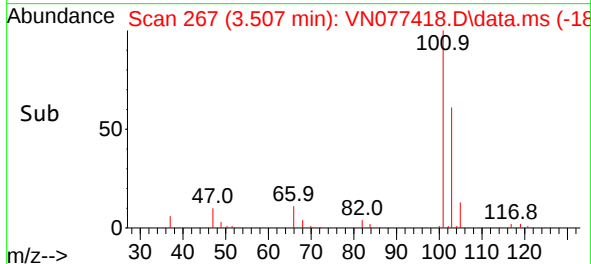
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Tgt Ion:101 Resp: 183374
Ion Ratio Lower Upper
101 100
103 60.9 48.9 73.3

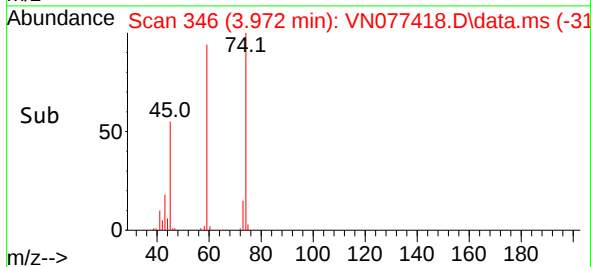
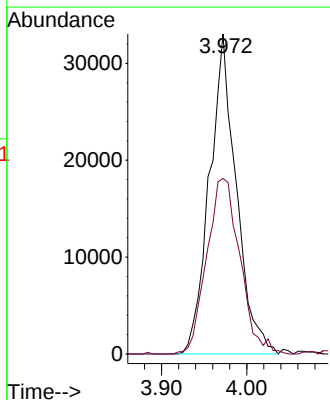
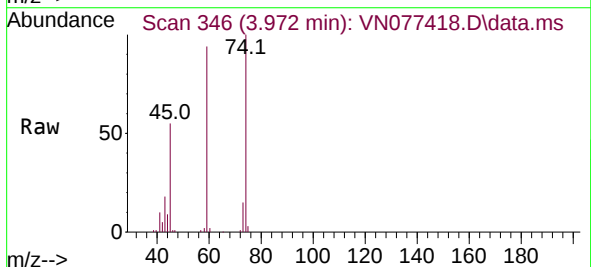
Manual Integrations
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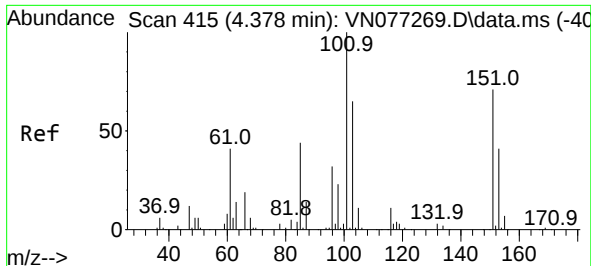
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#8
Diethyl Ether
Concen: 16.683 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

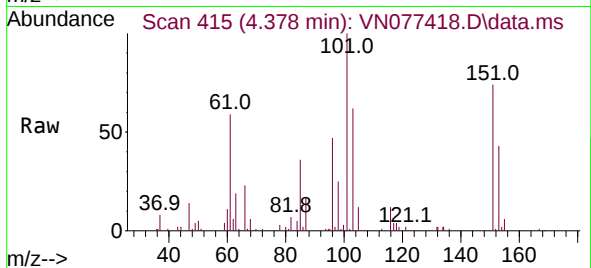
Tgt Ion: 74 Resp: 72281
Ion Ratio Lower Upper
74 100
45 66.6 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.100 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

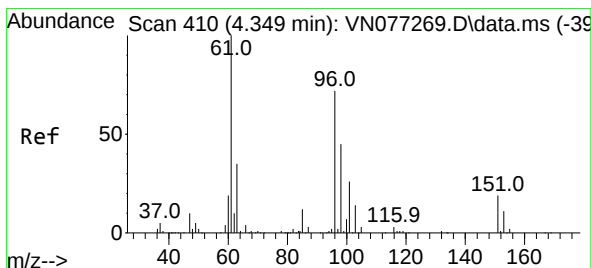
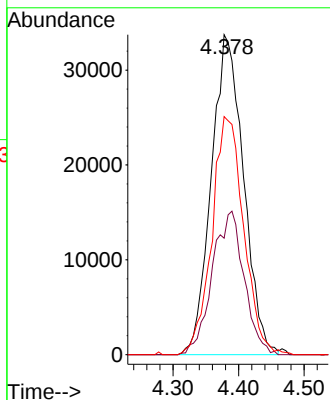
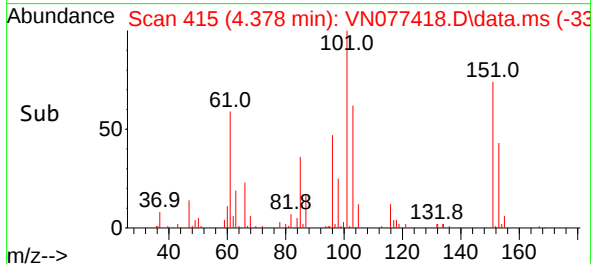
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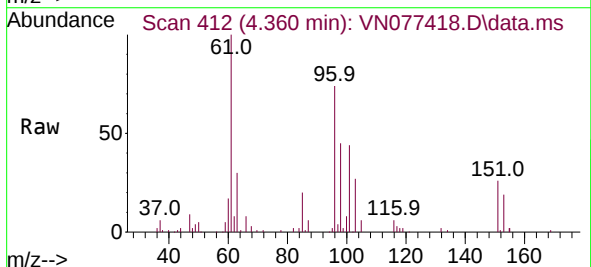
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Ion Ratio Lower Upper
101 100
85 19.7 0.0 89.6
151 73.1 0.0 141.6

Manual Integrations
APPROVED

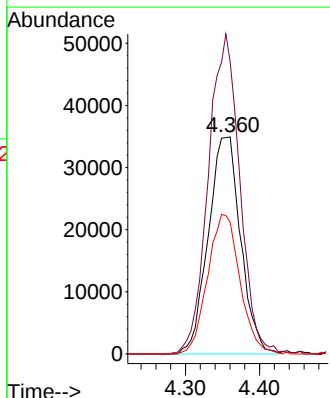
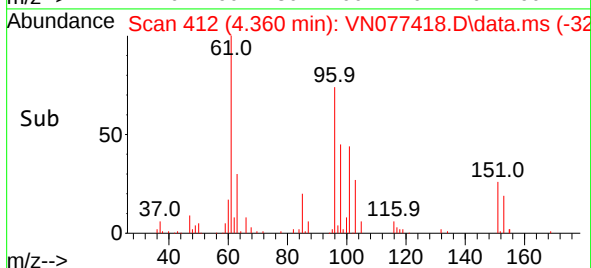
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

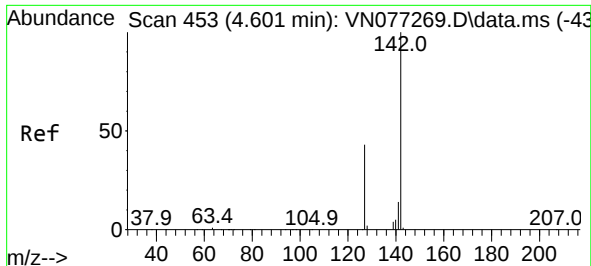


#10
1,1-Dichloroethene
Concen: 16.658 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.011 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



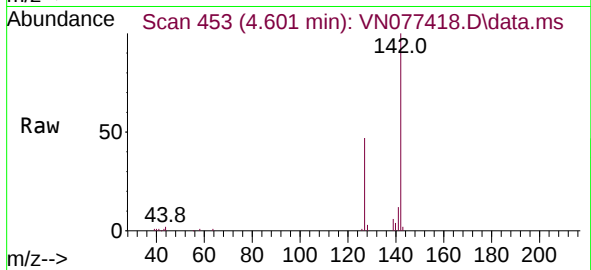
Tgt Ion: 96 Resp: 105925
Ion Ratio Lower Upper
96 100
61 133.6 110.7 166.1
98 60.3 49.6 74.4





#11
Methyl Iodide
Concen: 18.216 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

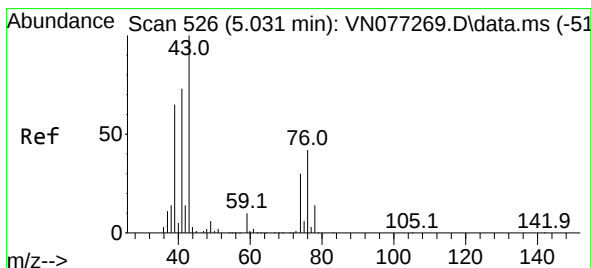
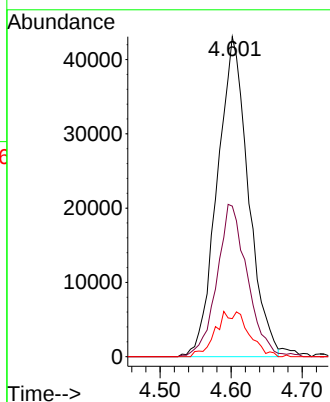
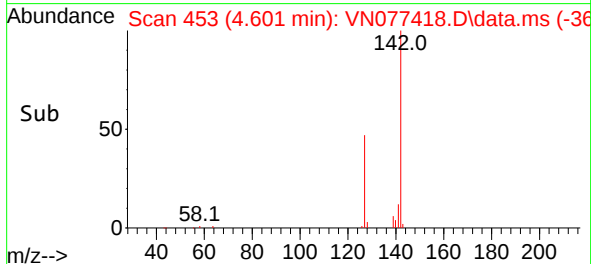
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



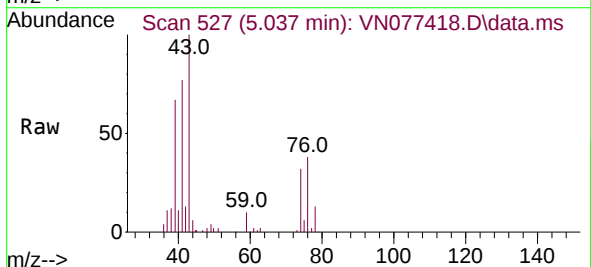
Tgt Ion:142 Resp: 13086
Ion Ratio Lower Upper
142 100
127 47.1 21.3 63.7
141 12.0 7.0 20.9

Manual Integrations
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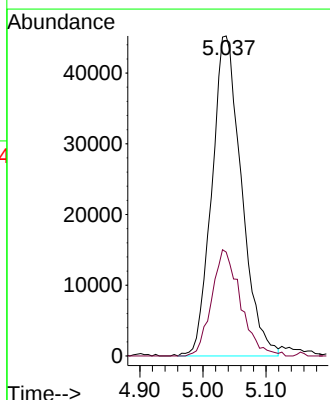
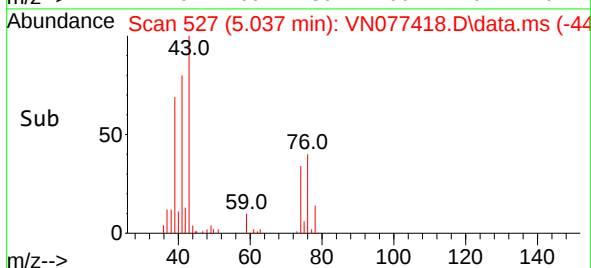
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

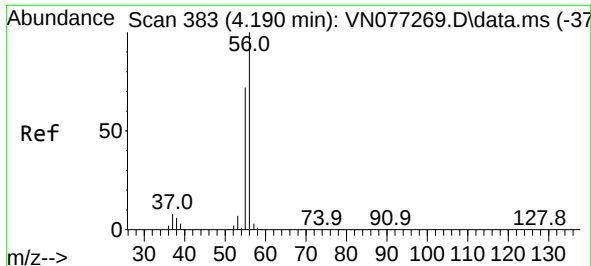


#12
Methyl Acetate
Concen: 15.604 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



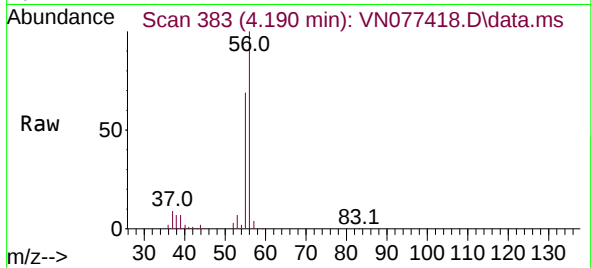
Tgt Ion: 43 Resp: 147832
Ion Ratio Lower Upper
43 100
74 32.4 24.2 36.2





#13
Acrolein
Concen: 107.066 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

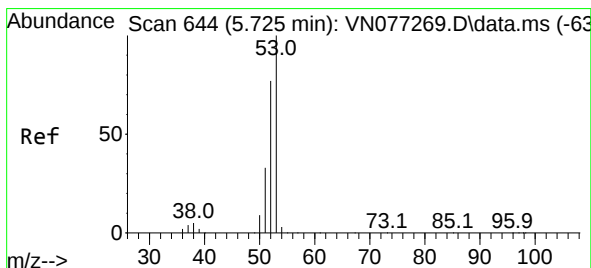
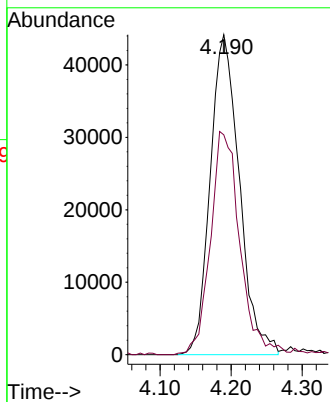
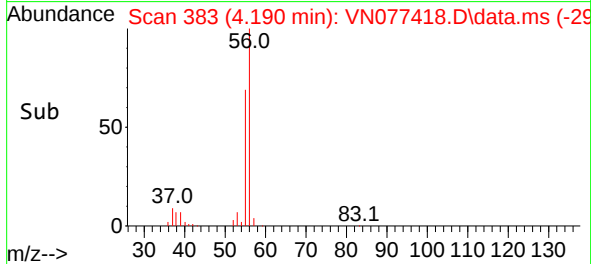
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



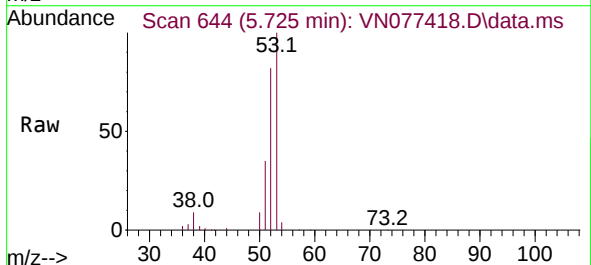
Tgt Ion: 56 Resp: 125900
Ion Ratio Lower Upper
56 100
55 67.0 55.2 82.8

Manual Integrations
APPROVED

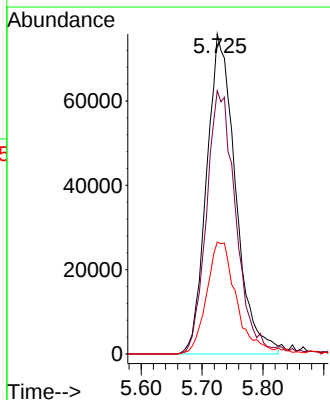
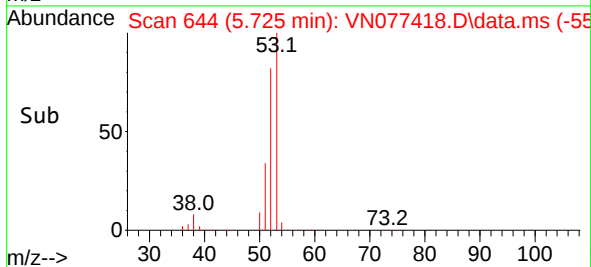
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

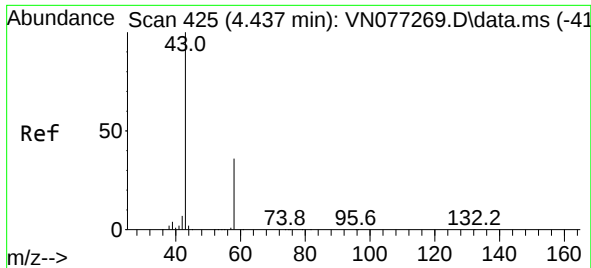


#14
Acrylonitrile
Concen: 77.330 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



Tgt Ion: 53 Resp: 250426
Ion Ratio Lower Upper
53 100
52 82.9 41.0 123.0
51 35.8 17.7 53.1





#15

Acetone

Concen: 73.489 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBS01

Tgt Ion: 58 Resp: 8633

Ion Ratio Lower Upper

58 100

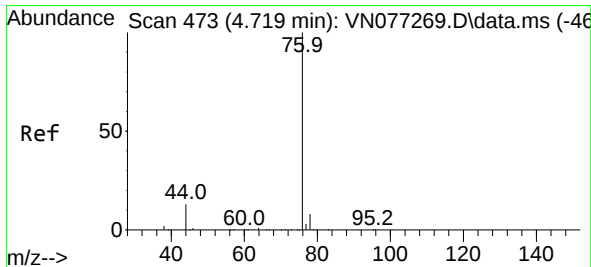
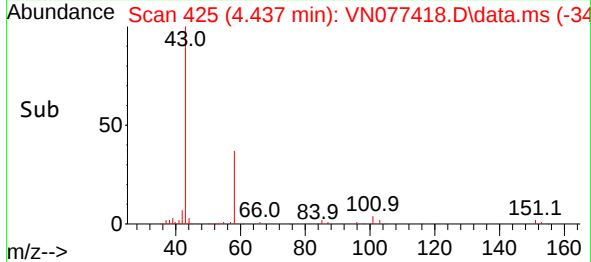
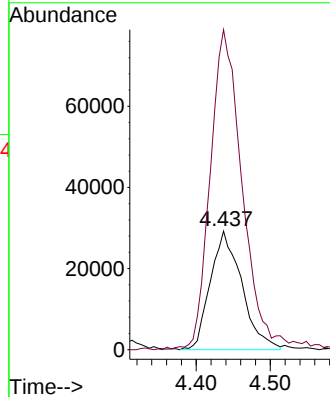
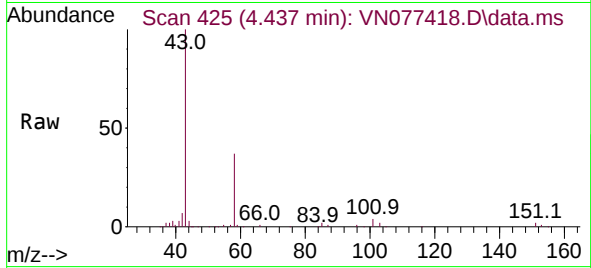
43 267.4 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#16

Carbon Disulfide

Concen: 14.528 ug/l

RT: 4.719 min Scan# 473

Delta R.T. 0.000 min

Lab File: VN077418.D

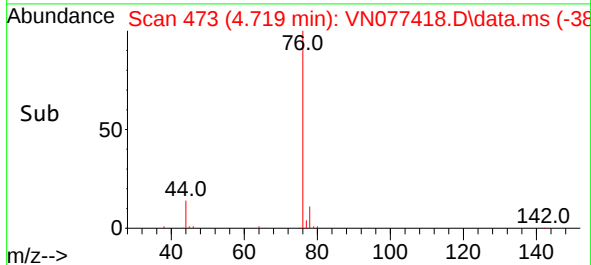
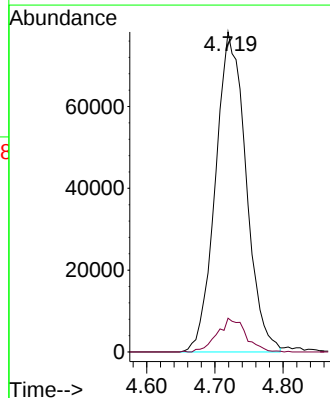
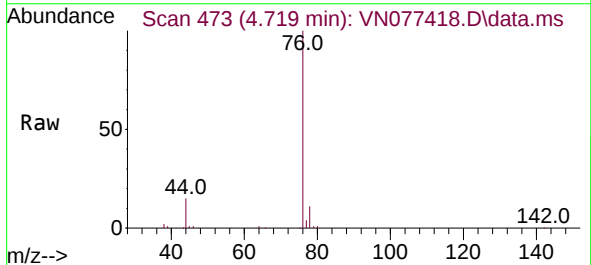
Acq: 21 Apr 2023 10:35

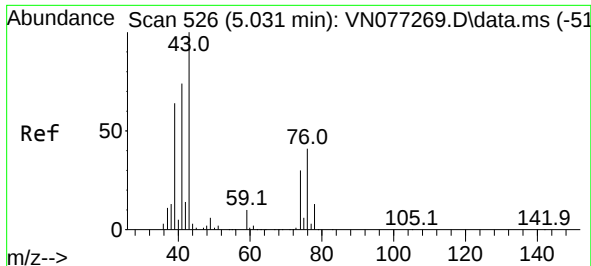
Tgt Ion: 76 Resp: 243841

Ion Ratio Lower Upper

76 100

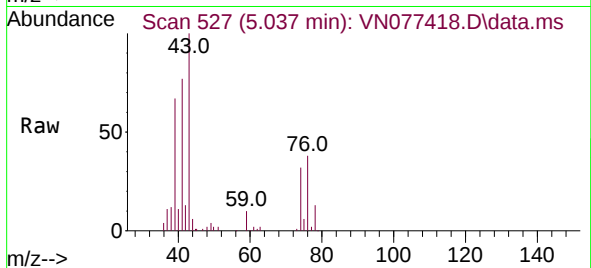
78 10.5 6.3 9.5#





#17
Allyl chloride
Concen: 13.874 ug/l
RT: 5.037 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

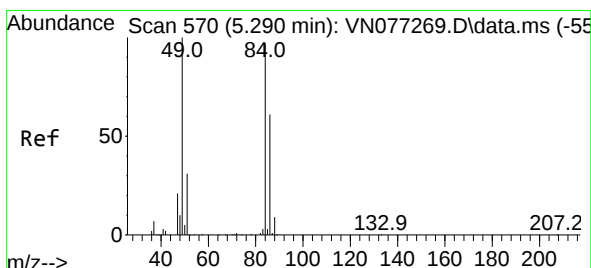
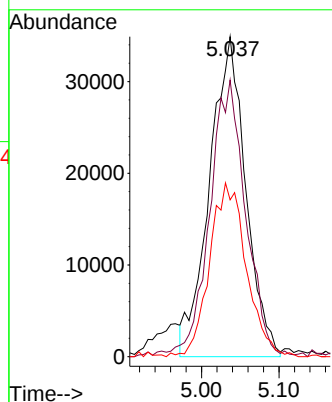
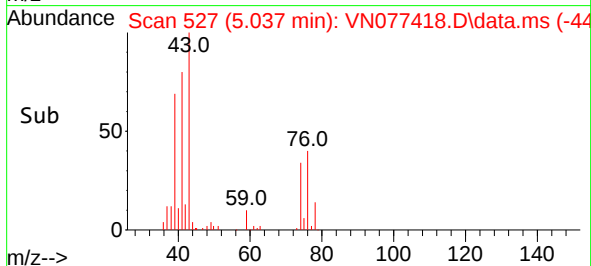
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



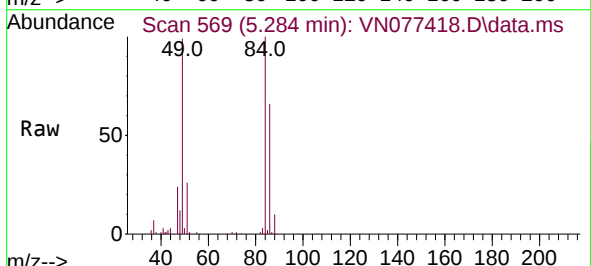
Tgt Ion: 41 Resp: 113572
Ion Ratio Lower Upper
41 100
39 86.7 40.3 120.9
76 48.7 25.3 75.8

Manual Integrations
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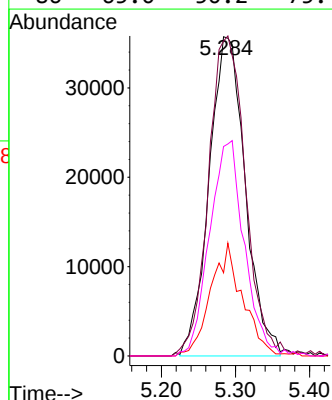
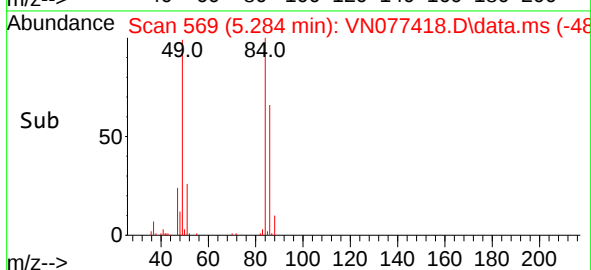
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

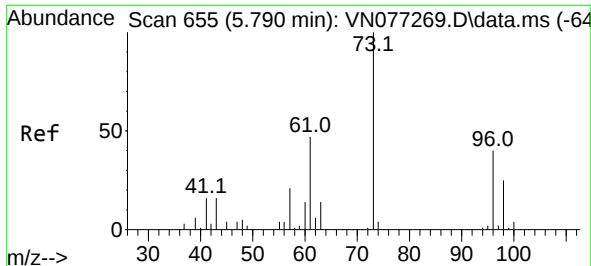


#18
Methylene Chloride
Concen: 16.359 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



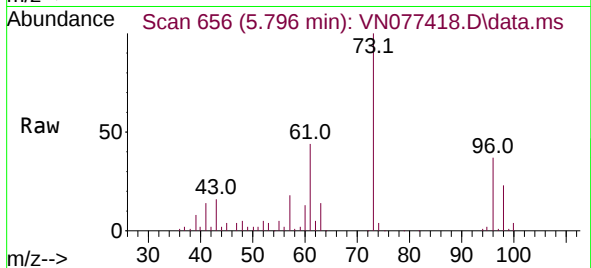
Tgt Ion: 84 Resp: 120799
Ion Ratio Lower Upper
84 100
49 96.9 82.7 124.1
51 25.5 25.6 38.4#
86 65.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 16.529 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

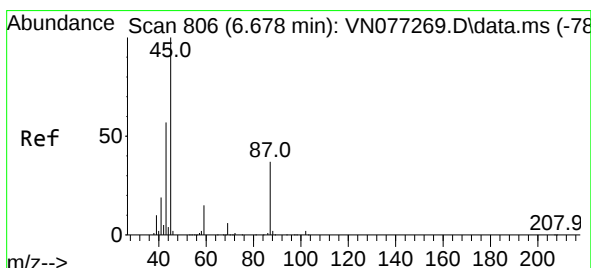
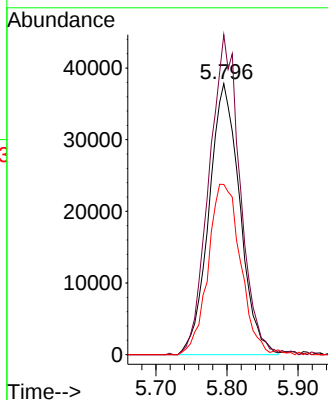
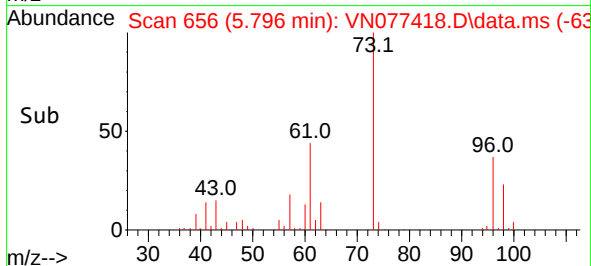
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



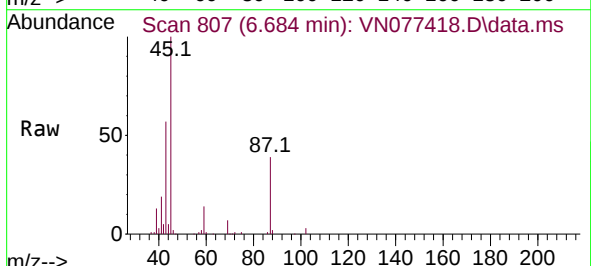
Tgt Ion: 96 Resp: 11428
Ion Ratio Lower Upper
96 100
61 118.1 94.5 141.7
98 62.9 49.8 74.8

Manual Integrations
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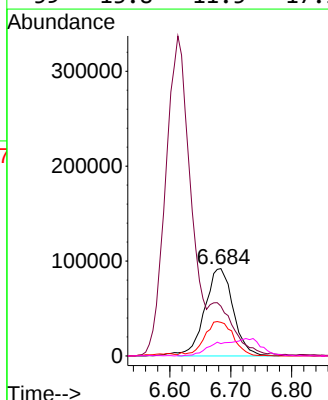
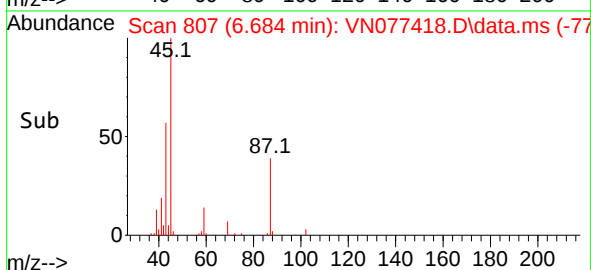
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

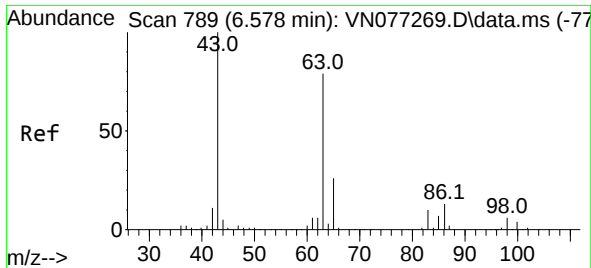


#20
Diisopropyl ether
Concen: 15.214 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



Tgt Ion: 45 Resp: 296820
Ion Ratio Lower Upper
45 100
43 55.3 45.9 68.9
87 38.4 30.1 45.1
59 13.8 11.5 17.3





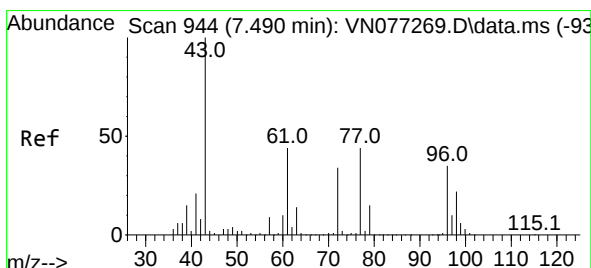
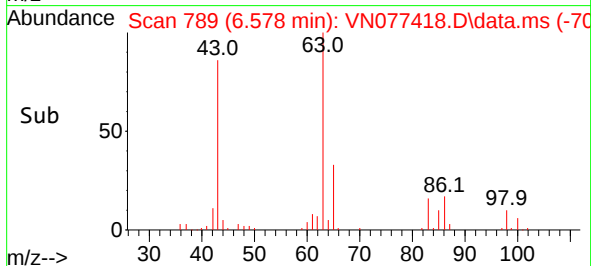
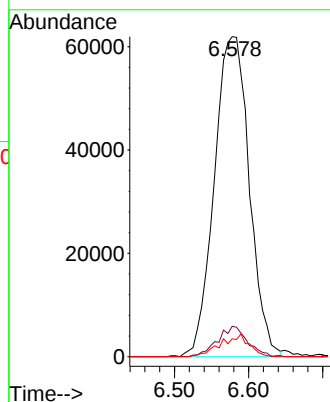
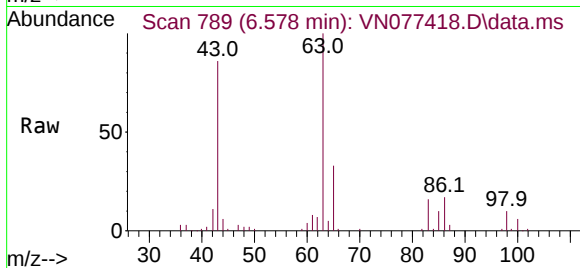
#21
1,1-Dichloroethane
Concen: 16.425 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion: 63 Resp: 203108
Ion Ratio Lower Upper
63 100
98 9.5 3.9 11.7
100 5.6 2.3 6.8

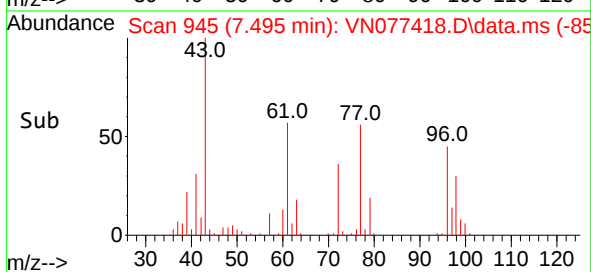
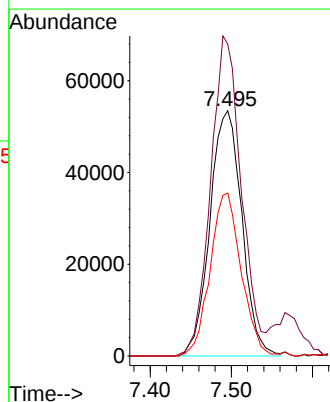
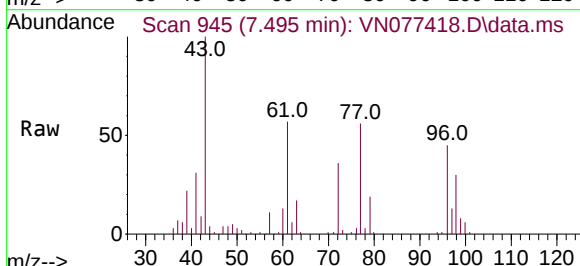
Manual Integrations
APPROVED

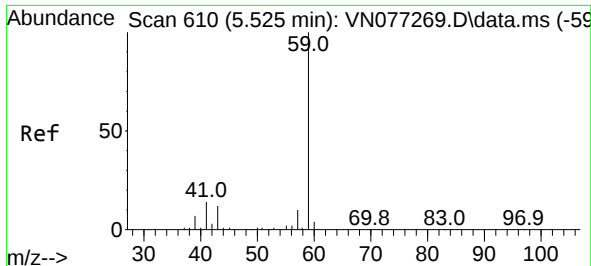
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#22
cis-1,2-Dichloroethene
Concen: 17.331 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

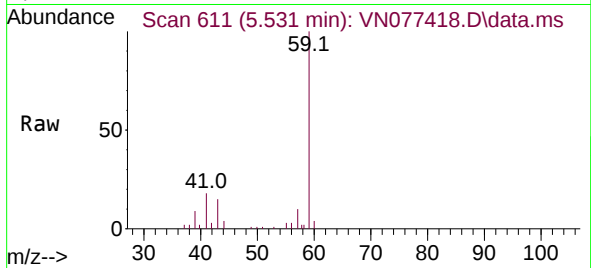
Tgt Ion: 96 Resp: 146083
Ion Ratio Lower Upper
96 100
61 125.6 105.5 158.3
98 64.5 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 74.323 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

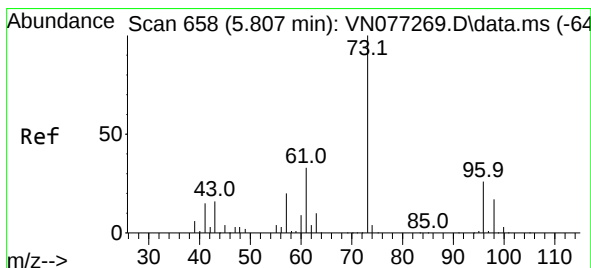
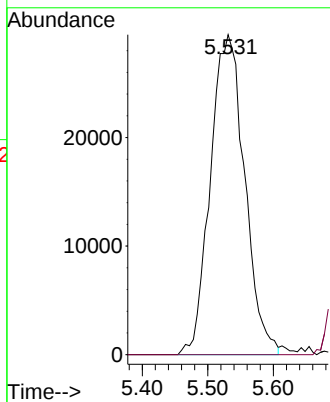
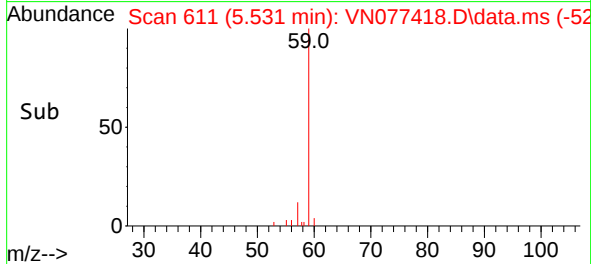
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 59 Resp: 10702
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

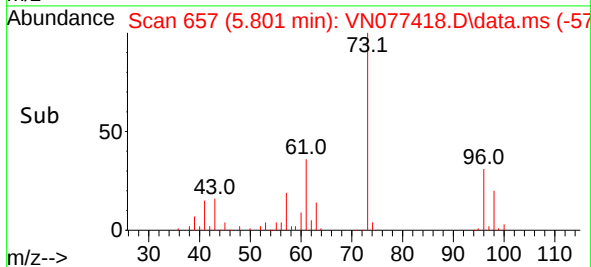
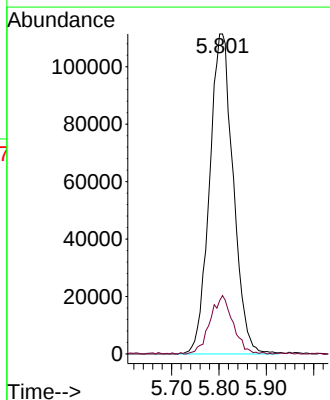
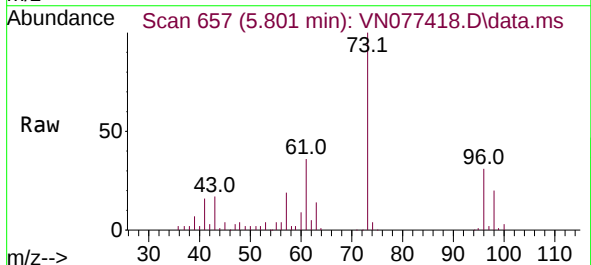
Manual Integrations
APPROVED

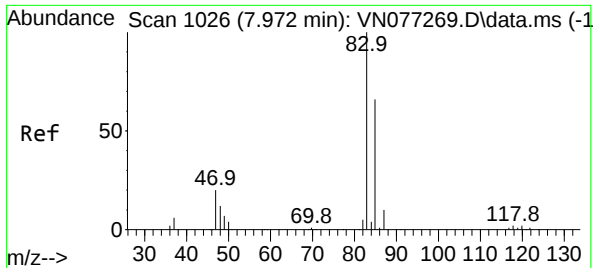
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#24
Methyl tert-Butyl Ether
Concen: 16.924 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion: 73 Resp: 387435
Ion Ratio Lower Upper
73 100
43 17.3 13.5 20.3





#25

Chloroform

Concen: 17.244 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBS01

Tgt Ion: 83 Resp: 231092

Ion Ratio Lower Upper

83 100

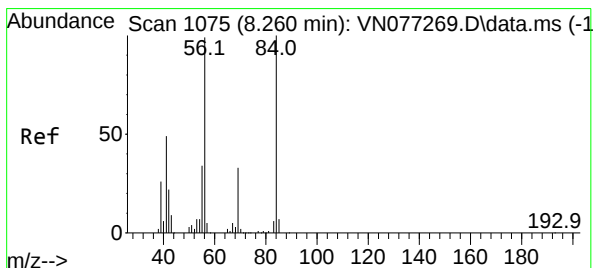
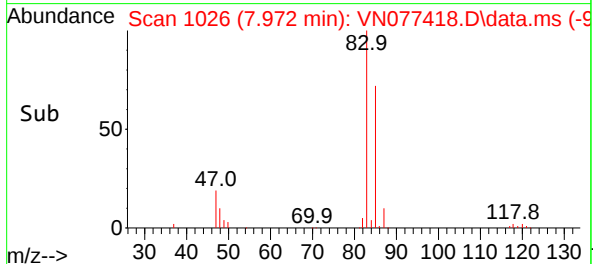
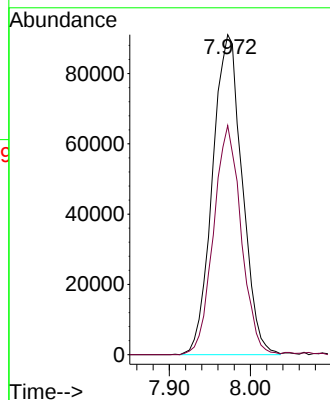
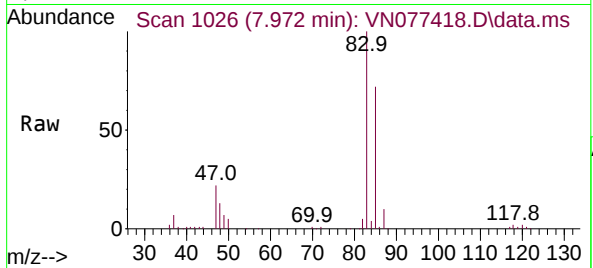
85 71.6 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#26

Cyclohexane

Concen: 15.133 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

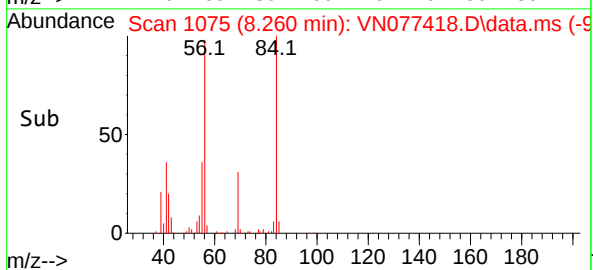
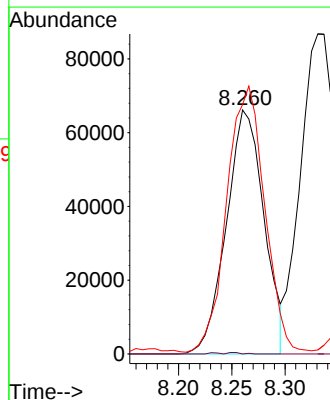
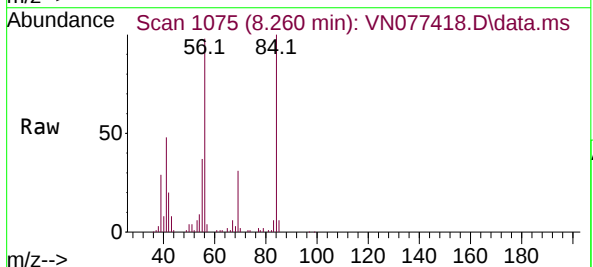
Tgt Ion: 56 Resp: 162611

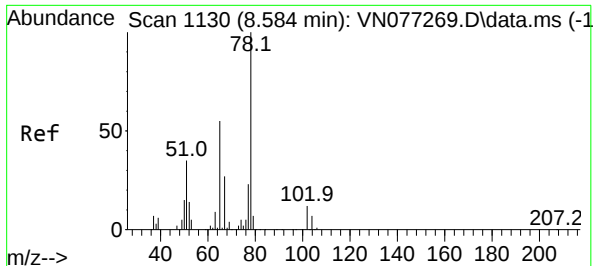
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 111.6 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.311 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBS01

Tgt Ion: 65 Resp: 150010

Ion Ratio Lower Upper

65 100

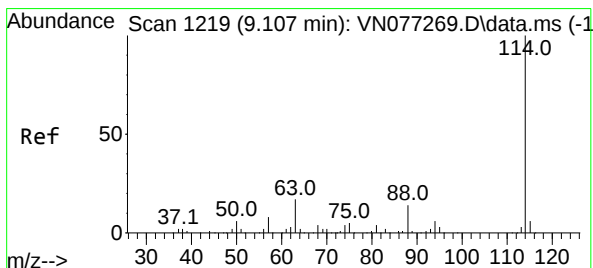
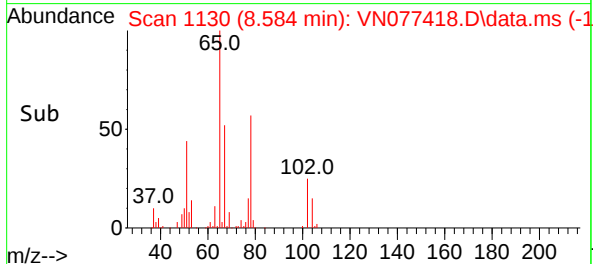
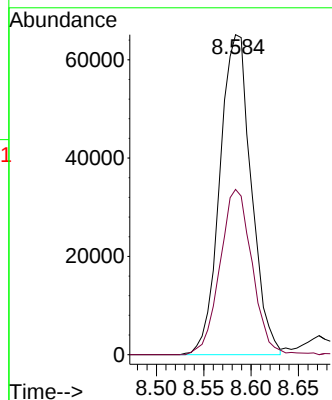
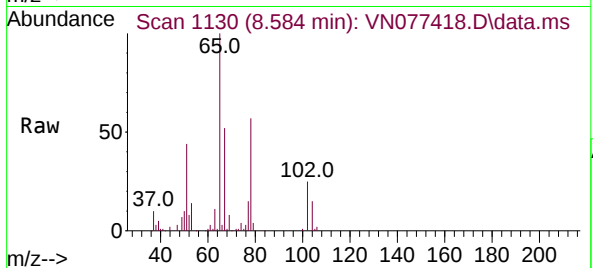
67 52.6 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

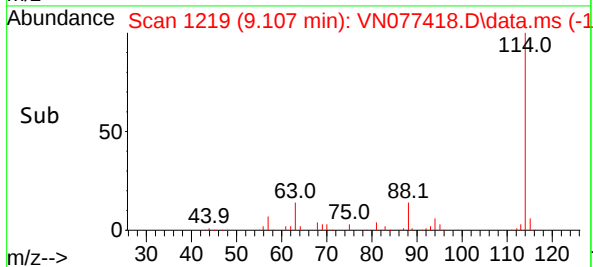
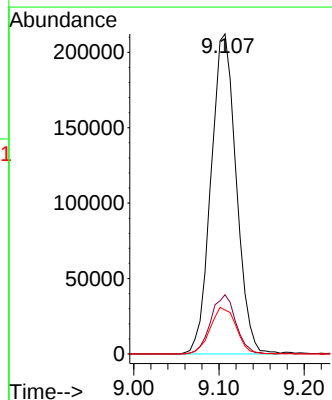
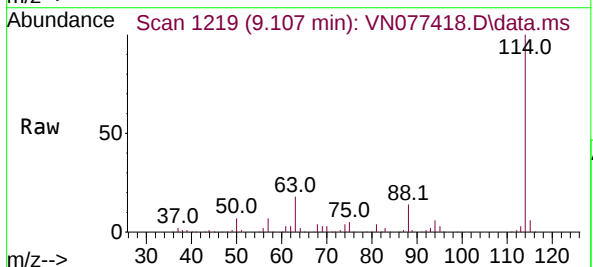
Tgt Ion:114 Resp: 437396

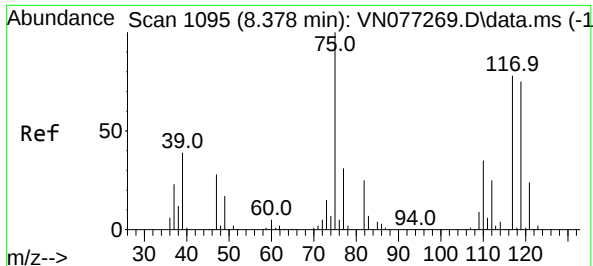
Ion Ratio Lower Upper

114 100

63 18.3 15.0 22.4

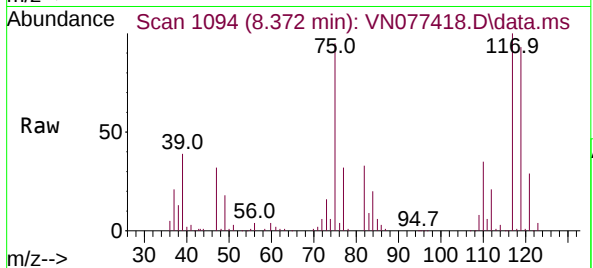
88 15.0 11.9 17.9





#29
1,1-Dichloropropene
Concen: 17.453 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

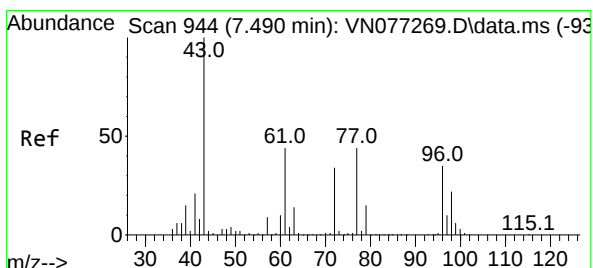
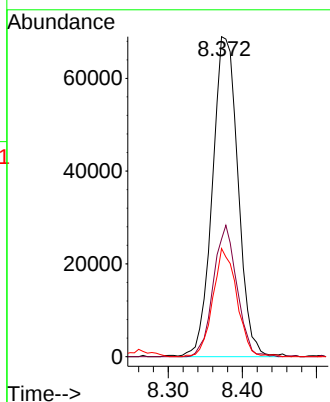
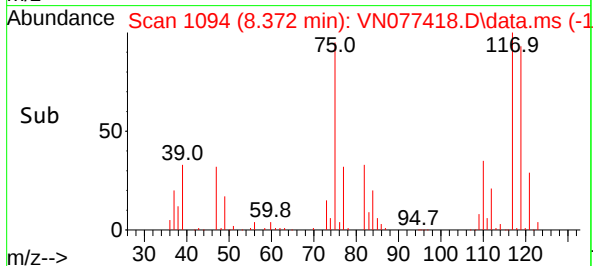
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 75 Resp: 165369
Ion Ratio Lower Upper
75 100
110 37.5 0.0 72.4
77 31.3 0.0 61.4

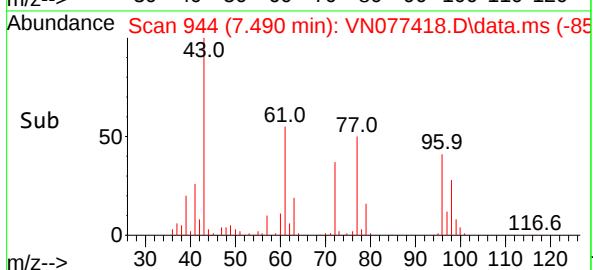
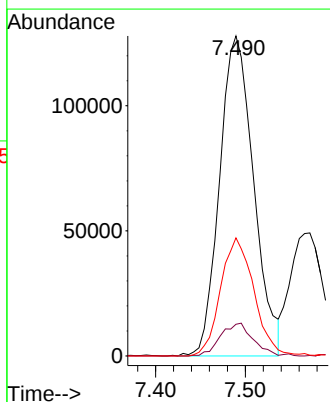
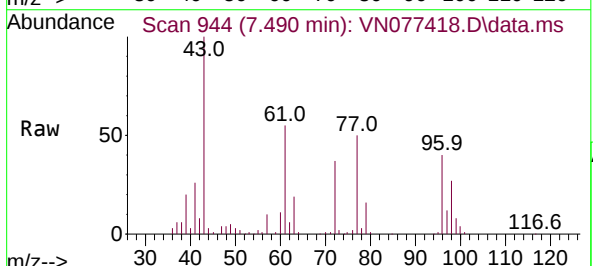
Manual Integrations
APPROVED

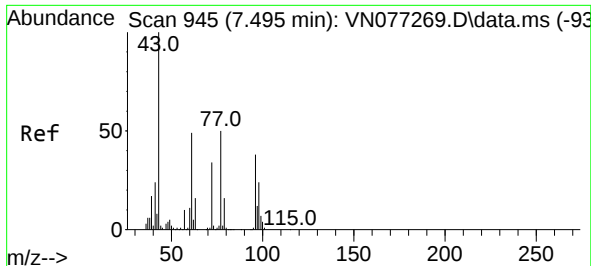
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#30
2-Butanone
Concen: 75.454 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion: 43 Resp: 338087
Ion Ratio Lower Upper
43 100
57 9.7 7.5 11.3
72 36.0 26.9 40.3





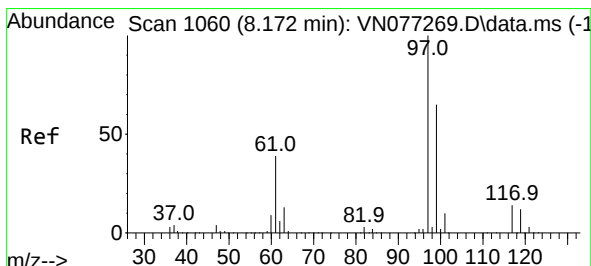
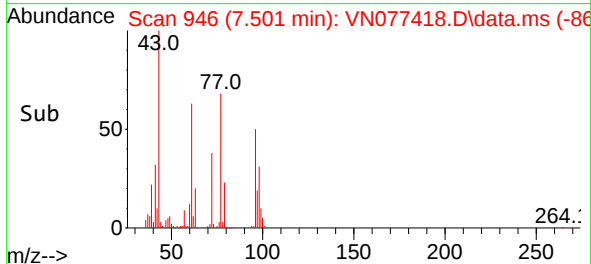
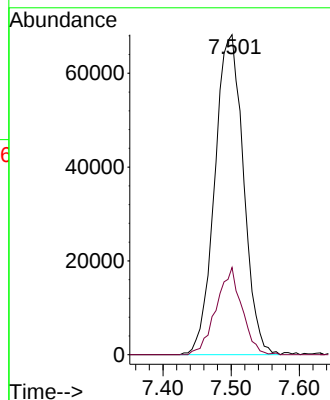
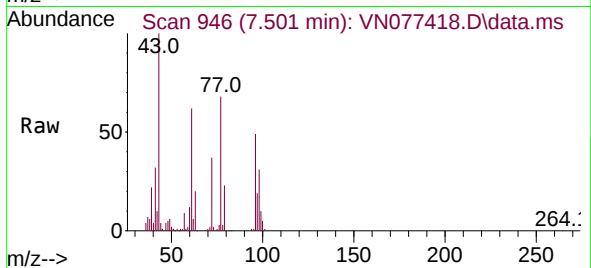
#31
2,2-Dichloropropane
Concen: 17.184 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion: 77 Resp: 19987
Ion Ratio Lower Upper
77 100
97 24.3 18.8 28.2

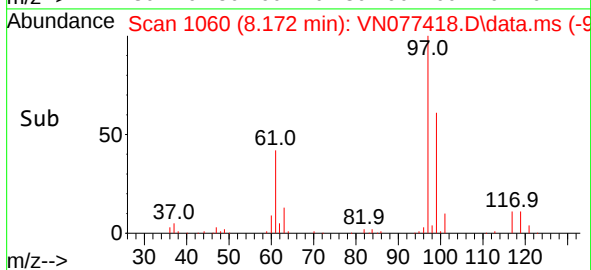
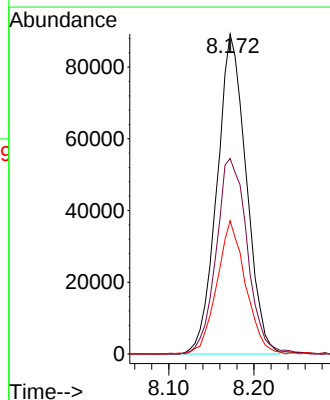
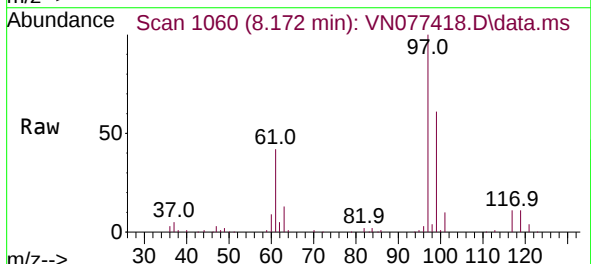
Manual Integrations
APPROVED

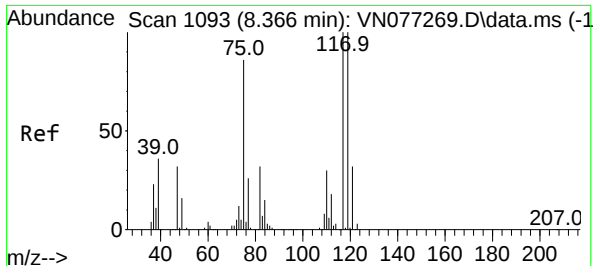
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#32
1,1,1-Trichloroethane
Concen: 18.284 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

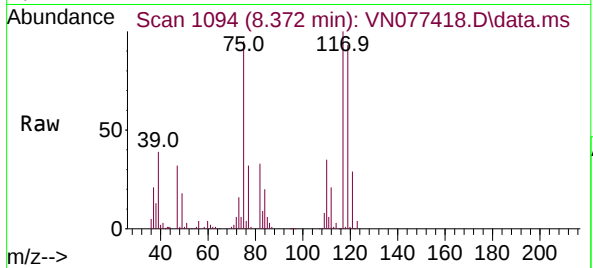
Tgt Ion: 97 Resp: 213208
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 40.8 32.4 48.6





#33
Carbon Tetrachloride
Concen: 18.133 ug/l
RT: 8.372 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

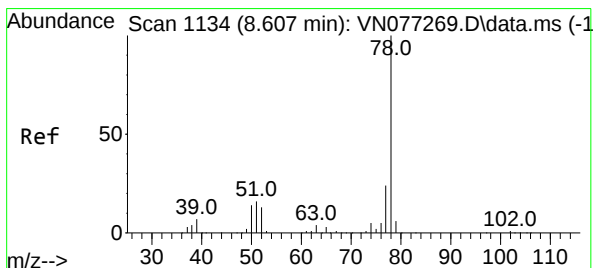
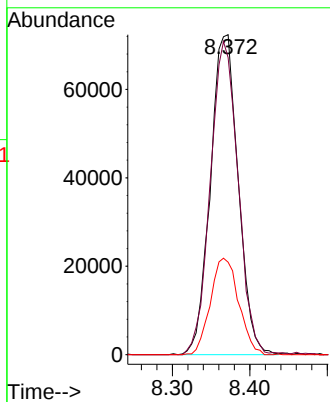
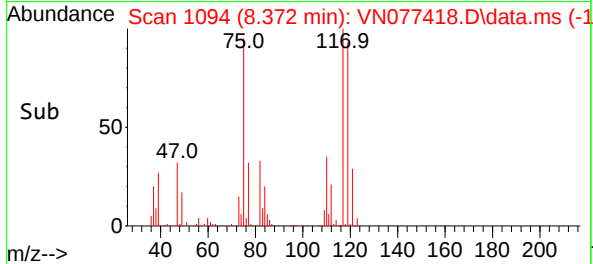
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



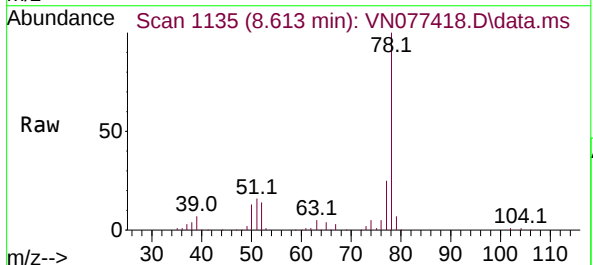
Tgt Ion: 117 Resp: 18046
Ion Ratio Lower Upper
117 100
119 92.9 80.2 120.4
121 28.9 26.0 39.0

Manual Integrations
APPROVED

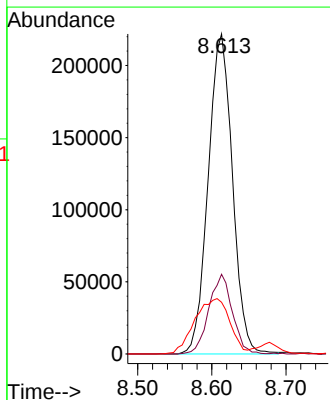
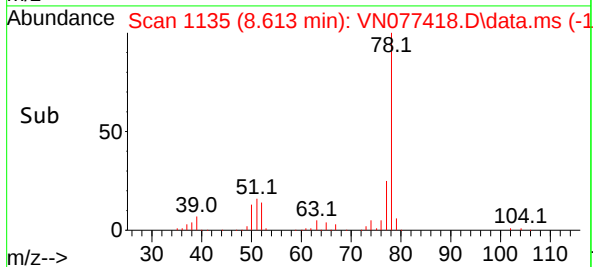
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

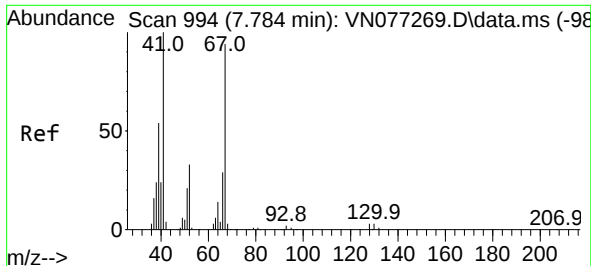


#34
Benzene
Concen: 17.237 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



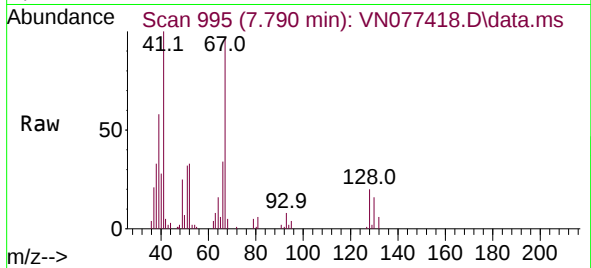
Tgt Ion: 78 Resp: 505353
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0
51 14.1 12.6 19.0





#35
Methacrylonitrile
Concen: 16.687 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

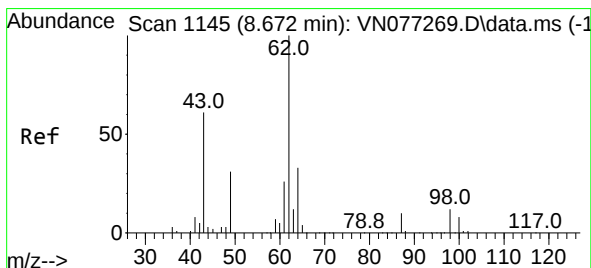
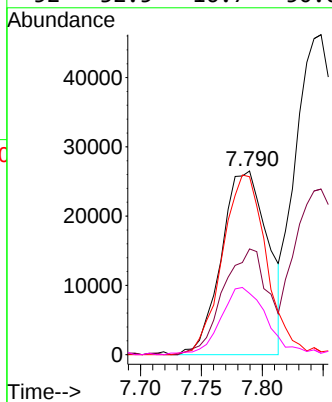
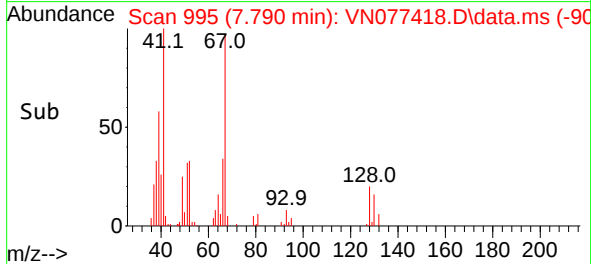
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 41 Resp: 7043
Ion Ratio Lower Upper
41 100
39 57.6 27.1 81.2
67 96.1 46.8 140.4
52 32.5 16.7 50.0

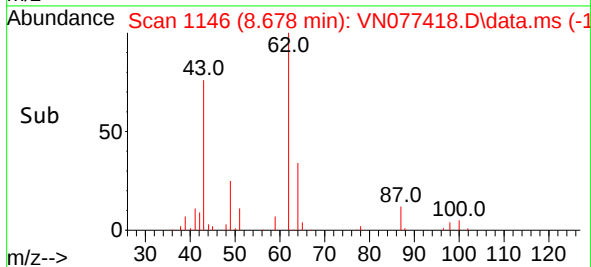
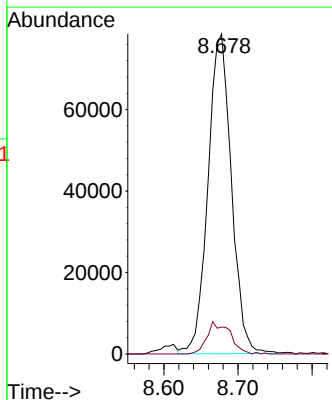
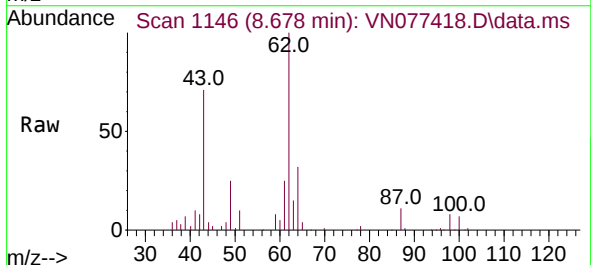
Manual Integrations
APPROVED

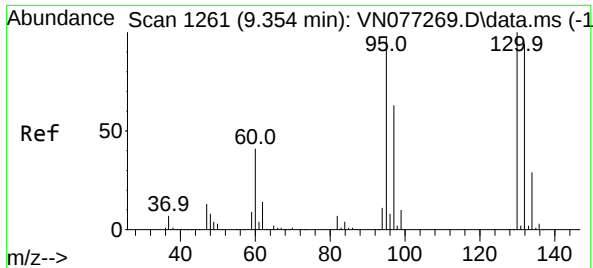
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#36
1,2-Dichloroethane
Concen: 18.765 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

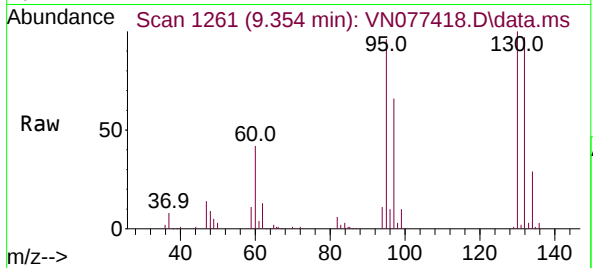
Tgt Ion: 62 Resp: 172482
Ion Ratio Lower Upper
62 100
98 4.8 8.3 12.5#





#37
Trichloroethene
Concen: 18.475 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

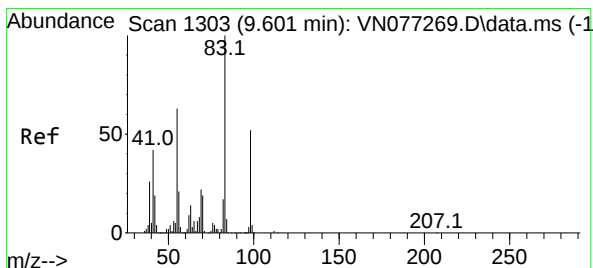
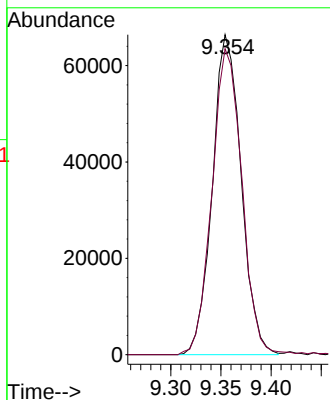
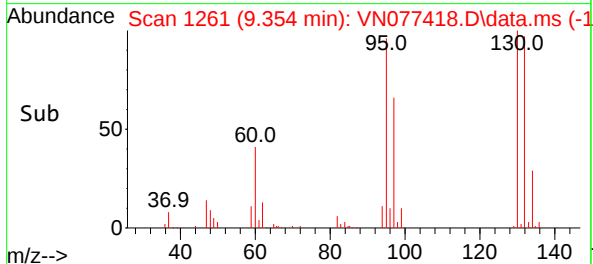
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion:130 Resp: 13248
Ion Ratio Lower Upper
130 100
95 95.6 77.5 116.3

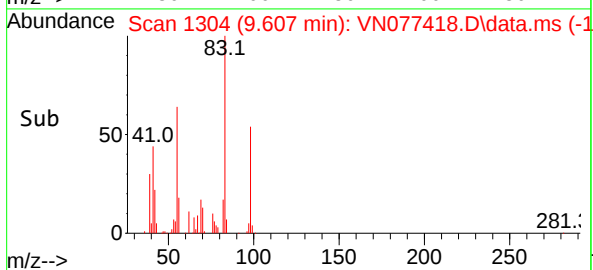
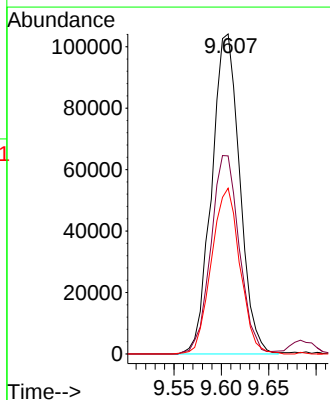
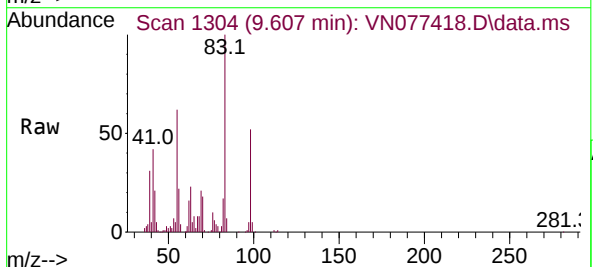
Manual Integrations
APPROVED

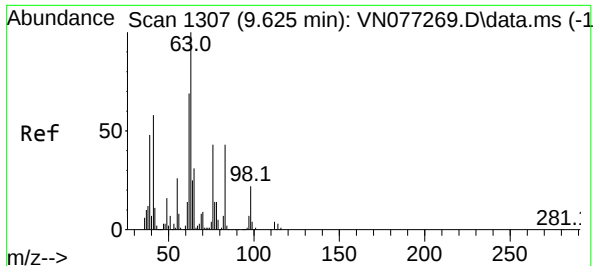
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#38
Methylcyclohexane
Concen: 16.715 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion: 83 Resp: 214806
Ion Ratio Lower Upper
83 100
55 62.9 32.0 96.2
98 52.5 25.3 75.9





#39

1,2-Dichloropropane

Concen: 16.741 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBS01

Tgt Ion: 63 Resp: 12184

Ion Ratio Lower Upper

63 100

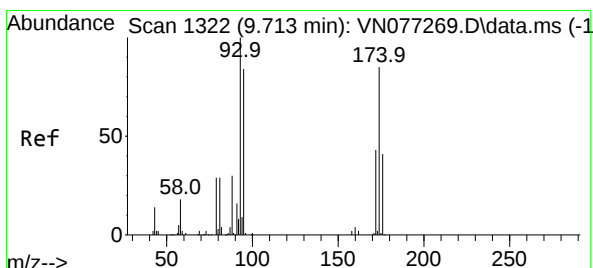
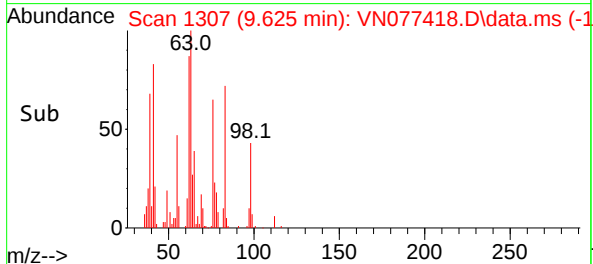
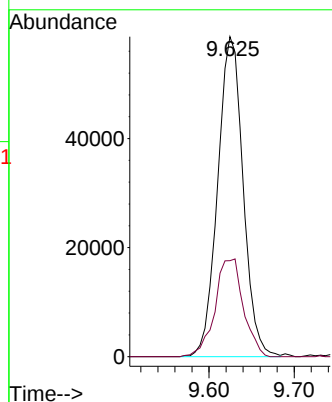
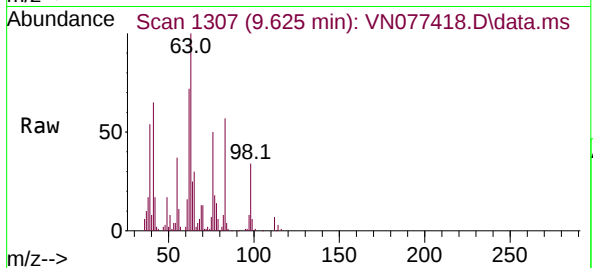
65 30.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#40

Dibromomethane

Concen: 18.265 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

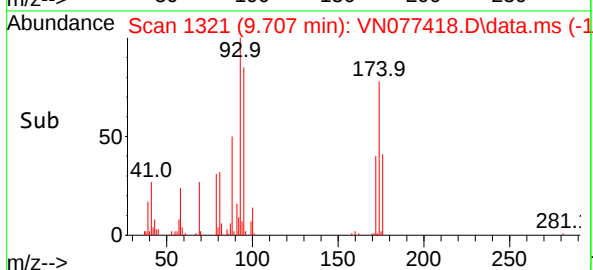
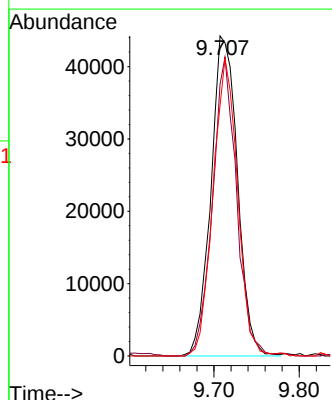
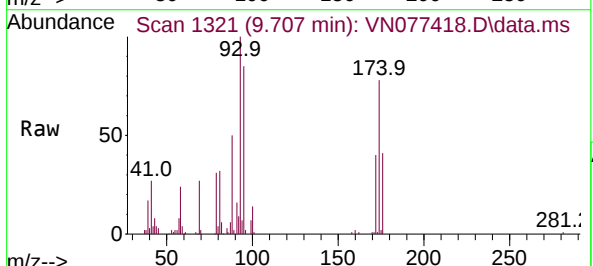
Tgt Ion: 93 Resp: 95780

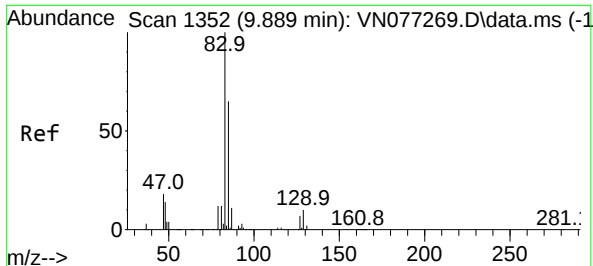
Ion Ratio Lower Upper

93 100

95 84.2 0.0 166.4

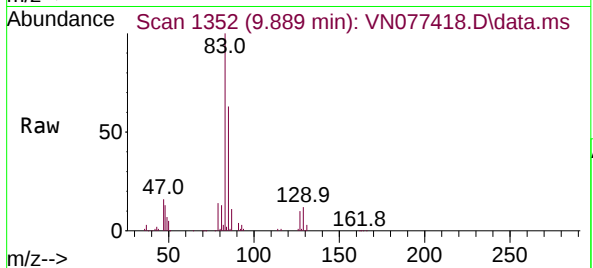
174 85.7 0.0 164.8





#41
Bromodichloromethane
Concen: 17.911 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

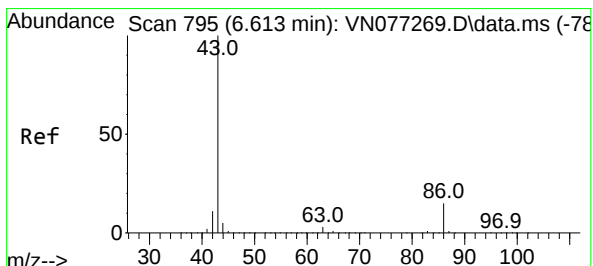
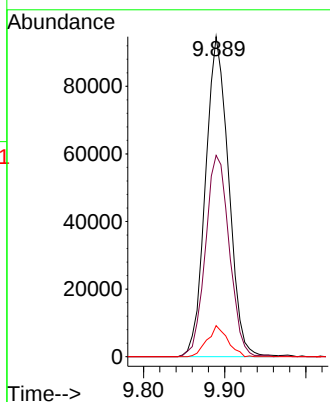
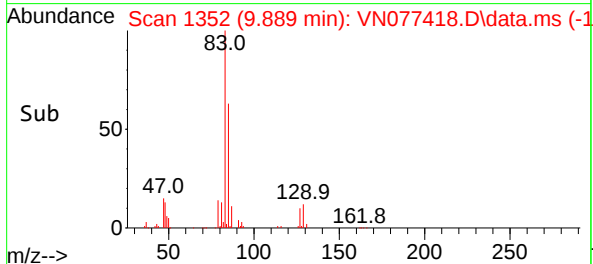
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 83 Resp: 187280
Ion Ratio Lower Upper
83 100
85 62.9 52.3 78.5
127 9.7 5.9 8.9

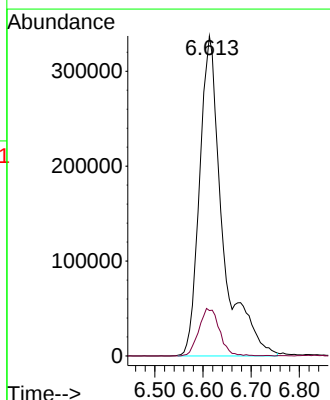
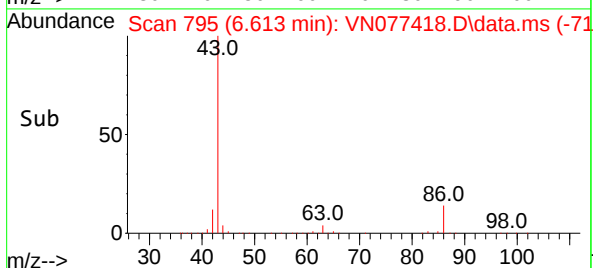
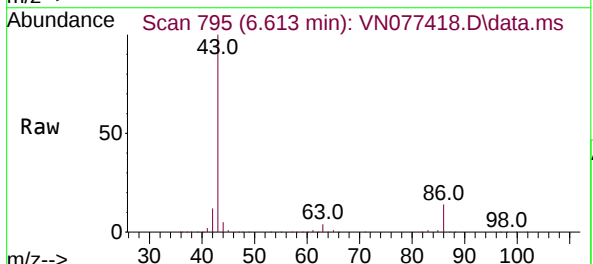
Manual Integrations
APPROVED

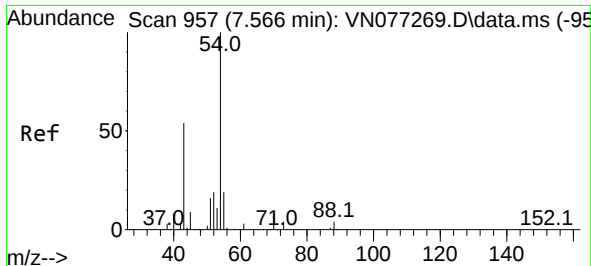
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#42
Vinyl Acetate
Concen: 86.178 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

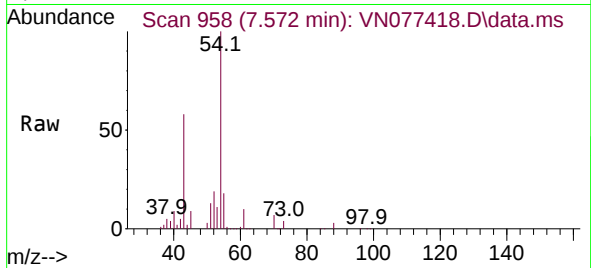
Tgt Ion: 43 Resp: 1117562
Ion Ratio Lower Upper
43 100
86 13.2 0.0 0.0#





#43
Ethyl Acetate
Concen: 14.244 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

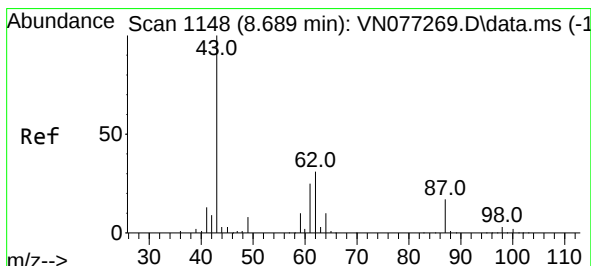
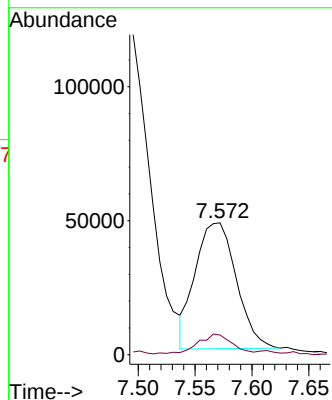
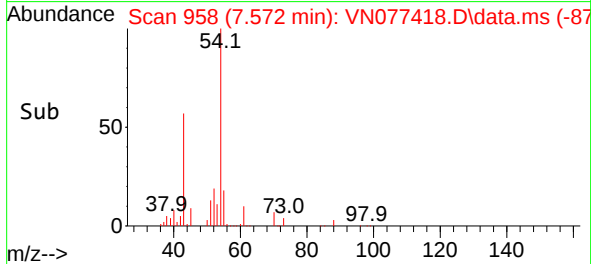
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 43 Resp: 11808
Ion Ratio Lower Upper
43 100
45 14.3 12.3 18.5

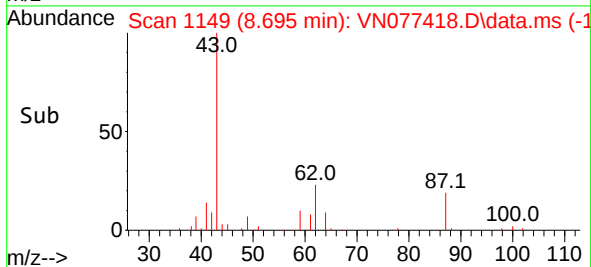
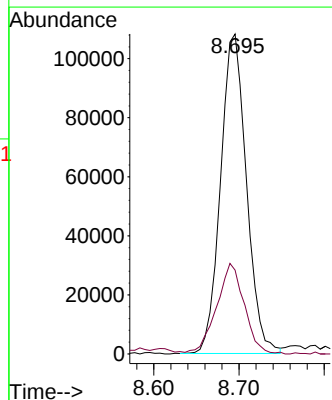
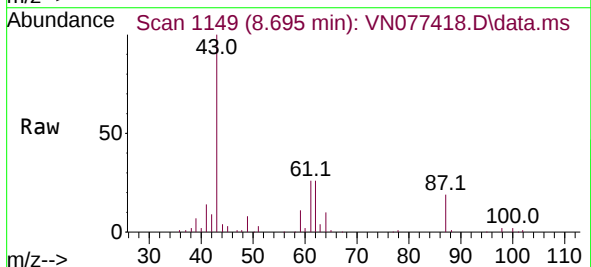
Manual Integrations
APPROVED

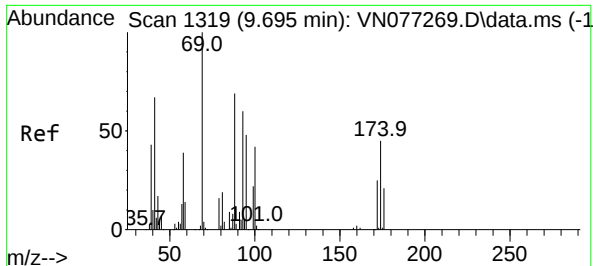
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#44
Isopropyl Acetate
Concen: 15.387 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

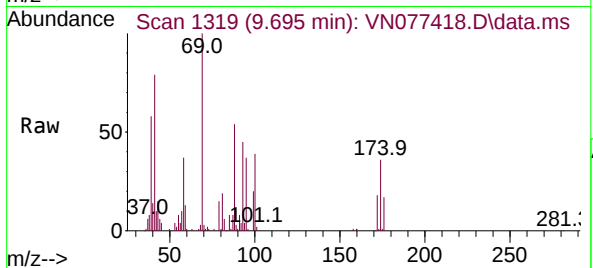
Tgt Ion: 43 Resp: 228393
Ion Ratio Lower Upper
43 100
61 30.3 0.0 0.0#





#45
1,4-Dioxane
Concen: 324.159 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

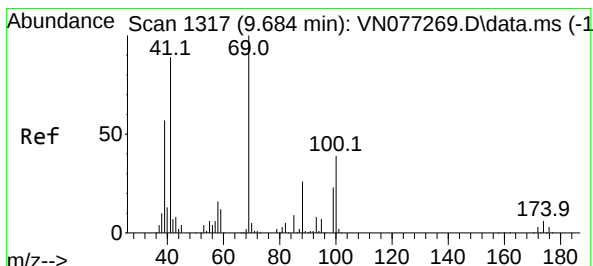
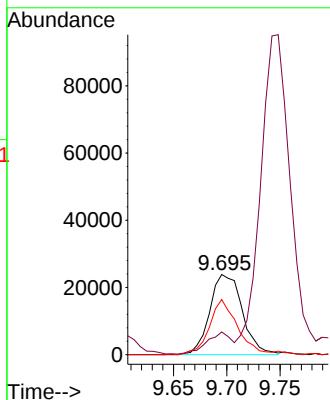
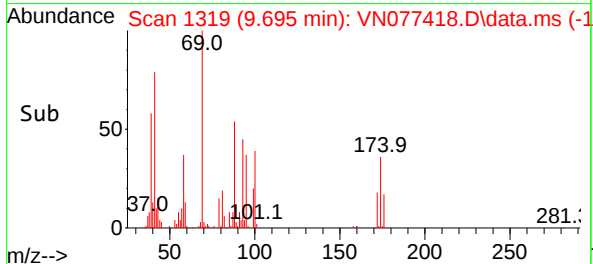
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



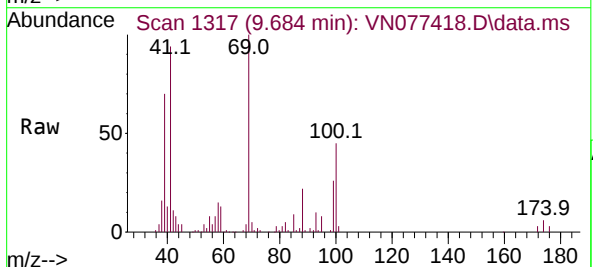
Tgt Ion: 88 Resp: 5074
Ion Ratio Lower Upper
88 100
43 20.5 17.4 26.0
58 59.2 48.2 72.4

Manual Integrations
APPROVED

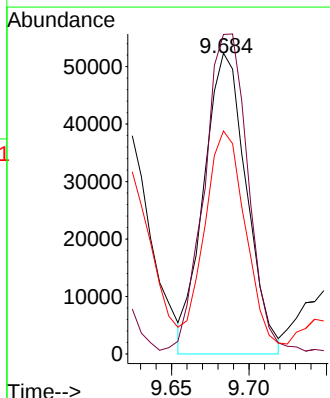
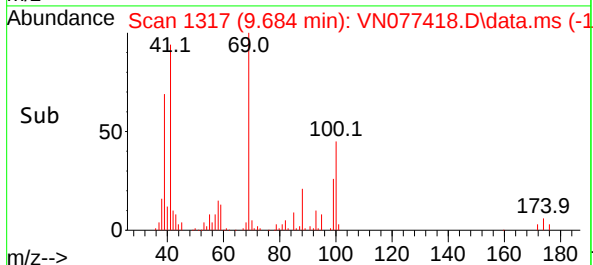
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

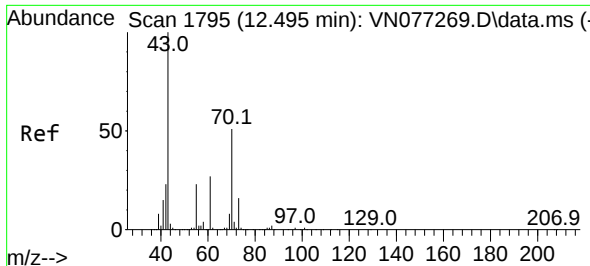


#46
Methyl methacrylate
Concen: 15.705 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



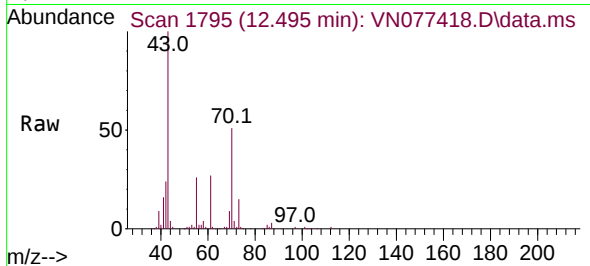
Tgt Ion: 41 Resp: 100365
Ion Ratio Lower Upper
41 100
69 107.6 54.5 163.5
39 74.3 33.4 100.2





#47
n-amy1 Acetate
Concen: 14.773 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

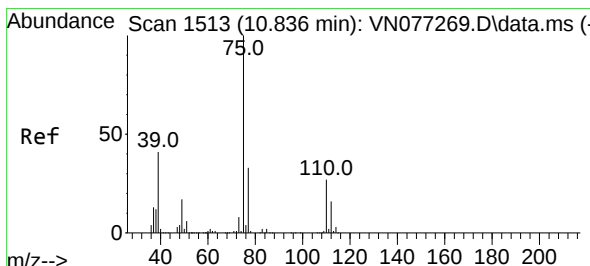
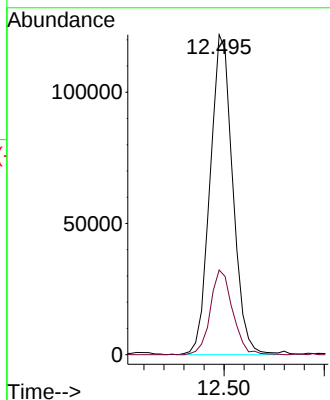
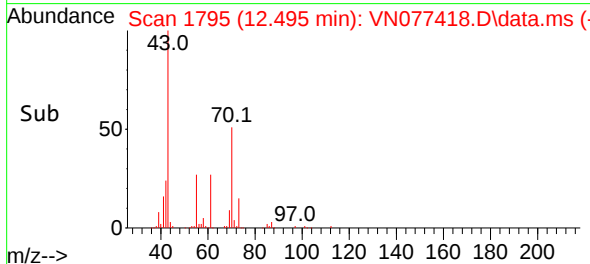
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 43 Resp: 191620
Ion Ratio Lower Upper
43 100
55 25.9 19.4 29.0

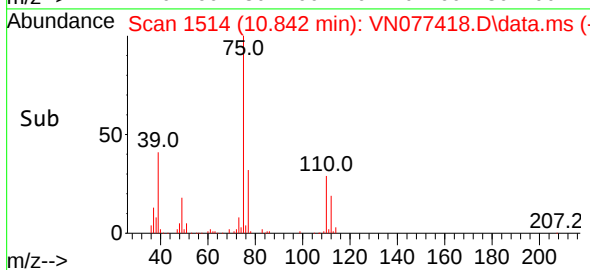
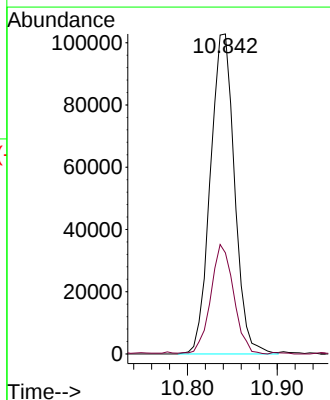
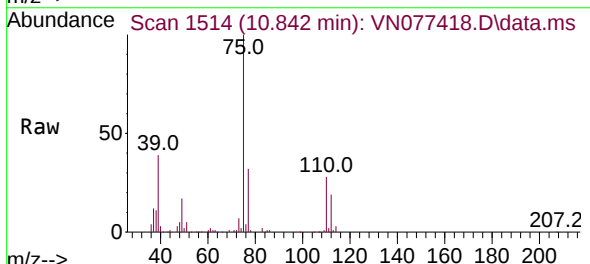
Manual Integrations
APPROVED

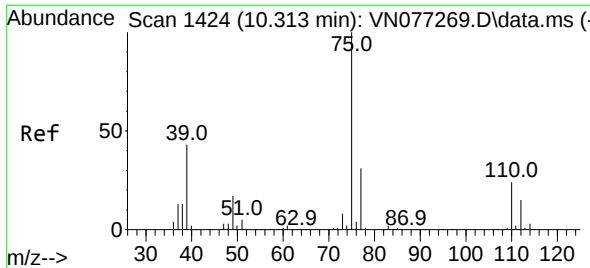
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#48
t-1,3-Dichloropropene
Concen: 16.463 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

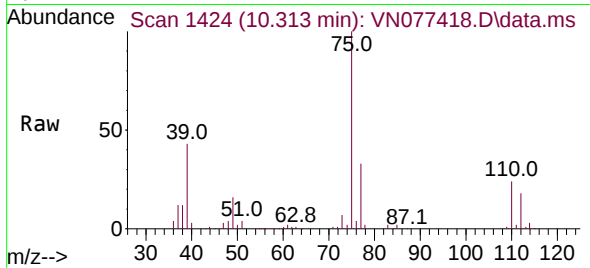
Tgt Ion: 75 Resp: 192656
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7





#49
cis-1,3-Dichloropropene
Concen: 16.895 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

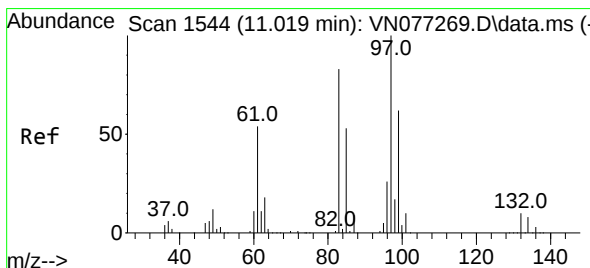
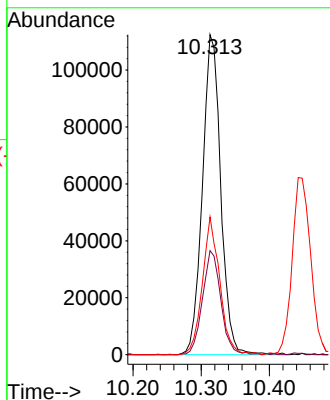
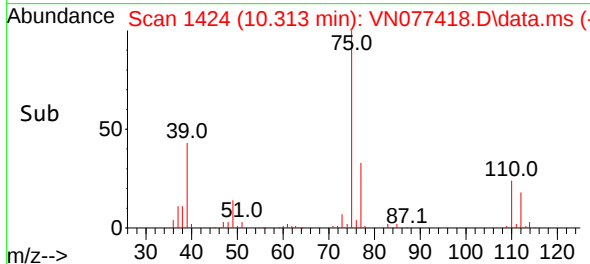
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 75 Resp: 210332
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.6
39 43.0 34.4 51.6

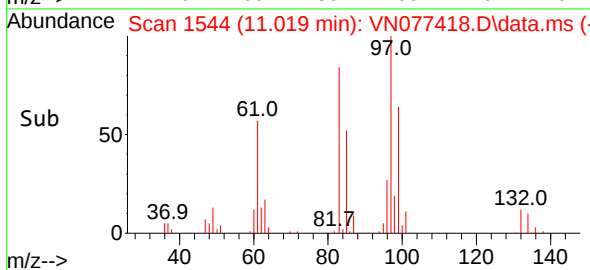
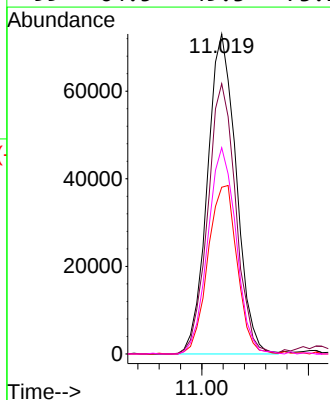
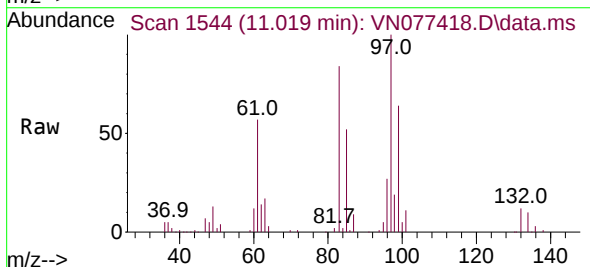
Manual Integrations
APPROVED

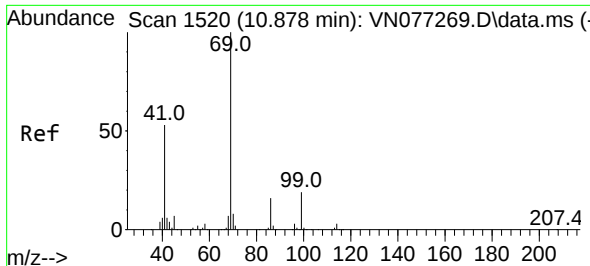
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#50
1,1,2-Trichloroethane
Concen: 18.010 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

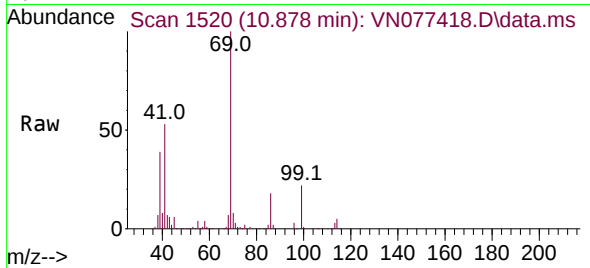
Tgt Ion: 97 Resp: 137176
Ion Ratio Lower Upper
97 100
83 84.2 66.7 100.1
85 52.1 42.4 63.6
99 64.5 49.3 73.9





#51
Ethyl methacrylate
Concen: 16.252 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

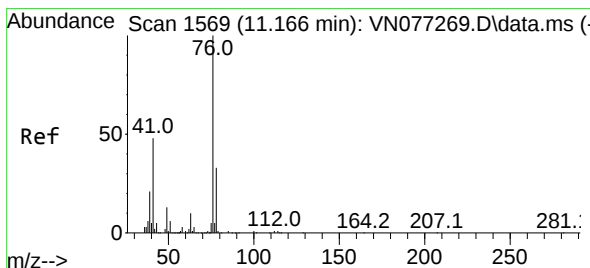
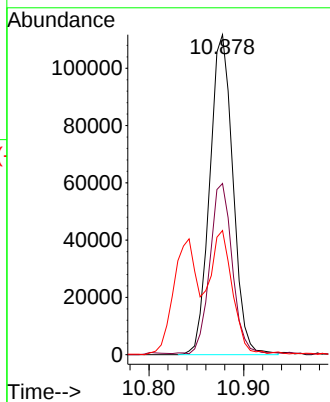
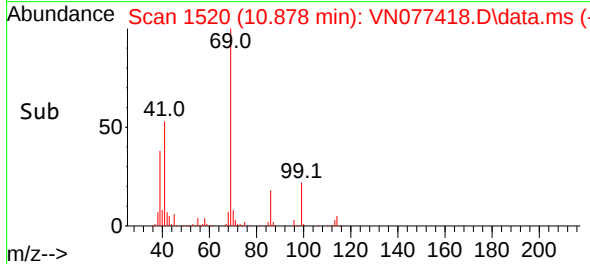
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 69 Resp: 190100
Ion Ratio Lower Upper
69 100
41 52.9 26.7 80.0
39 37.9 17.0 50.9

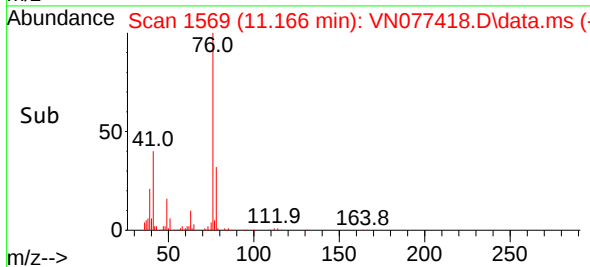
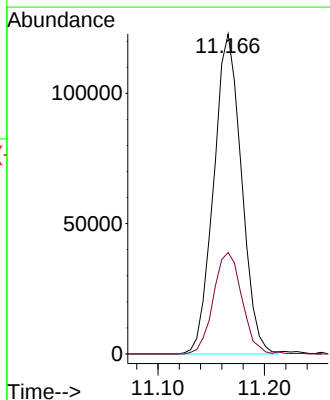
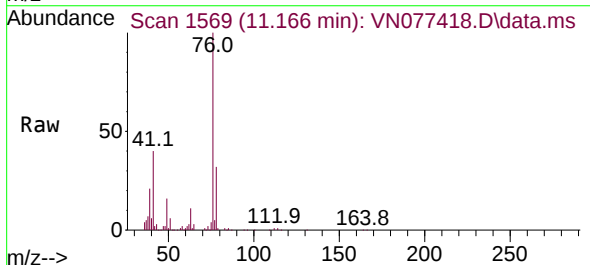
Manual Integrations
APPROVED

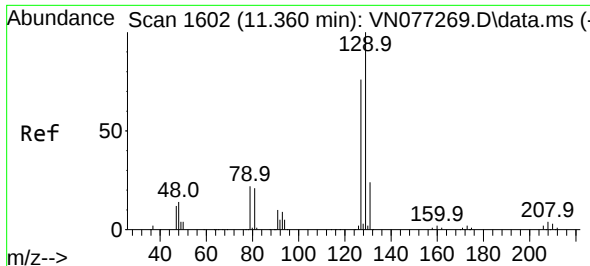
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#52
1,3-Dichloropropane
Concen: 17.497 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

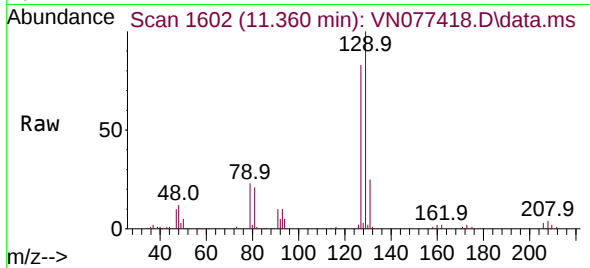
Tgt Ion: 76 Resp: 222428
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53
Dibromochloromethane
Concen: 17.957 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

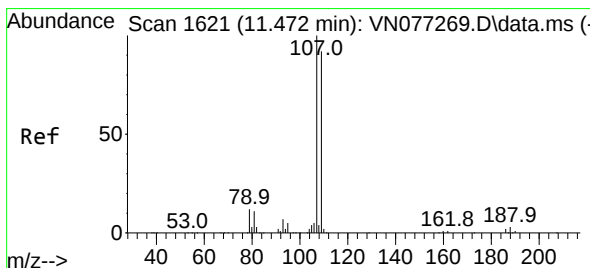
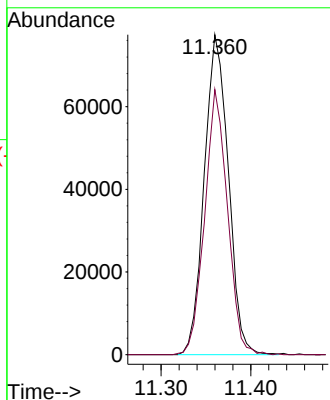
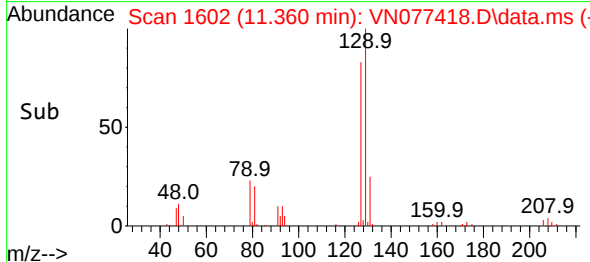
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



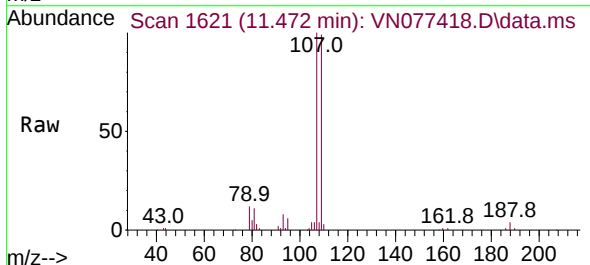
Tgt Ion:129 Resp: 14415
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

Manual Integrations
APPROVED

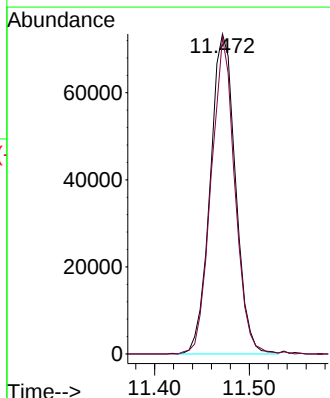
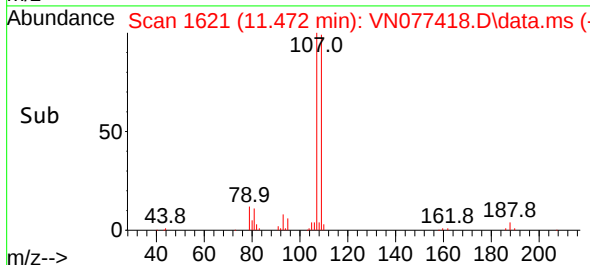
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

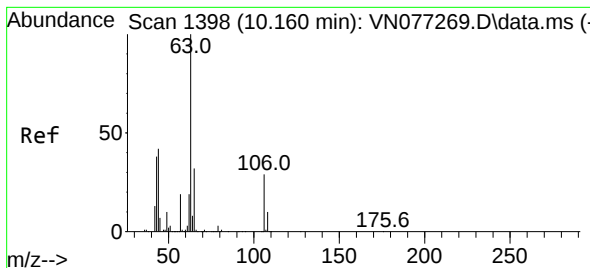


#54
1,2-Dibromoethane
Concen: 17.771 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



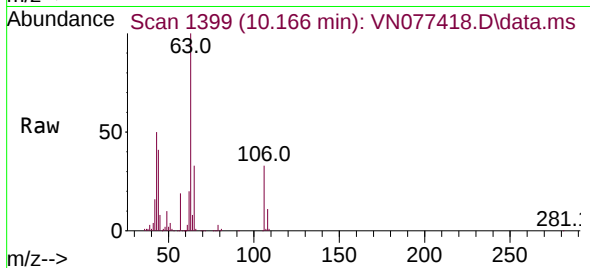
Tgt Ion:107 Resp: 135886
Ion Ratio Lower Upper
107 100
109 92.8 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 94.217 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

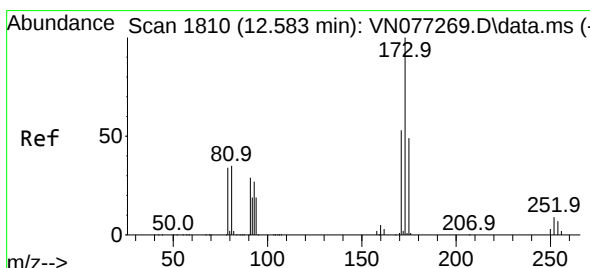
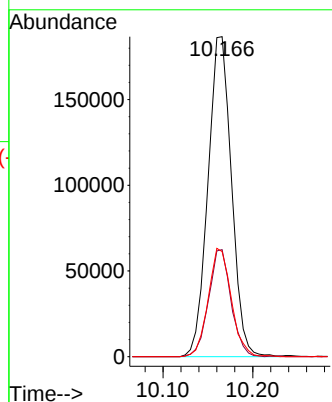
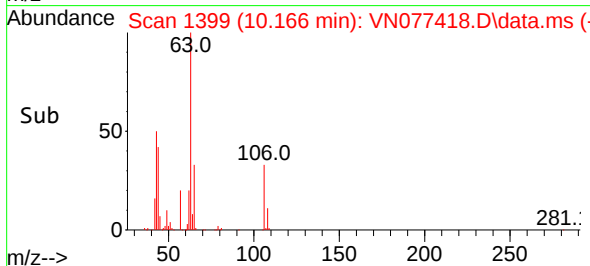
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 63 Resp: 34025
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 33.1 24.0 36.0

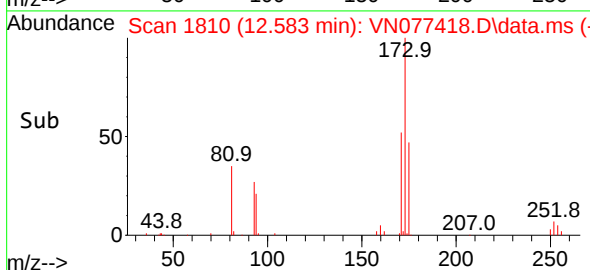
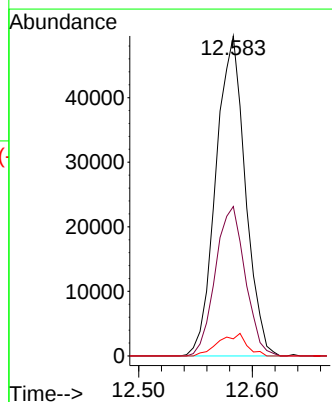
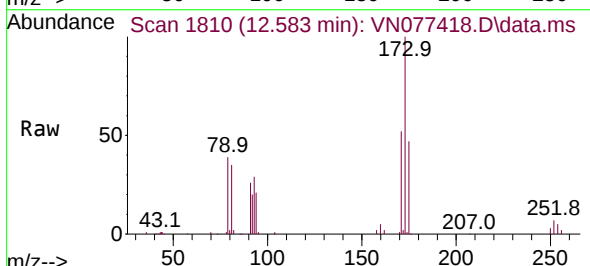
Manual Integrations
APPROVED

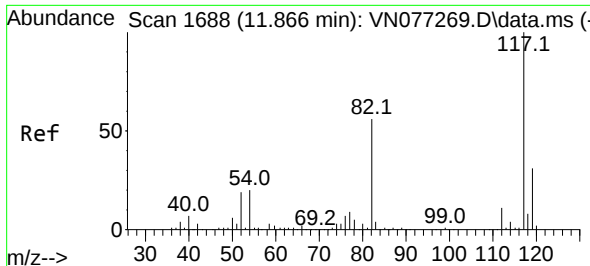
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#56
Bromoform
Concen: 16.525 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

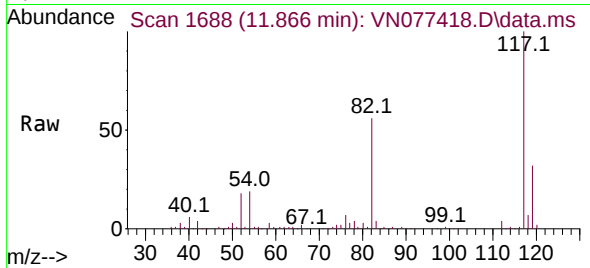
Tgt Ion:173 Resp: 89115
Ion Ratio Lower Upper
173 100
175 47.3 38.2 57.2
254 2.5 6.0 9.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

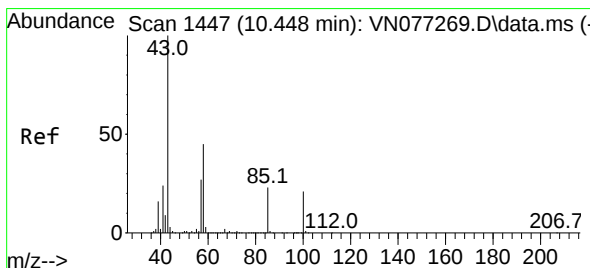
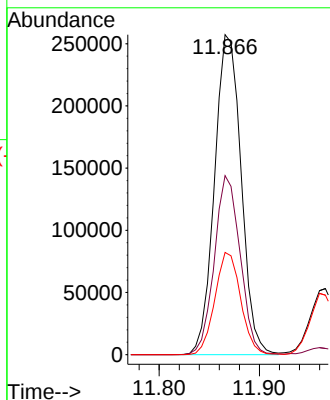
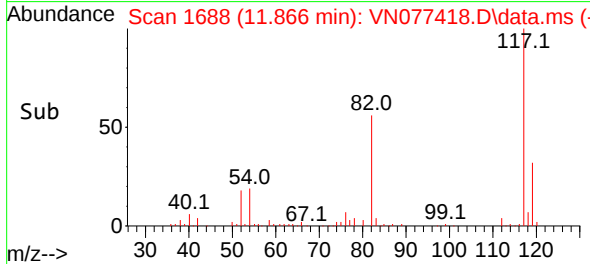
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion:117 Resp: 47486
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 30.9 25.4 38.0

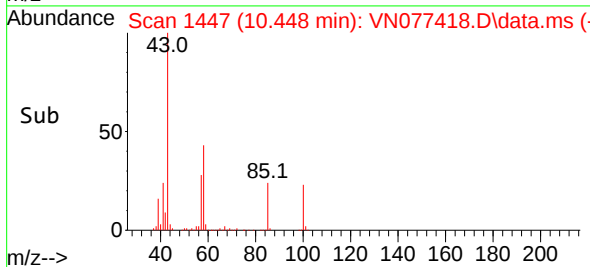
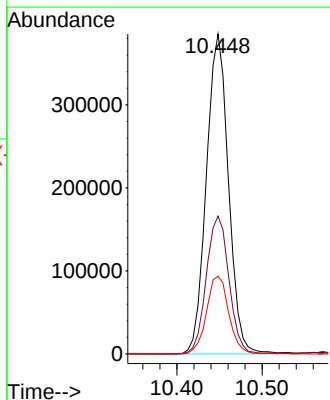
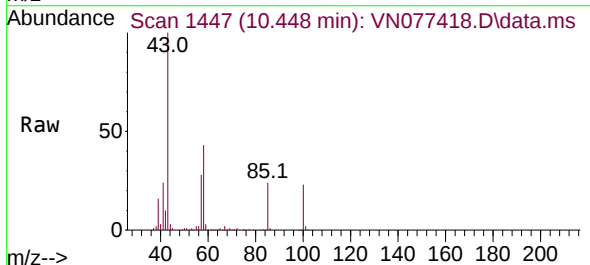
Manual Integrations
APPROVED

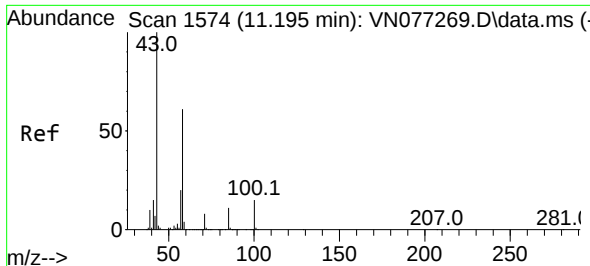
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#58
4-Methyl-2-Pentanone
Concen: 78.061 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

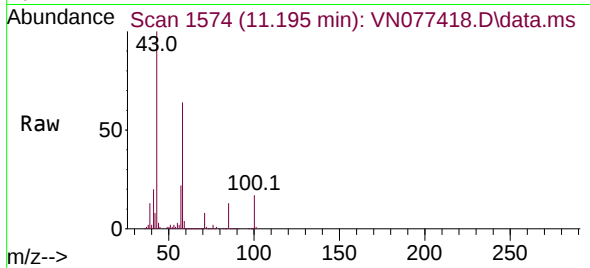
Tgt Ion: 43 Resp: 694048
Ion Ratio Lower Upper
43 100
58 44.0 34.7 52.1
85 24.4 17.8 26.8





#59
2-Hexanone
Concen: 74.436 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

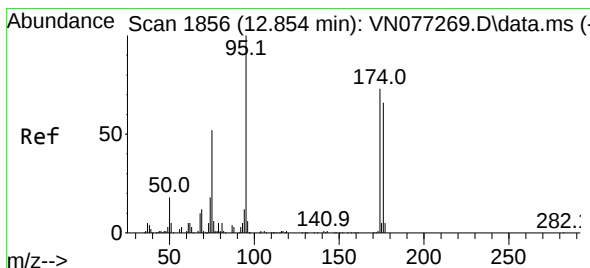
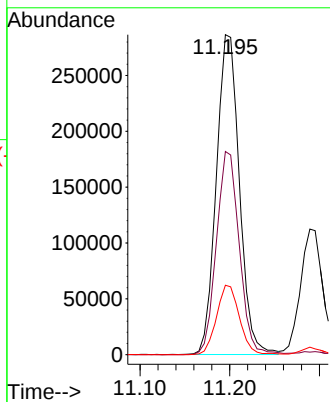
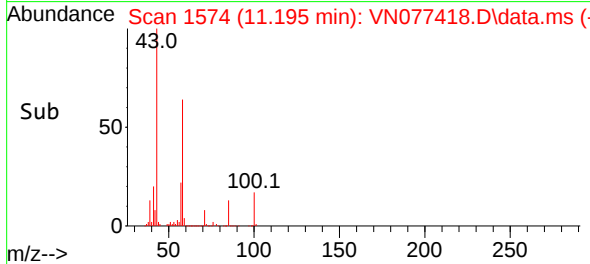
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 43 Resp: 51156
Ion Ratio Lower Upper
43 100
58 62.9 48.6 73.0
57 21.4 16.7 25.1

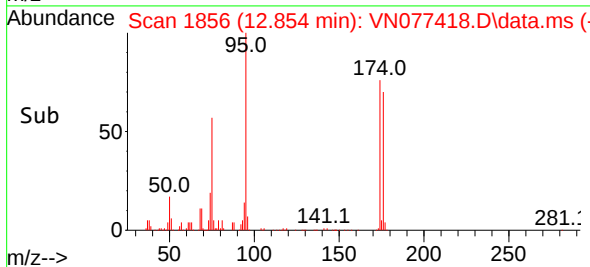
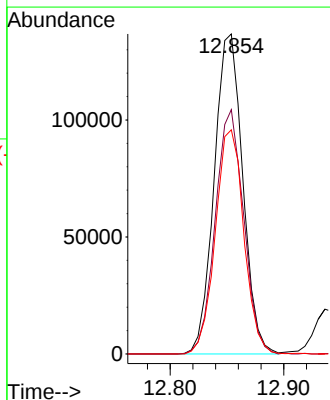
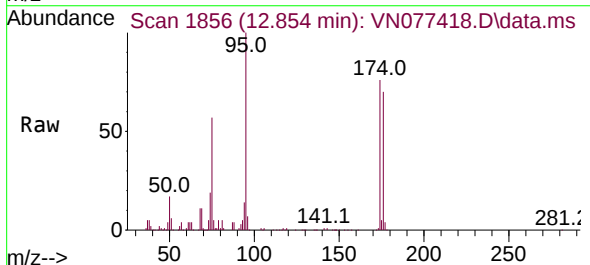
Manual Integrations
APPROVED

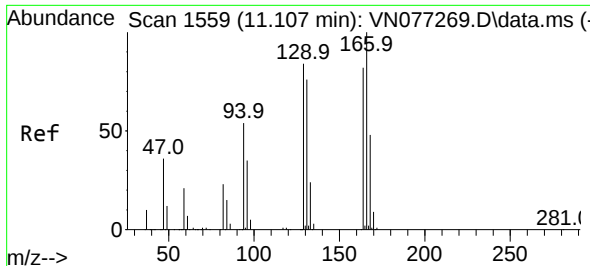
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#60
4-Bromofluorobenzene
Concen: 29.058 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

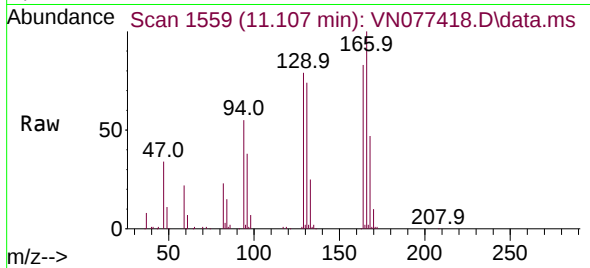
Tgt Ion: 95 Resp: 238603
Ion Ratio Lower Upper
95 100
174 75.8 57.8 86.8
176 70.1 54.6 81.8





#61
Tetrachloroethene
Concen: 18.105 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

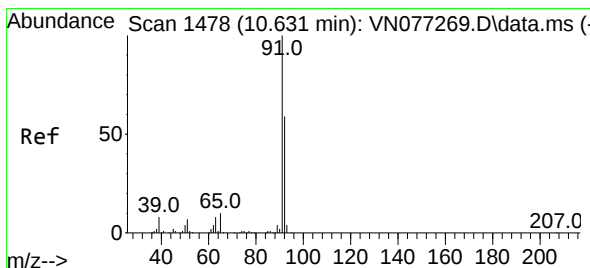
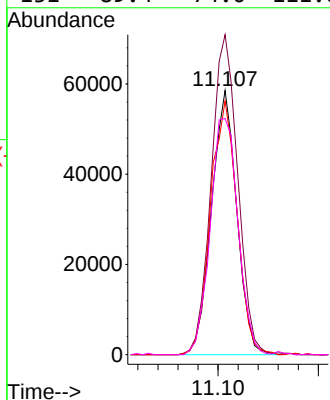
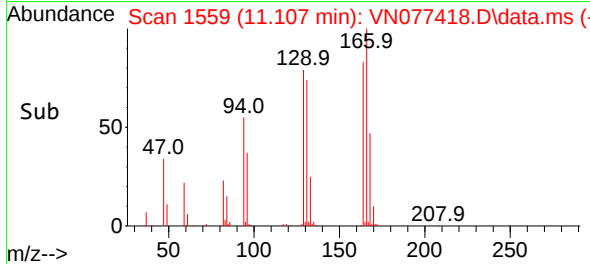
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



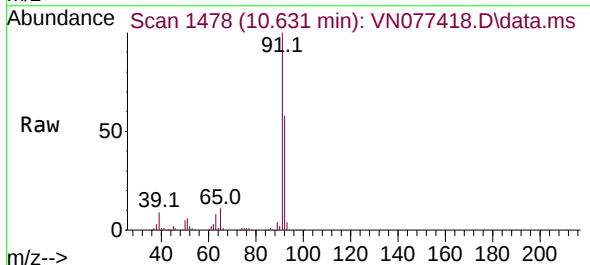
Tgt Ion:164 Resp: 10226
Ion Ratio Lower Upper
164 100
166 121.1 97.9 146.9
129 96.0 82.5 123.7
131 89.4 74.0 111.0

Manual Integrations
APPROVED

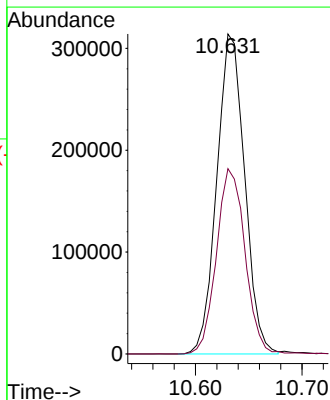
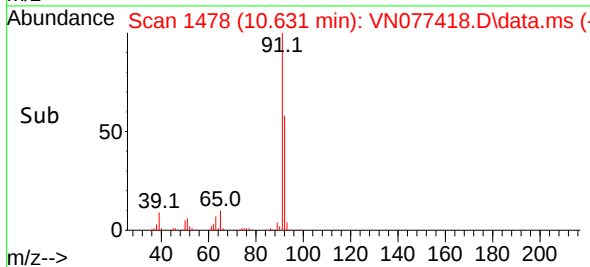
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

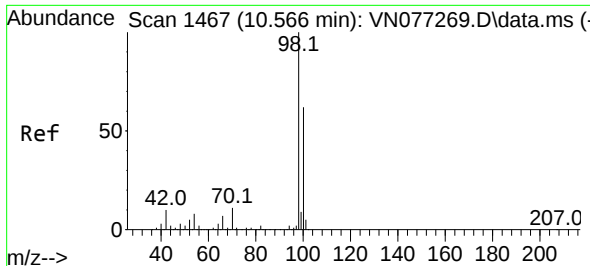


#62
Toluene
Concen: 17.217 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



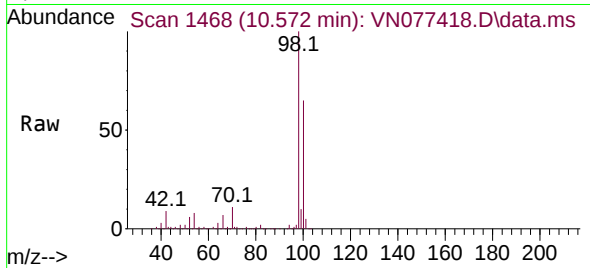
Tgt Ion: 91 Resp: 570444
Ion Ratio Lower Upper
91 100
92 59.2 46.6 70.0





#63
Toluene-d8
Concen: 29.402 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

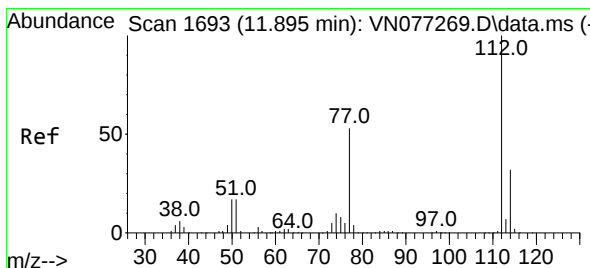
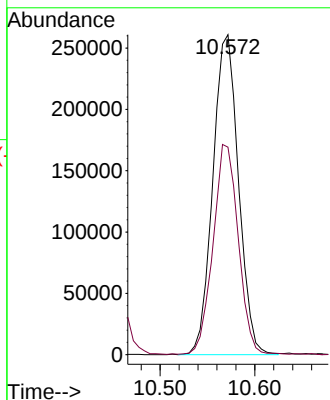
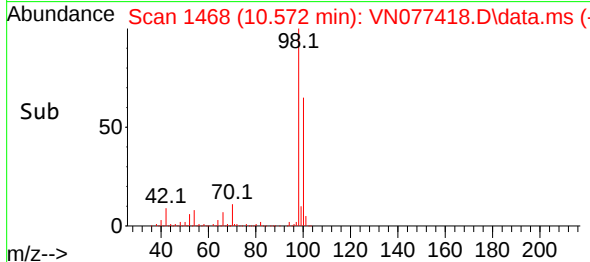
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion: 98 Resp: 490834
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2

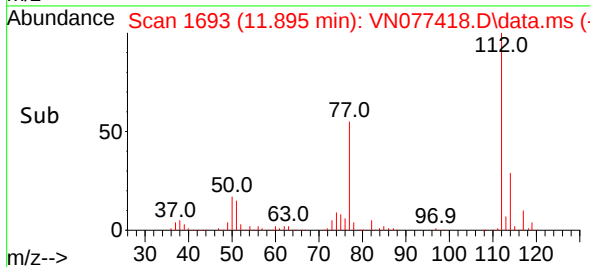
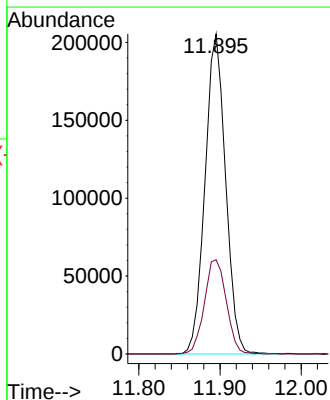
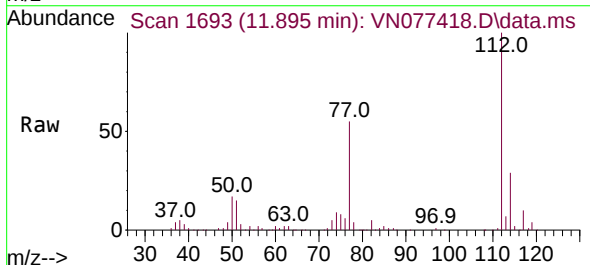
Manual Integrations
APPROVED

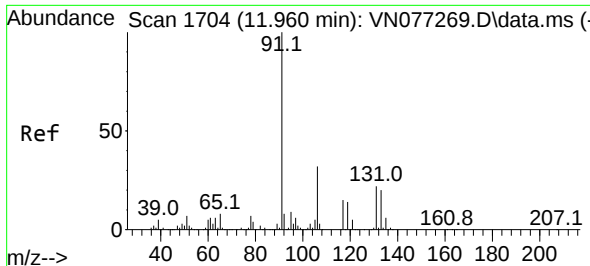
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#64
Chlorobenzene
Concen: 17.962 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

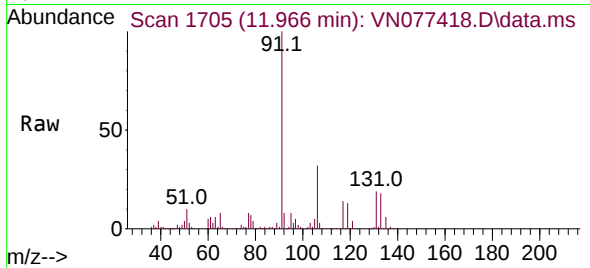
Tgt Ion:112 Resp: 361554
Ion Ratio Lower Upper
112 100
114 29.3 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 17.614 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

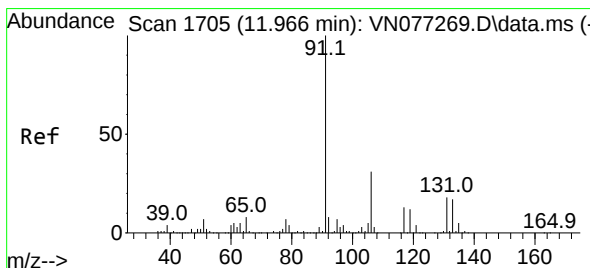
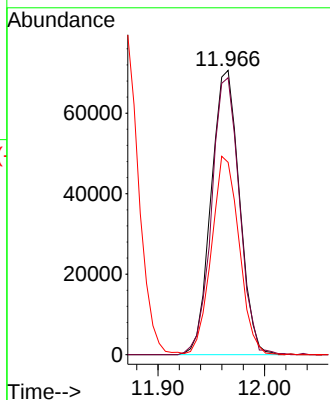
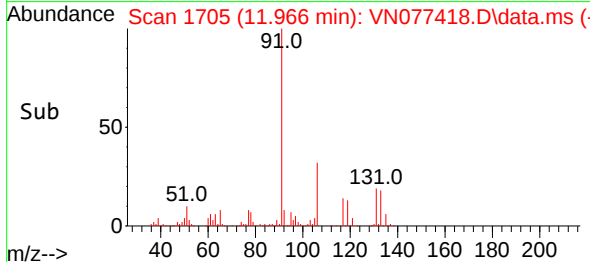
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion:131 Resp: 13038
Ion Ratio Lower Upper
131 100
133 95.4 0.0 184.4
119 68.0 0.0 134.8

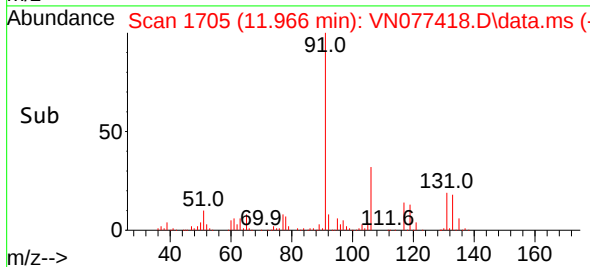
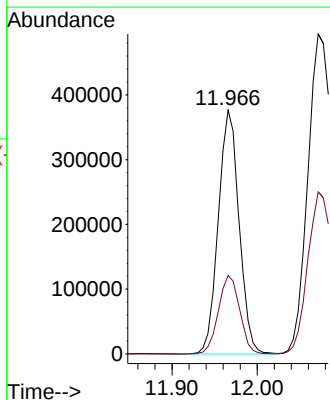
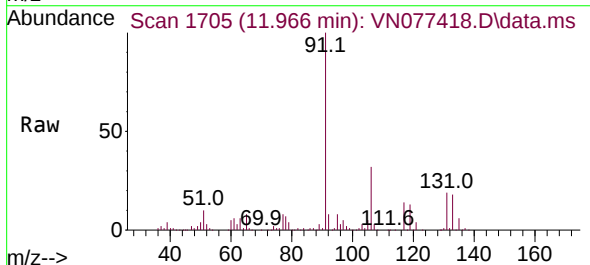
Manual Integrations
APPROVED

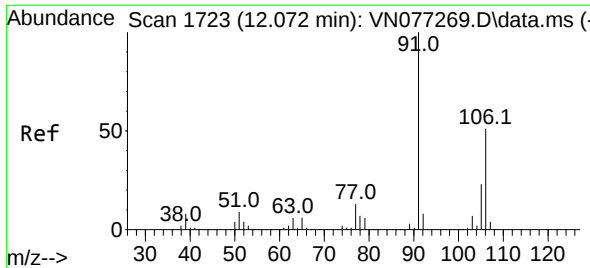
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#66
Ethyl Benzene
Concen: 17.374 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion: 91 Resp: 637751
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6





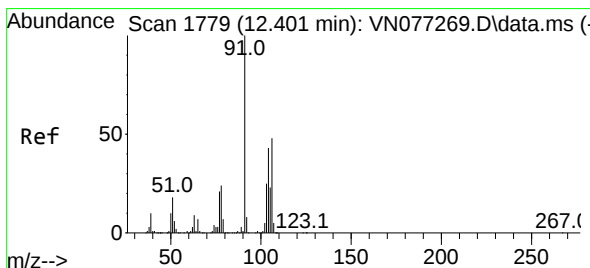
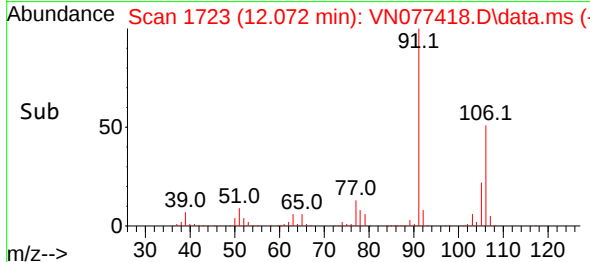
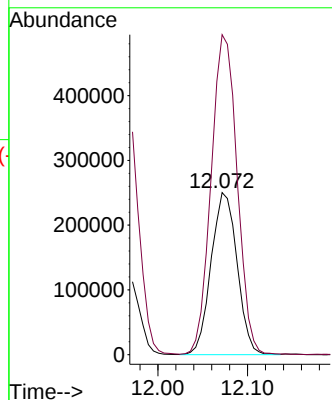
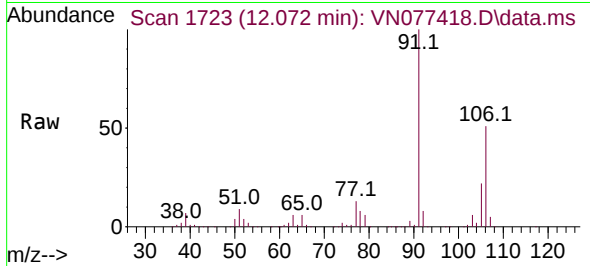
#67
m/p-Xylenes
Concen: 35.007 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion:106 Resp: 503679
Ion Ratio Lower Upper
106 100
91 196.7 158.0 237.0

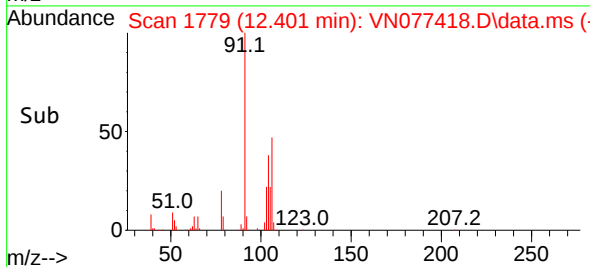
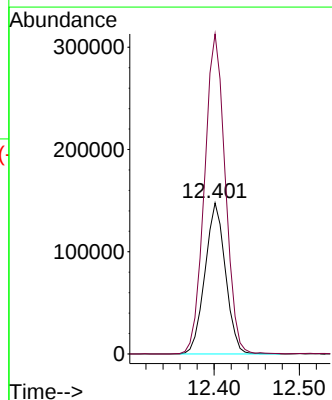
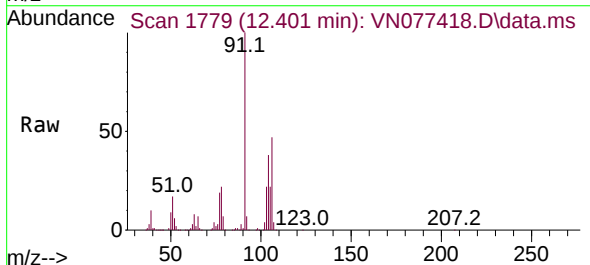
Manual Integrations
APPROVED

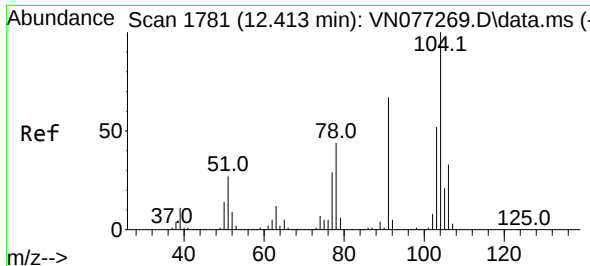
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#68
o-Xylene
Concen: 17.159 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion:106 Resp: 246986
Ion Ratio Lower Upper
106 100
91 214.3 103.6 310.8





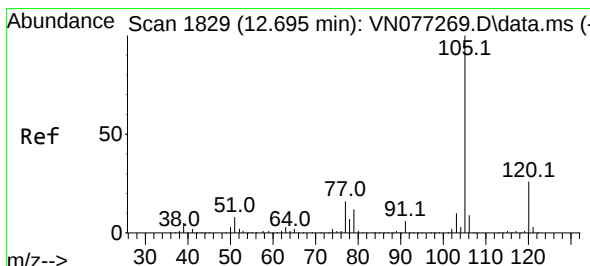
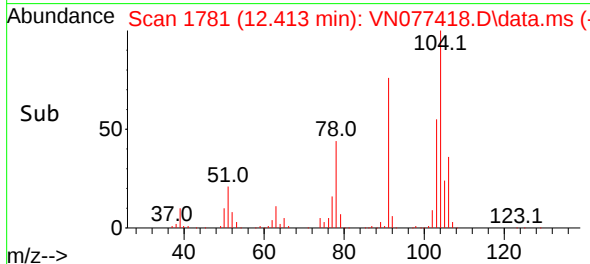
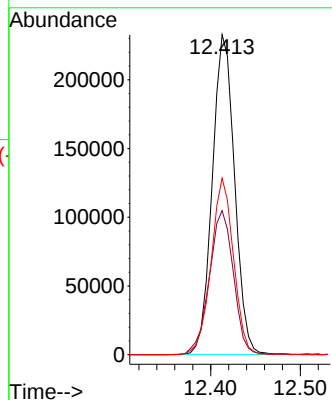
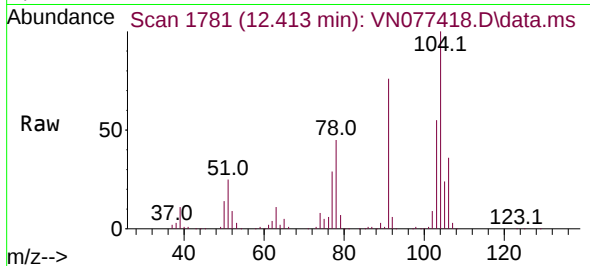
#69
Styrene
Concen: 17.373 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion:104 Resp: 400638
Ion Ratio Lower Upper
104 100
78 48.7 38.2 57.4
103 55.6 43.6 65.4

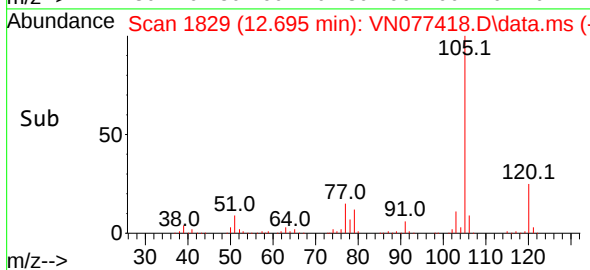
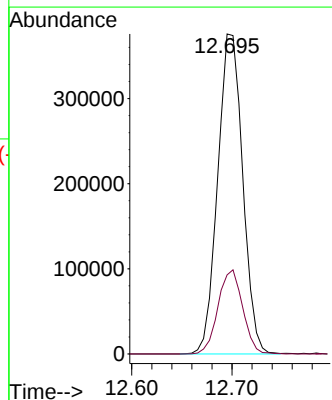
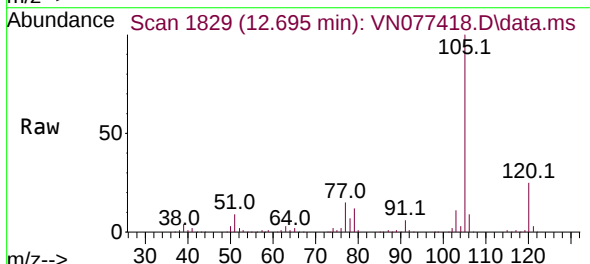
Manual Integrations
APPROVED

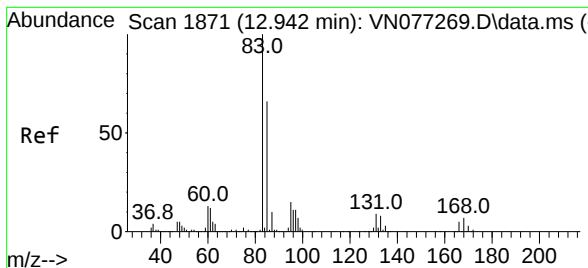
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#70
Isopropylbenzene
Concen: 17.833 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

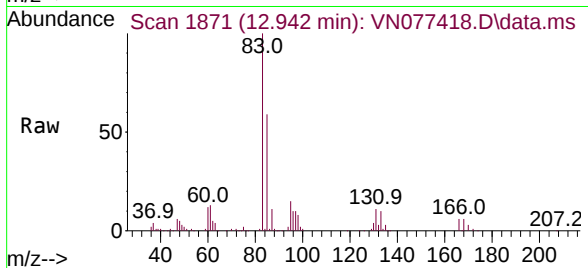
Tgt Ion:105 Resp: 651436
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 17.705 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

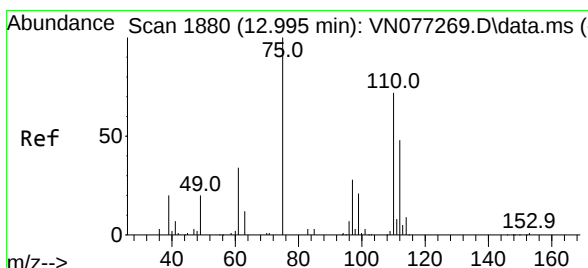
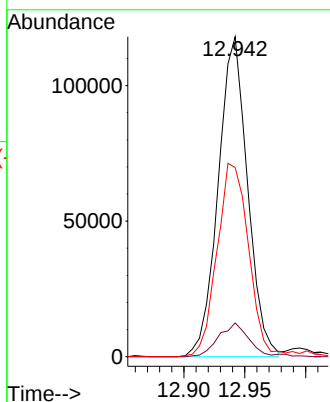
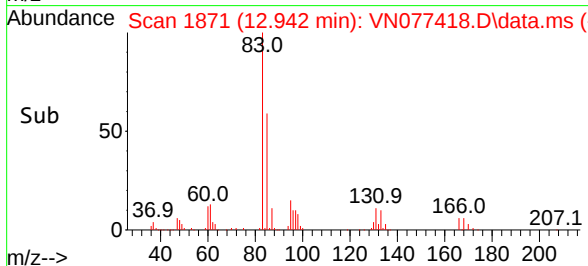
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



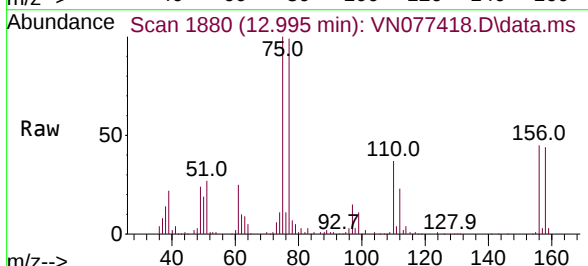
Tgt Ion: 83 Resp: 198054
Ion Ratio Lower Upper
83 100
131 10.7 4.7 14.0
85 65.3 32.3 96.8

Manual Integrations
APPROVED

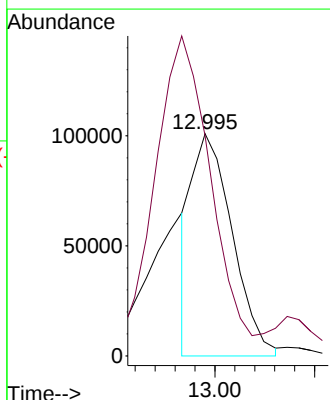
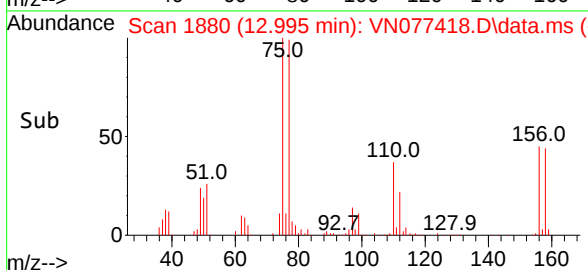
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

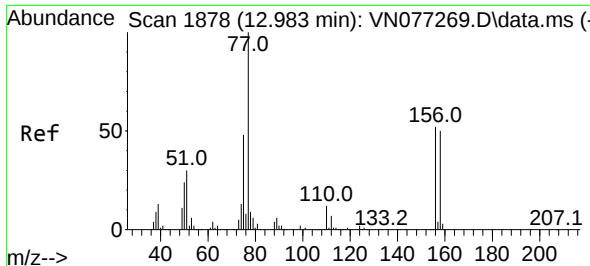


#72
1,2,3-Trichloropropane
Concen: 18.781 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



Tgt Ion: 75 Resp: 142810
Ion Ratio Lower Upper
75 100
77 200.2 0.0 434.2





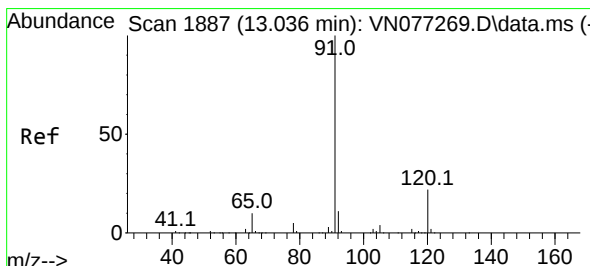
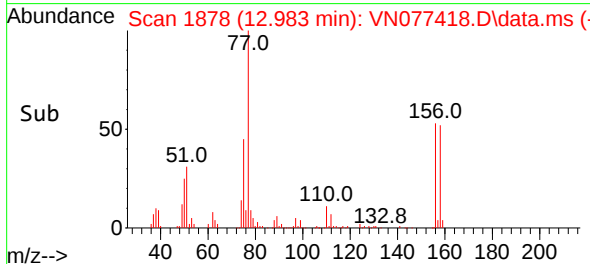
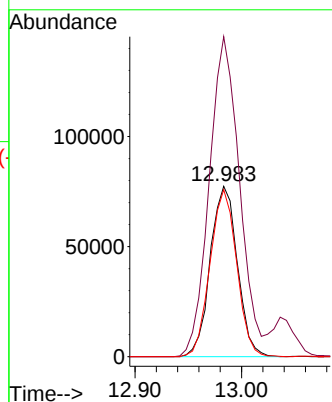
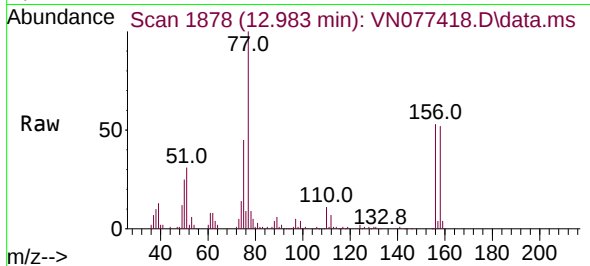
#73
Bromobenzene
Concen: 18.421 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion:156 Resp: 136714
Ion Ratio Lower Upper
156 100
77 209.1 0.0 456.6
158 96.2 0.0 195.6

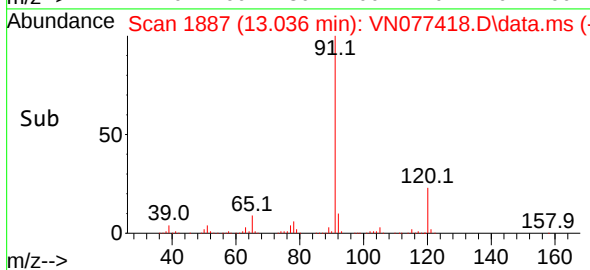
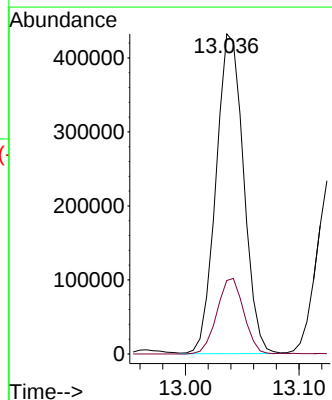
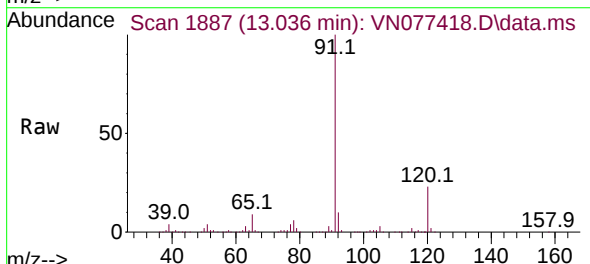
Manual Integrations
APPROVED

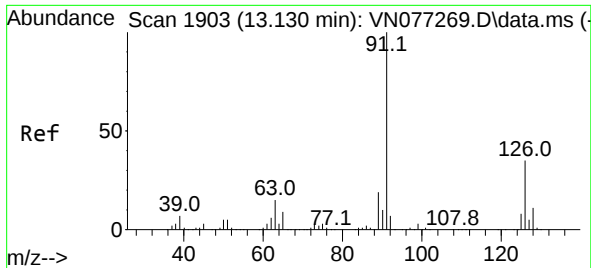
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#74
n-propylbenzene
Concen: 18.050 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion: 91 Resp: 729531
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.6





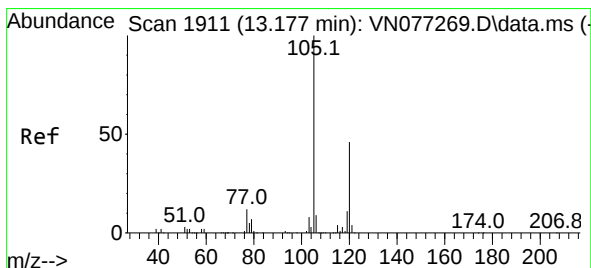
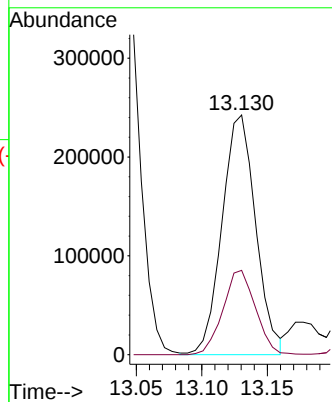
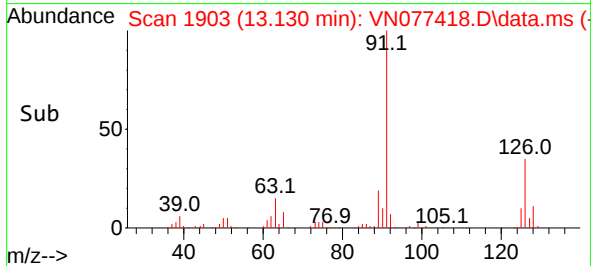
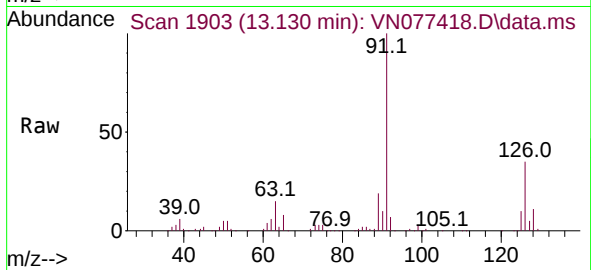
#75
2-Chlorotoluene
Concen: 17.900 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion: 91 Resp: 433408
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.0

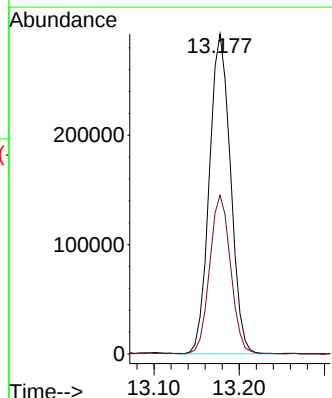
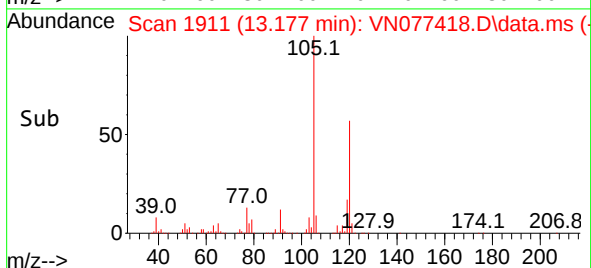
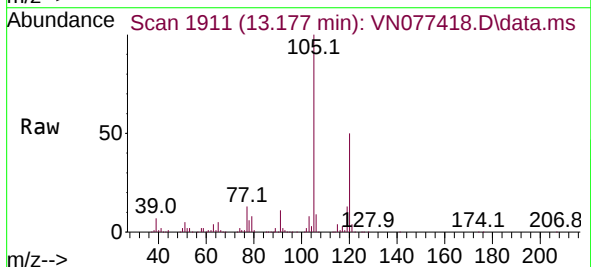
Manual Integrations
APPROVED

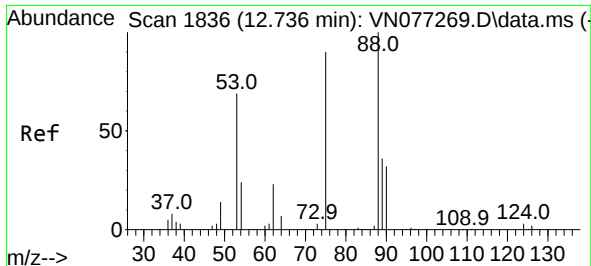
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#76
1,3,5-Trimethylbenzene
Concen: 16.988 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion:105 Resp: 505088
Ion Ratio Lower Upper
105 100
120 48.9 0.0 94.4





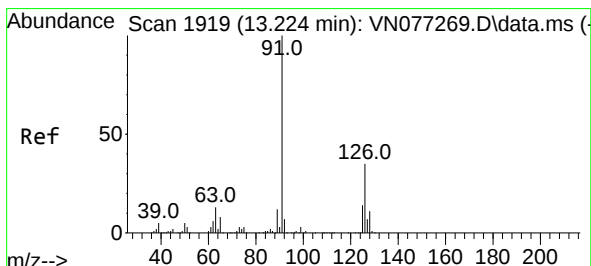
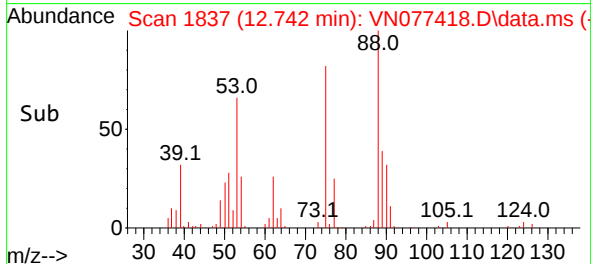
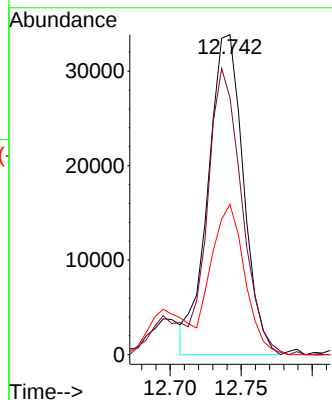
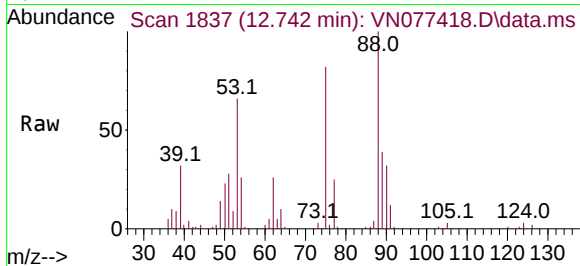
#77
t-1,4-Dichloro-2-butene
Concen: 15.131 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion: 75 Resp: 5860
Ion Ratio Lower Upper
75 100
53 79.2 38.8 116.4
89 45.7 23.2 69.6

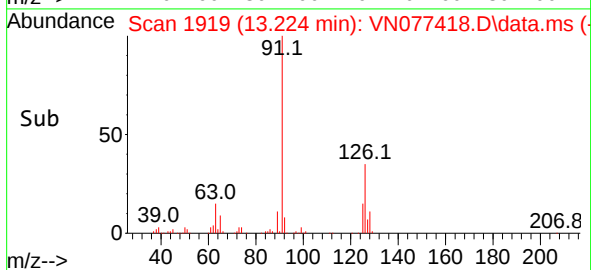
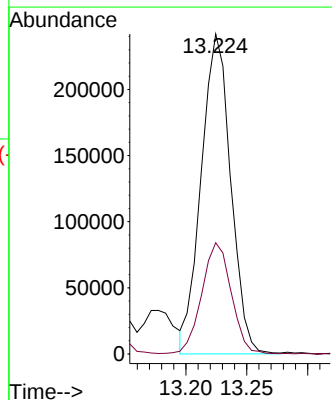
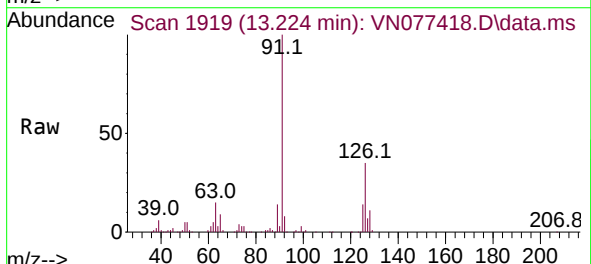
Manual Integrations
APPROVED

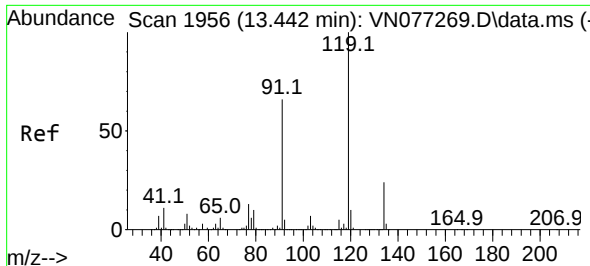
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#78
4-Chlorotoluene
Concen: 17.859 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

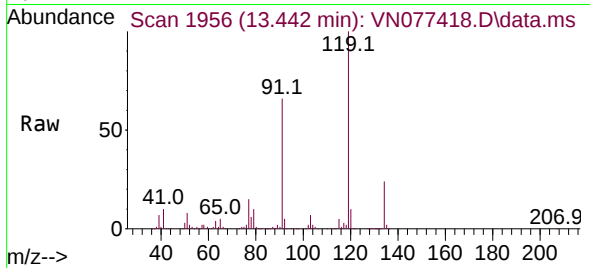
Tgt Ion: 91 Resp: 408584
Ion Ratio Lower Upper
91 100
126 34.8 0.0 67.4





#79
tert-butylbenzene
Concen: 18.120 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

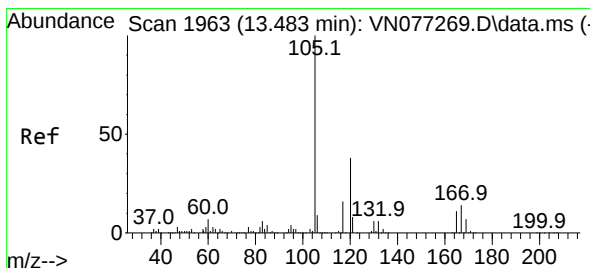
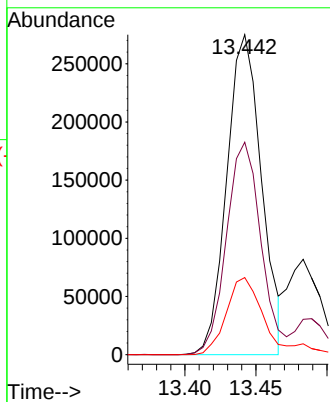
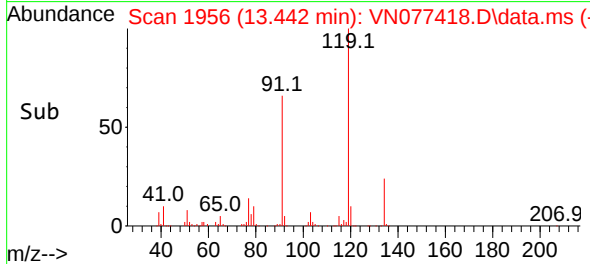
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



Tgt Ion:119 Resp: 46885
Ion Ratio Lower Upper
119 100
91 66.3 0.0 131.0
134 24.6 0.0 49.8

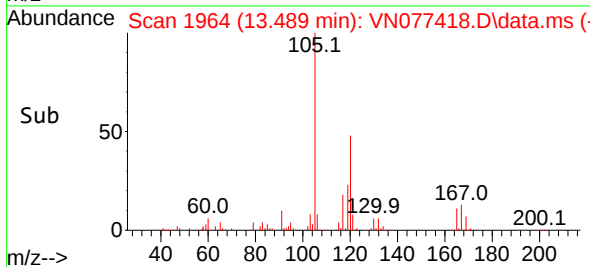
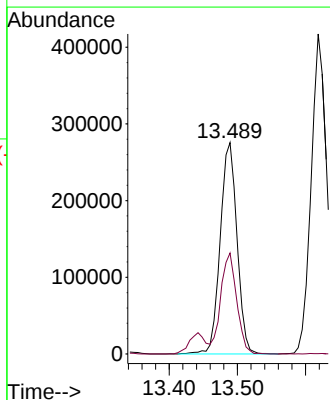
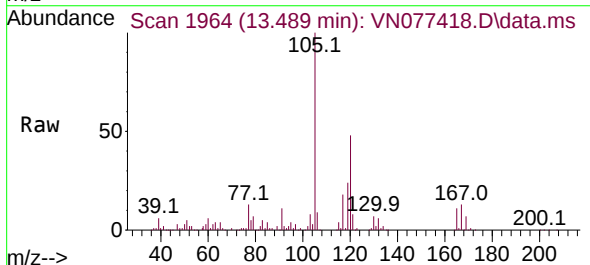
Manual Integrations
APPROVED

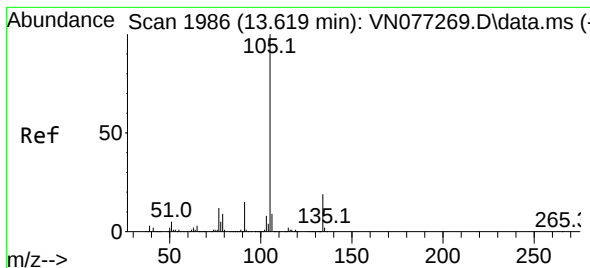
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#80
1,2,4-Trimethylbenzene
Concen: 16.321 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

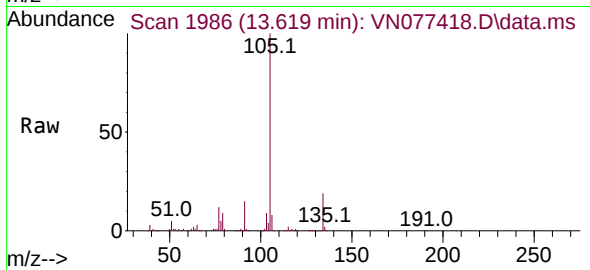
Tgt Ion:105 Resp: 473037
Ion Ratio Lower Upper
105 100
120 45.2 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 17.963 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077418.D
 Acq: 21 Apr 2023 10:35

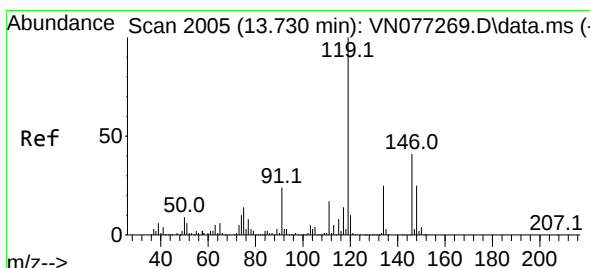
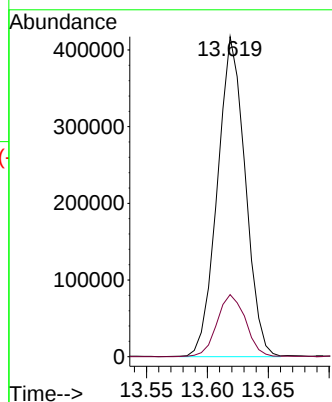
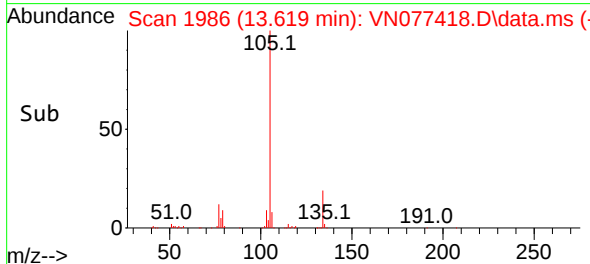
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBS01



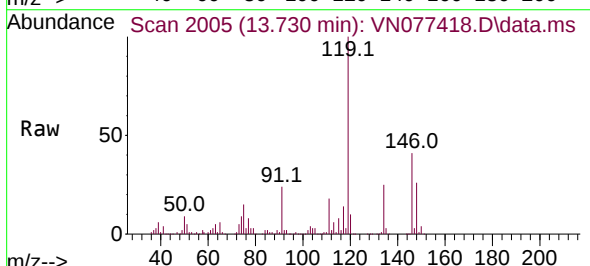
Tgt Ion:105 Resp: 663834
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.6

Manual Integrations
 APPROVED

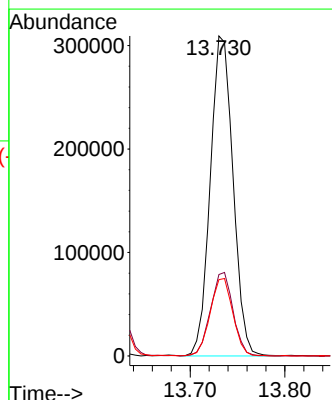
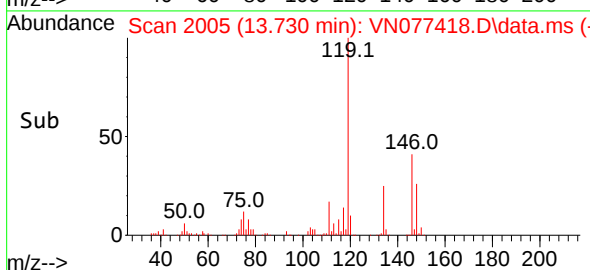
Reviewed By :John Carlone 04/24/2023
 Supervised By :Mahesh Dadoda 04/24/2023

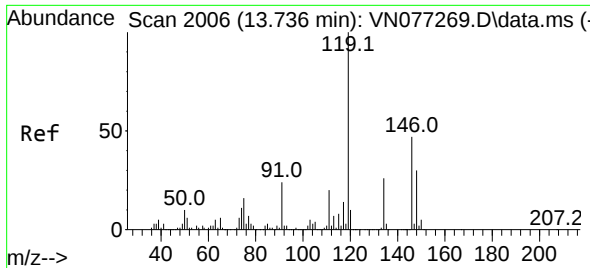


#82
 p-Isopropyltoluene
 Concen: 17.485 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077418.D
 Acq: 21 Apr 2023 10:35



Tgt Ion:119 Resp: 517662
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.0
 91 24.2 0.0 48.0





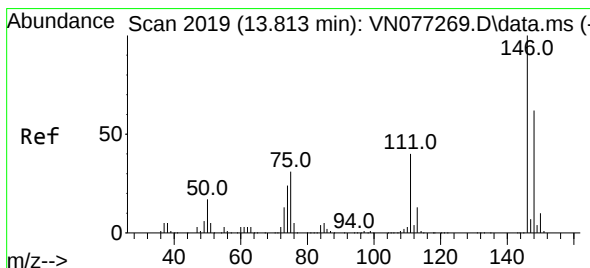
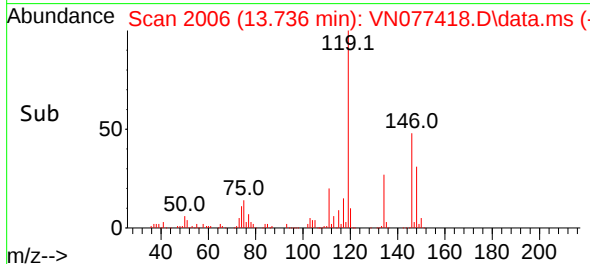
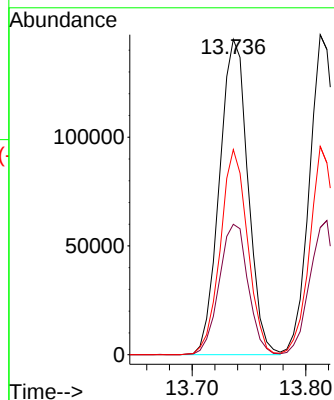
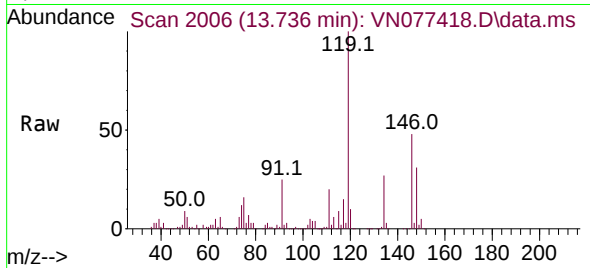
#83
1,3-Dichlorobenzene
Concen: 17.981 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion:146 Resp: 253020
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 62.3 31.9 95.5

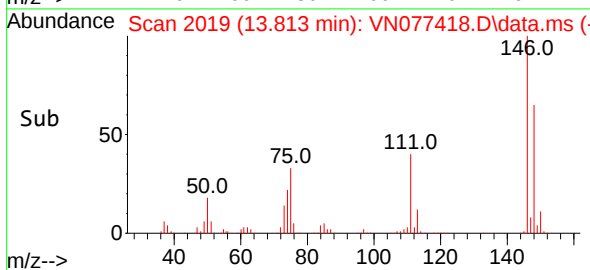
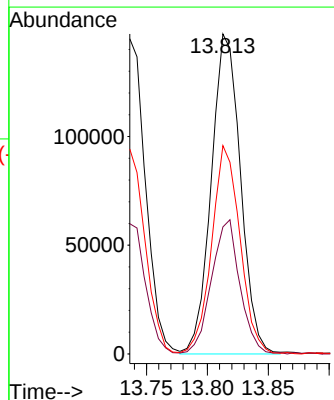
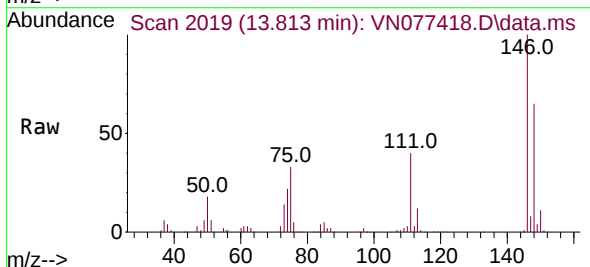
Manual Integrations
APPROVED

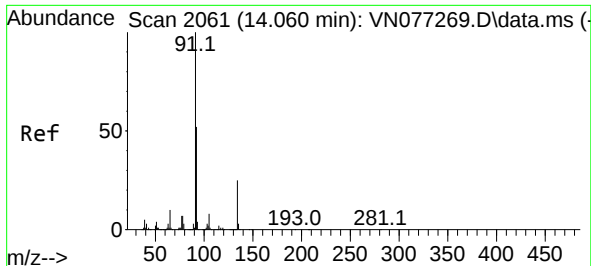
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#84
1,4-Dichlorobenzene
Concen: 18.038 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion:146 Resp: 246266
Ion Ratio Lower Upper
146 100
111 40.6 20.3 61.0
148 63.2 31.6 94.7





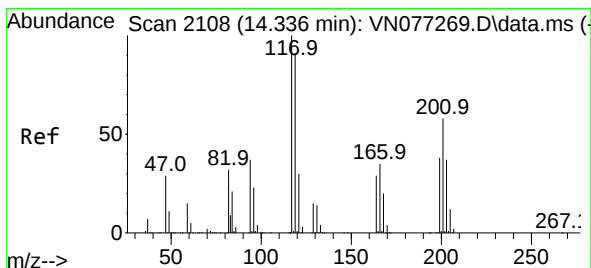
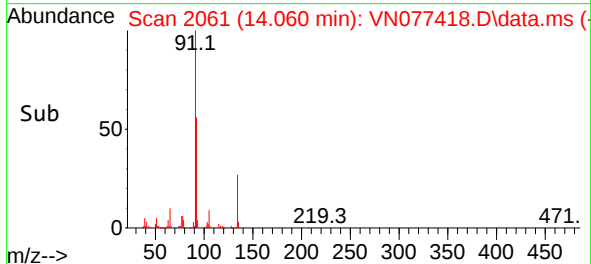
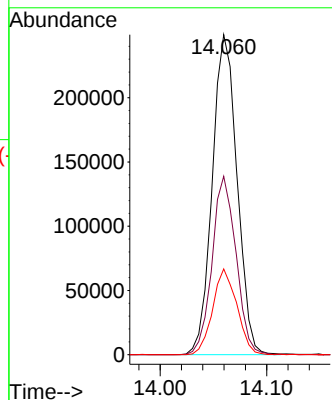
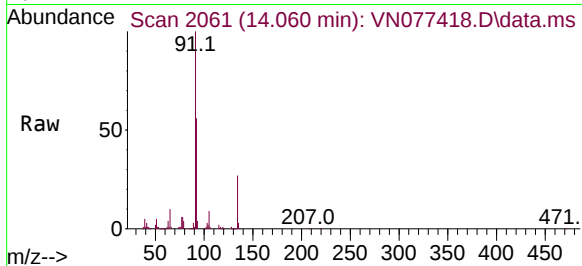
#85
n-Butylbenzene
Concen: 16.448 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion: 91 Resp: 40240
Ion Ratio Lower Upper
91 100
92 53.8 0.0 105.6
134 26.1 0.0 49.4

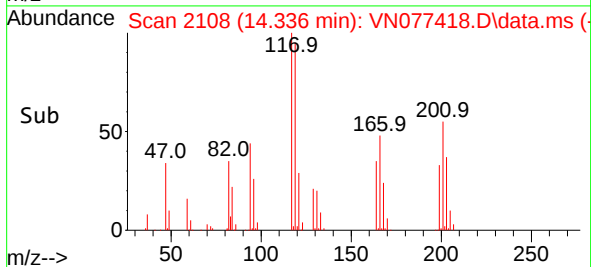
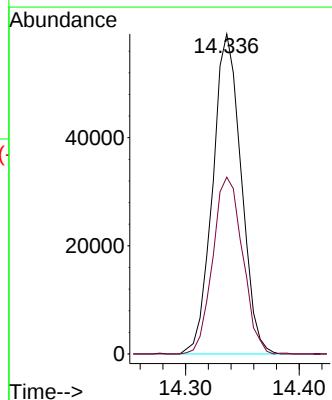
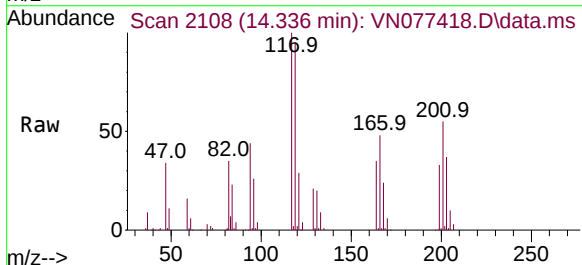
Manual Integrations
APPROVED

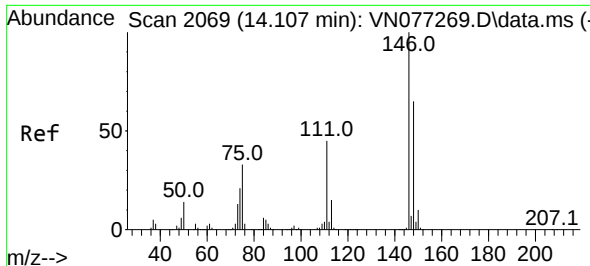
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#86
Hexachloroethane
Concen: 16.360 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion:117 Resp: 103035
Ion Ratio Lower Upper
117 100
201 57.7 29.1 87.4





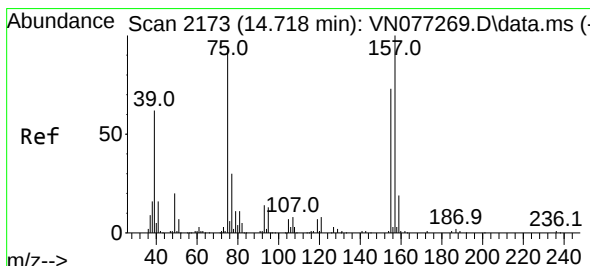
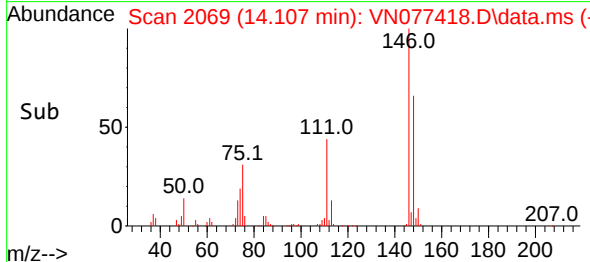
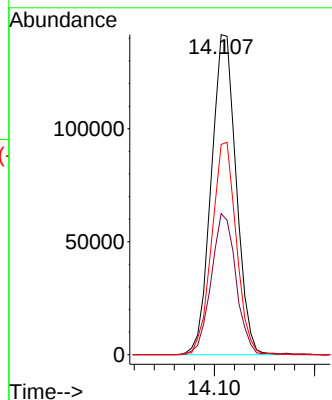
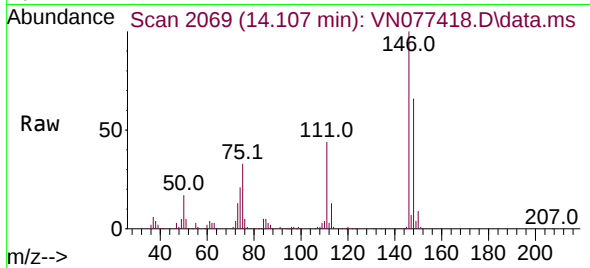
#87
1,2-Dichlorobenzene
Concen: 17.760 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01

Tgt Ion:146 Resp: 244875
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.5
148 64.8 31.9 95.7

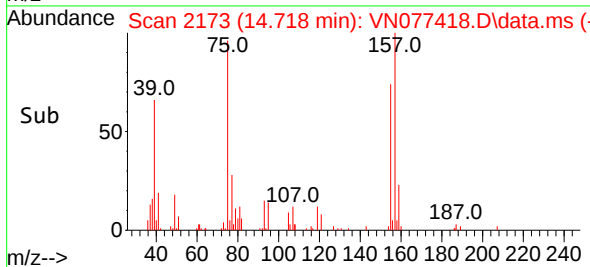
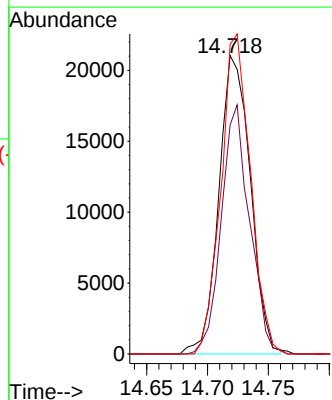
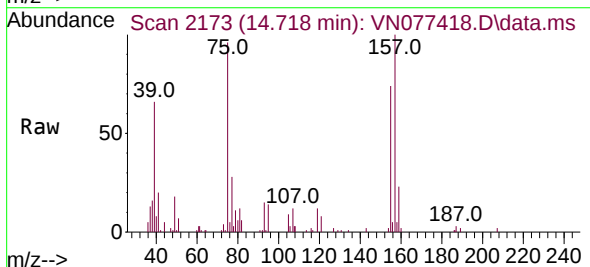
Manual Integrations
APPROVED

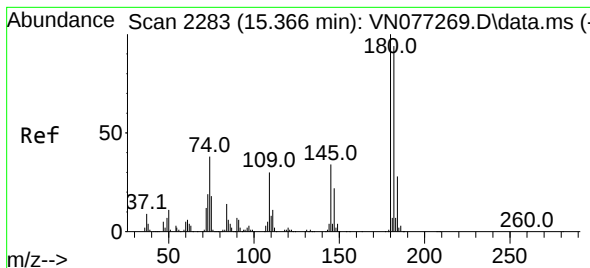
Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.665 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

Tgt Ion: 75 Resp: 37867
Ion Ratio Lower Upper
75 100
155 75.1 67.8 101.6
157 100.9 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 12.479 ug/l

RT: 15.371 min Scan# 2283

Delta R.T. 0.005 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBS01

Tgt Ion:180 Resp: 67680

Ion Ratio Lower Upper

180 100

182 88.5 75.6 113.4

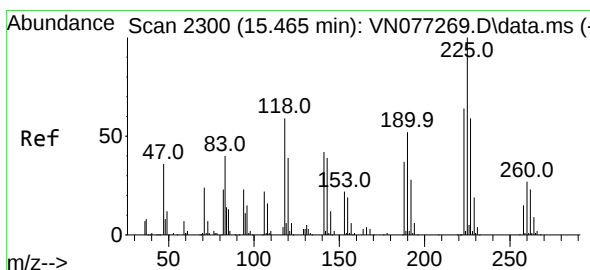
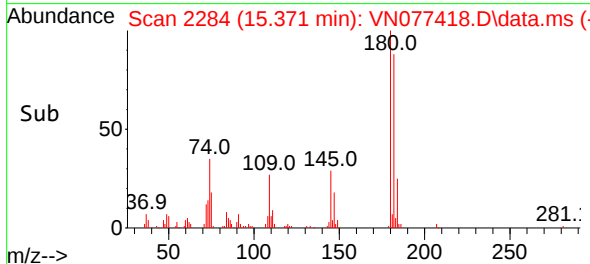
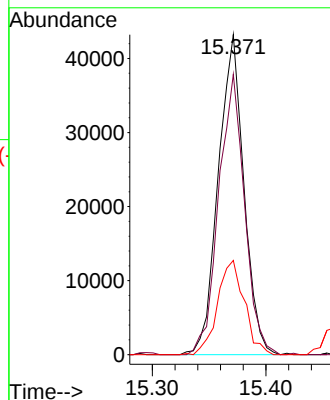
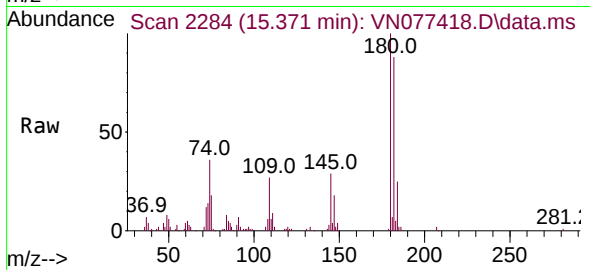
145 30.7 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2023

Supervised By :Mahesh Dadoda 04/24/2023



#90

Hexachlorobutadiene

Concen: 19.471 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077418.D

Acq: 21 Apr 2023 10:35

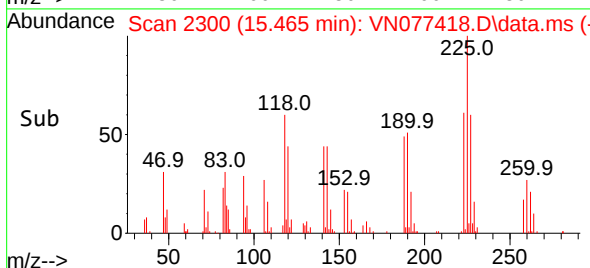
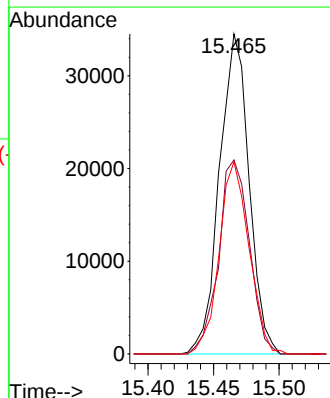
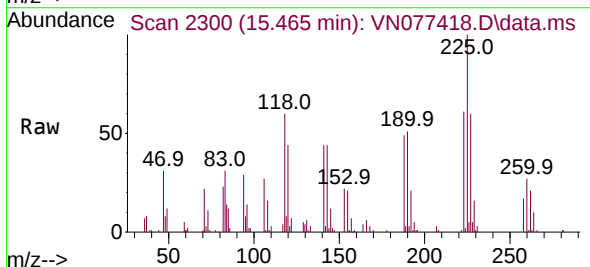
Tgt Ion:225 Resp: 54161

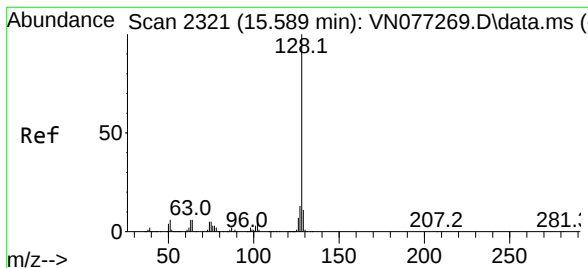
Ion Ratio Lower Upper

225 100

223 63.0 0.0 126.0

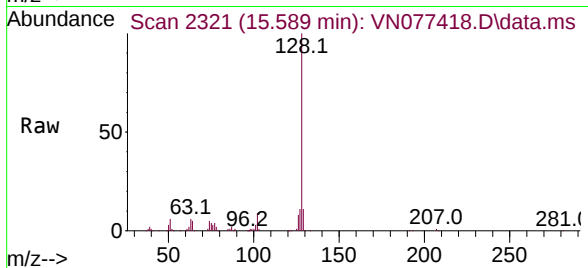
227 60.7 0.0 127.2





#91
Naphthalene
Concen: 11.668 ug/l
RT: 15.589 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35

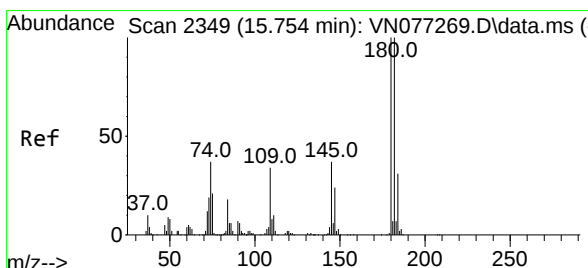
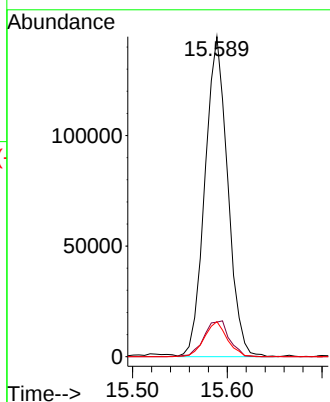
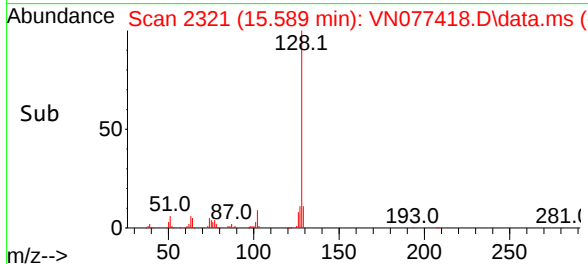
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBS01



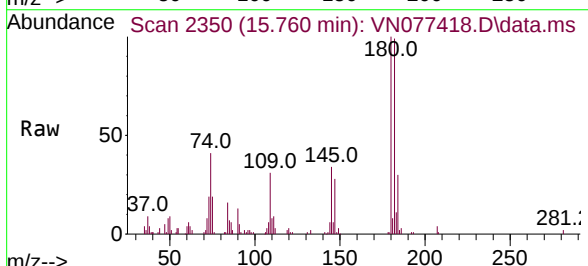
Tgt Ion:128 Resp: 241750
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023



#92
1,2,3-Trichlorobenzene
Concen: 11.477 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077418.D
Acq: 21 Apr 2023 10:35



Tgt Ion:180 Resp: 60735
Ion Ratio Lower Upper
180 100
182 97.4 0.0 190.4
145 36.3 0.0 72.4

