

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075311.D
 Acq On : 18 Nov 2022 14:32
 Operator : JC\MD
 Sample : VN1118WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 05:05:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	122501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69492	42.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.200%		
35) Dibromofluoromethane	8.171	113	63283	51.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.400%		
50) Toluene-d8	10.565	98	222347	46.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.740%		
62) 4-Bromofluorobenzene	12.847	95	82290	48.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26701	16.755	ug/l	99
3) Chloromethane	2.371	50	27894	16.479	ug/l	96
4) Vinyl Chloride	2.524	62	36614	15.163	ug/l	97
5) Bromomethane	2.930	94	31653	14.900	ug/l	99
6) Chloroethane	3.112	64	27117	15.660	ug/l #	86
7) Trichlorofluoromethane	3.500	101	48755	19.765	ug/l	91
8) Diethyl Ether	3.977	74	17568	19.526	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	28876	21.197	ug/l	95
10) Methyl Iodide	4.594	142	42529	20.970	ug/l	97
11) Tert butyl alcohol	5.541	59	30576	79.436	ug/l	97
12) 1,1-Dichloroethene	4.347	96	26618	20.498	ug/l	90
13) Acrolein	4.183	56	34963	111.050	ug/l	100
14) Allyl chloride	5.030	41	35866	18.911	ug/l	95
15) Acrylonitrile	5.724	53	77715	95.578	ug/l	97
16) Acetone	4.442	43	69944	100.079	ug/l	95
17) Carbon Disulfide	4.718	76	59153	18.115	ug/l	99
18) Methyl Acetate	5.030	43	44532	19.507	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	92585	19.183	ug/l	98
20) Methylene Chloride	5.283	84	31431	20.170	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	29101	20.468	ug/l	95
22) Diisopropyl ether	6.677	45	80856	19.319	ug/l	98
23) Vinyl Acetate	6.612	43	275159	78.730	ug/l	98
24) 1,1-Dichloroethane	6.571	63	51794	19.567	ug/l	97
25) 2-Butanone	7.488	43	101160	92.024	ug/l	99
26) 2,2-Dichloropropane	7.494	77	44807	18.400	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	33864	19.945	ug/l	98
28) Bromochloromethane	7.818	49	18340	16.436	ug/l	88
29) Tetrahydrofuran	7.847	42	63805	89.823	ug/l	98
30) Chloroform	7.971	83	56749	19.746	ug/l	94
31) Cyclohexane	8.259	56	45759	18.640	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	52345	20.057	ug/l	96
36) 1,1-Dichloropropene	8.371	75	40182	21.000	ug/l	97
37) Ethyl Acetate	7.571	43	38520	18.356	ug/l	98
38) Carbon Tetrachloride	8.365	117	45114	21.434	ug/l	99
39) Methylcyclohexane	9.606	83	51004	20.191	ug/l	94
40) Benzene	8.612	78	125940	21.496	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20845	20.734	ug/l	97
42) 1,2-Dichloroethane	8.671	62	43514	20.415	ug/l	97
43) Isopropyl Acetate	8.694	43	62233	19.119	ug/l	99
44) Trichloroethene	9.353	130	33252	22.622	ug/l	95
45) 1,2-Dichloropropane	9.624	63	31235	22.402	ug/l	91
46) Dibromomethane	9.706	93	23212	21.369	ug/l	95
47) Bromodichloromethane	9.888	83	43881	20.860	ug/l	95
48) Methyl methacrylate	9.682	41	28284	18.943	ug/l	96
49) 1,4-Dioxane	9.700	88	15652	400.319	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	201335	95.853	ug/l	98
52) Toluene	10.629	92	84543	21.587	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	43205	19.459	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	49135	20.864	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	33406	21.512	ug/l	95
56) Ethyl methacrylate	10.876	69	45259	19.107	ug/l	97
57) 1,3-Dichloropropane	11.165	76	55756	21.560	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	67921	74.170	ug/l	99
59) 2-Hexanone	11.194	43	149436	93.739	ug/l	98
60) Dibromochloromethane	11.359	129	35171	21.467	ug/l	99
61) 1,2-Dibromoethane	11.470	107	33479	21.037	ug/l	100
64) Tetrachloroethene	11.106	164	30801	26.247	ug/l	93
65) Chlorobenzene	11.888	112	88804	21.736	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32125	21.196	ug/l	97
67) Ethyl Benzene	11.965	91	155471	21.151	ug/l	99
68) m/p-Xylenes	12.070	106	126521	42.897	ug/l	100
69) o-Xylene	12.400	106	61331	21.027	ug/l	98
70) Styrene	12.412	104	98063	21.085	ug/l	98
71) Bromoform	12.576	173	23410	20.631	ug/l #	100
73) Isopropylbenzene	12.694	105	156382	20.553	ug/l	99
74) N-amyl acetate	12.494	43	50724	18.025	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	48949	20.015	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42597m	21.168	ug/l	
77) Bromobenzene	12.982	156	38668	23.081	ug/l	88
78) n-propylbenzene	13.035	91	181052	21.194	ug/l	99
79) 2-Chlorotoluene	13.123	91	108567	20.798	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	135380	21.184	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	13991	17.848	ug/l	98
82) 4-Chlorotoluene	13.123	91	108567	20.798	ug/l	97
83) tert-Butylbenzene	13.441	119	119988	21.130	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	137310	21.236	ug/l	99
85) sec-Butylbenzene	13.617	105	164723	20.736	ug/l	99
86) p-Isopropyltoluene	13.729	119	139052	21.195	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	71461	21.786	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	71821	22.124	ug/l	98
89) n-Butylbenzene	14.059	91	116807	22.110	ug/l	98
90) Hexachloroethane	14.335	117	23400	19.454	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	73565	22.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9559	18.625	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	36450	25.975	ug/l	96
94) Hexachlorobutadiene	15.506	225	17101	24.998	ug/l	95
95) Naphthalene	15.641	128	111099	20.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33870	24.292	ug/l	98

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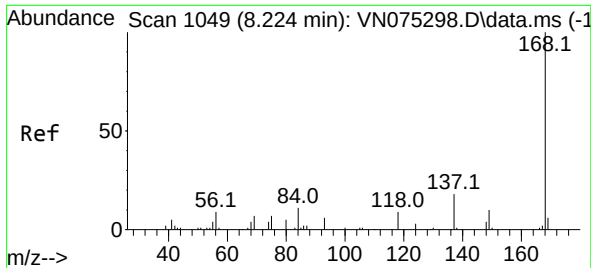
Manual Integrations
APPROVED

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



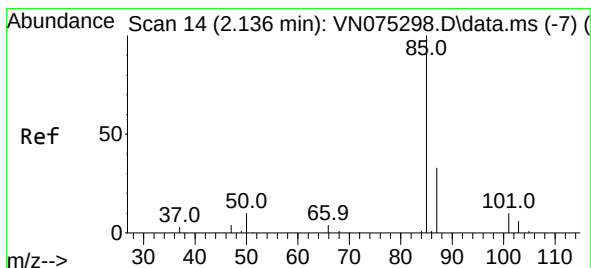
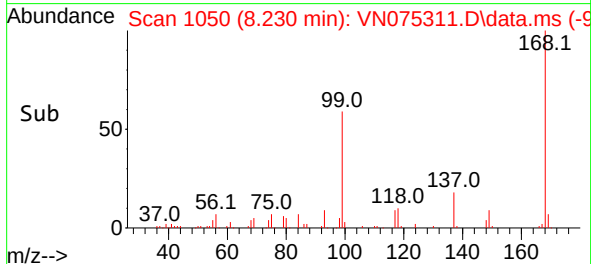
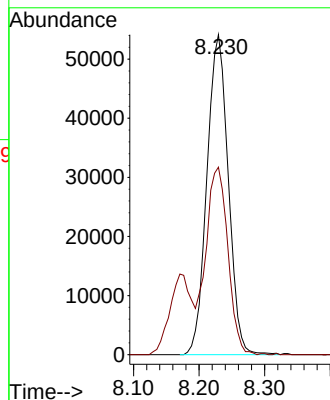
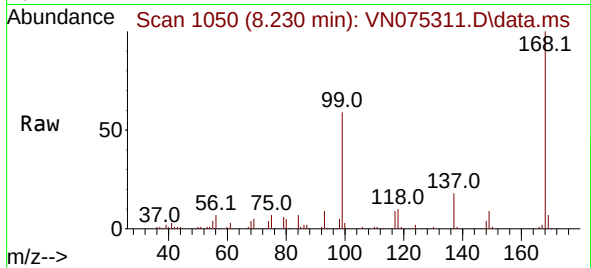
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 12250
Ion Ratio Lower Upper
168 100
99 58.6 51.6 77.4

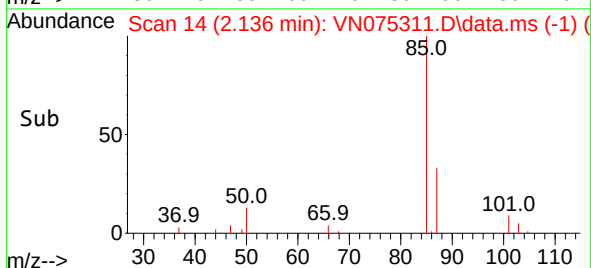
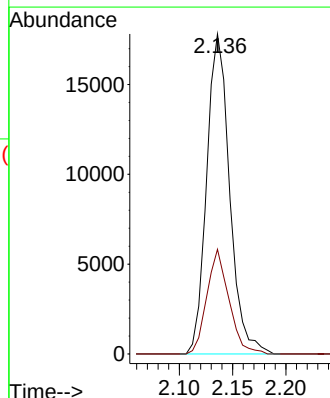
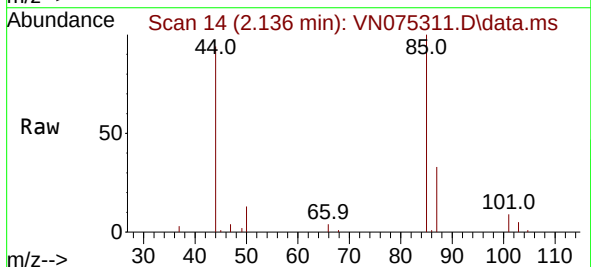
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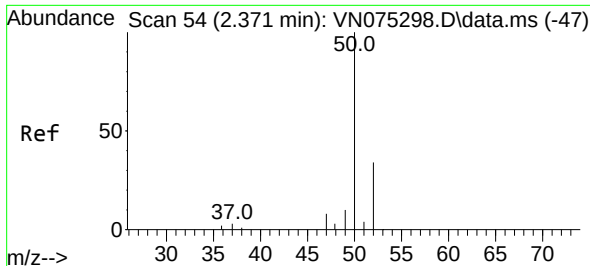
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#2
Dichlorodifluoromethane
Concen: 16.755 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

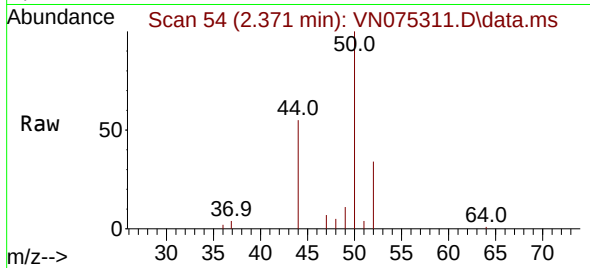
Tgt Ion: 85 Resp: 26701
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0





#3
Chloromethane
Concen: 16.479 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

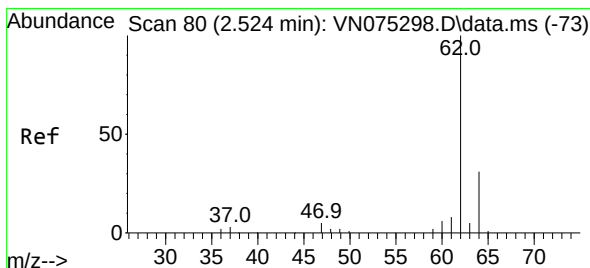
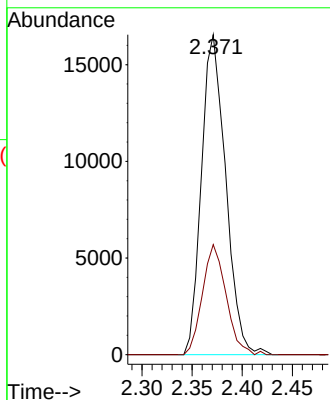
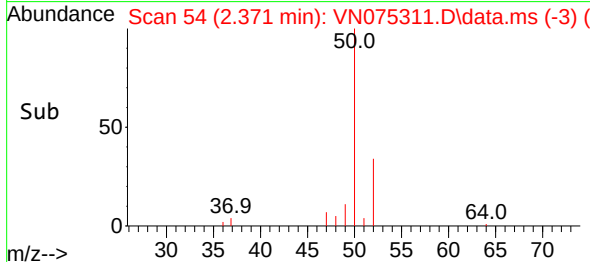
Instrument :
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VN1118WBS01



Tgt Ion: 50 Resp: 27894
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.6

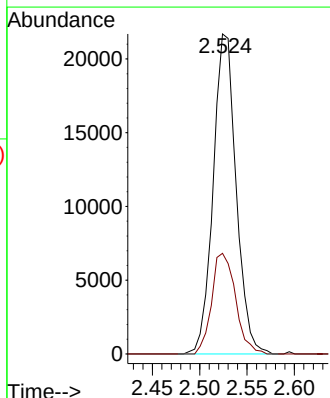
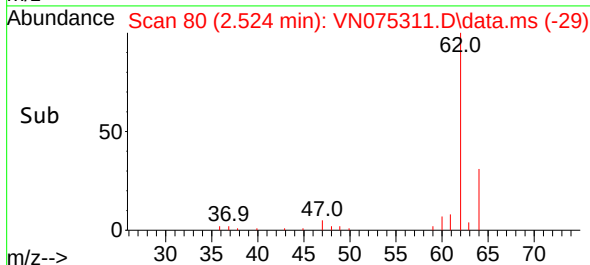
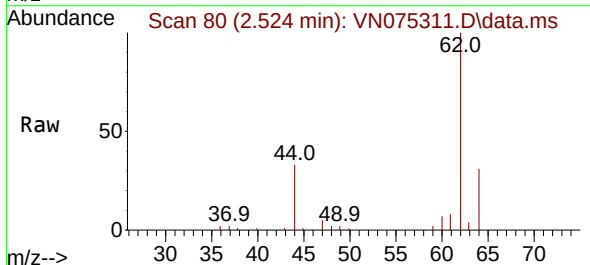
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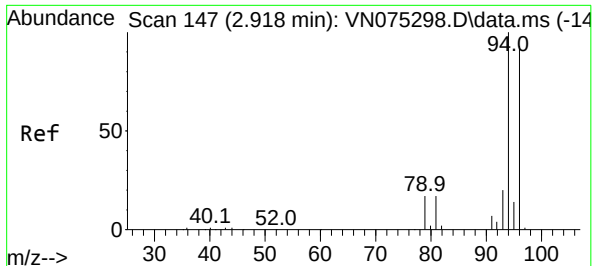
Reviewed By :John Carlone 11/21/2022
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#4
Vinyl Chloride
Concen: 15.163 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075311.D
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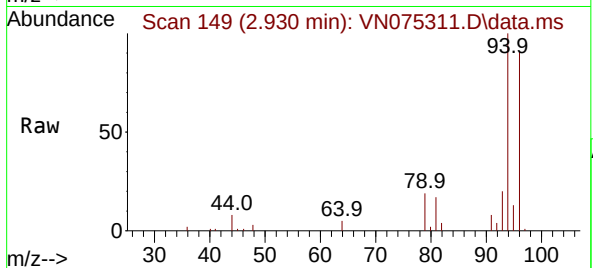
Tgt Ion: 62 Resp: 36614
Ion Ratio Lower Upper
62 100
64 31.5 24.0 36.0





#5
Bromomethane
Concen: 14.900 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

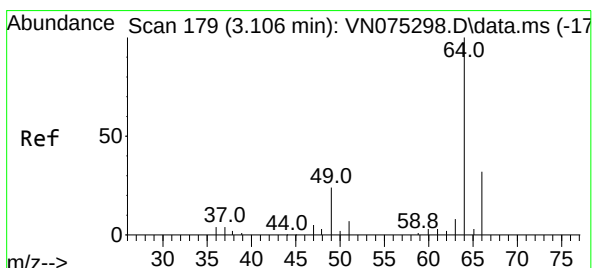
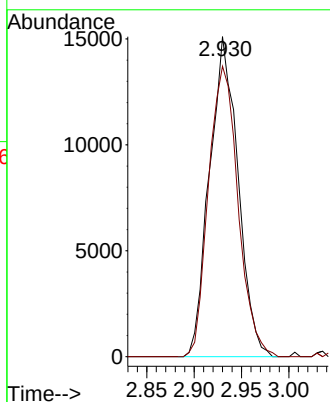
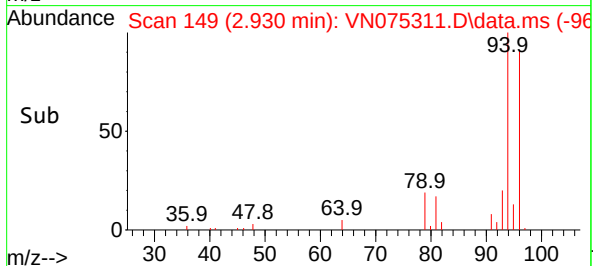
Instrument :
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Tgt Ion: 94 Resp: 3165
Ion Ratio Lower Upper
94 100
96 90.7 71.8 107.6

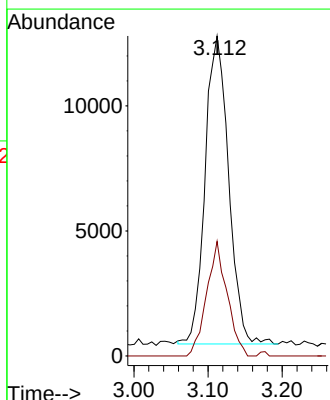
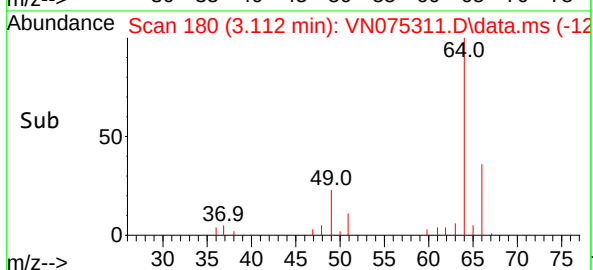
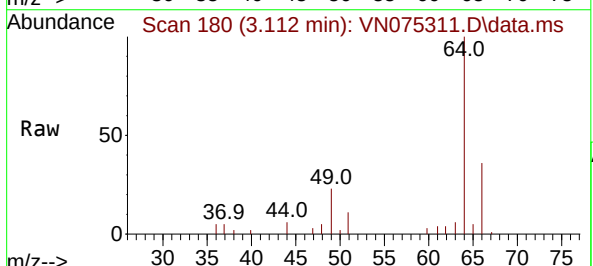
Manual Integrations
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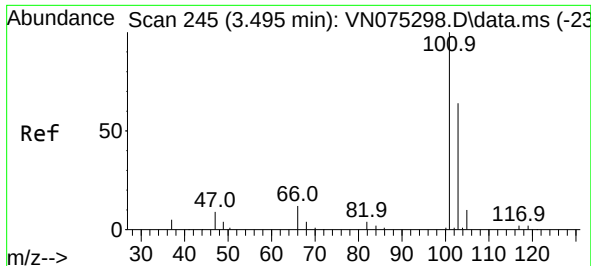
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#6
Chloroethane
Concen: 15.660 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075311.D
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Tgt Ion: 64 Resp: 27117
Ion Ratio Lower Upper
64 100
66 37.2 23.8 35.8#





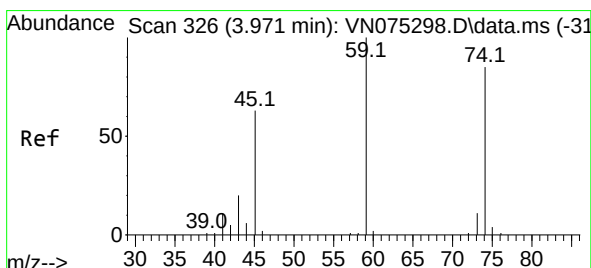
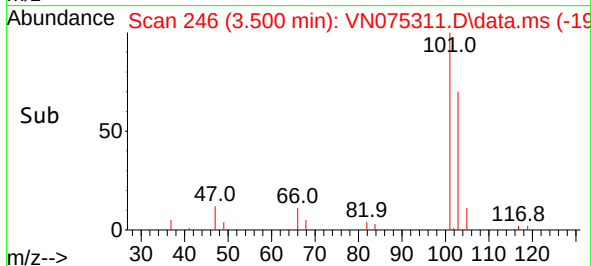
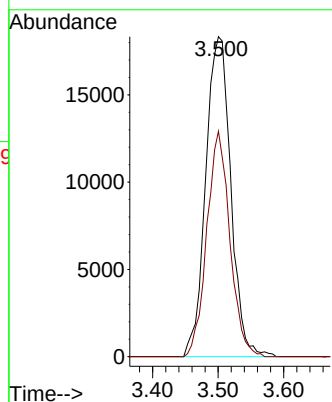
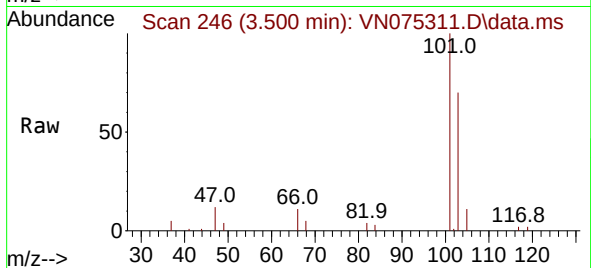
#7
Trichlorofluoromethane
Concen: 19.765 ug/l
RT: 3.500 min Scan# 245
Delta R.T. 0.011 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:101 Resp: 4875
Ion Ratio Lower Upper
101 100
103 70.5 50.5 75.7

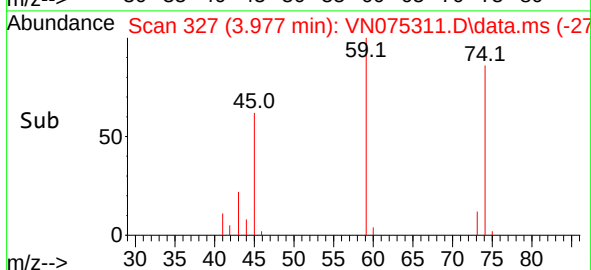
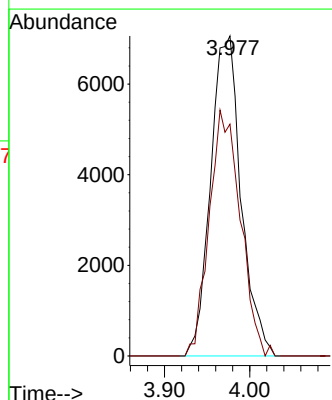
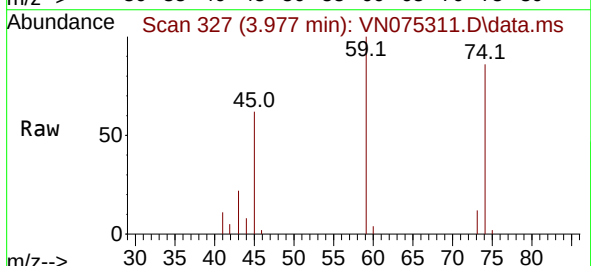
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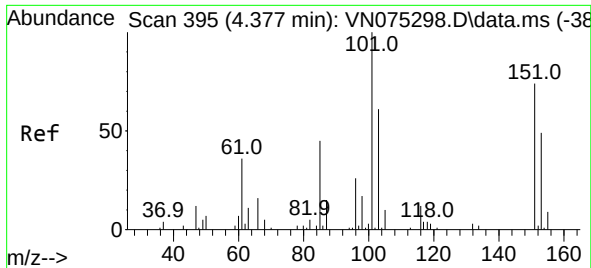
Reviewed By :John Carlone 11/21/2022
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#8
Diethyl Ether
Concen: 19.526 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 74 Resp: 17568
Ion Ratio Lower Upper
74 100
45 78.6 39.3 117.9





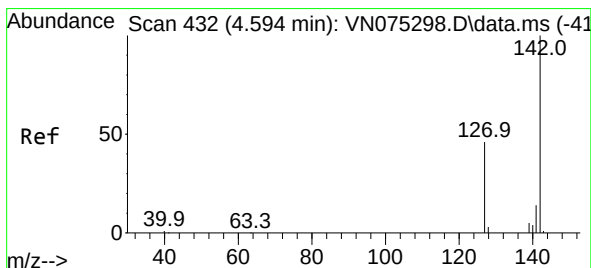
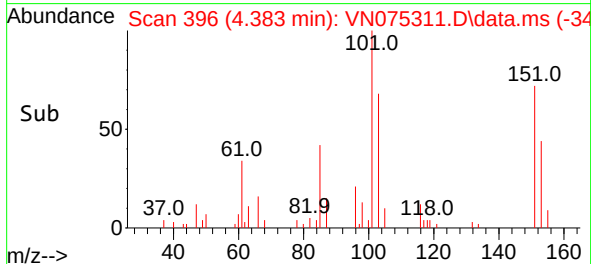
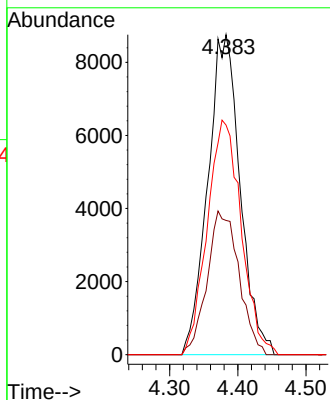
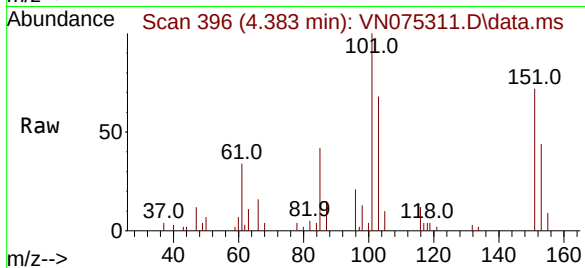
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.197 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075311.D
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MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:101 Resp: 28870
Ion Ratio Lower Upper
101 100
85 44.2 37.6 56.4
151 77.0 58.3 87.5

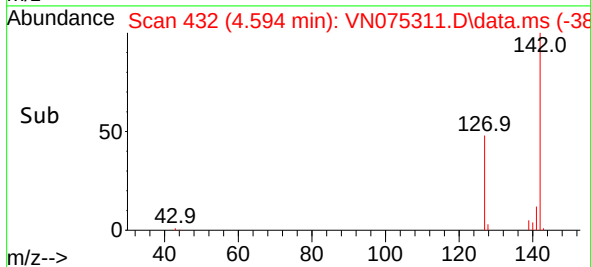
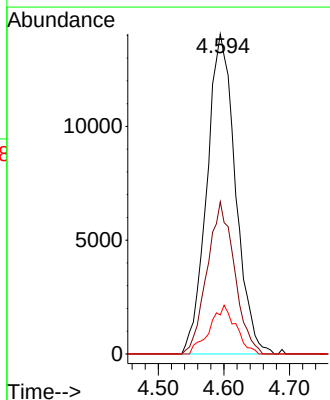
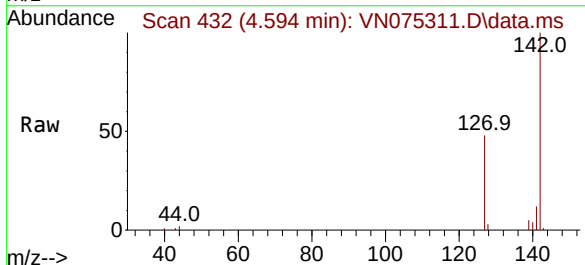
Manual Integrations
APPROVED

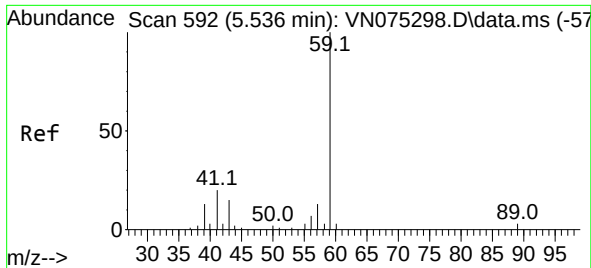
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#10
Methyl Iodide
Concen: 20.970 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion:142 Resp: 42529
Ion Ratio Lower Upper
142 100
127 45.6 38.0 57.0
141 14.0 12.2 18.4





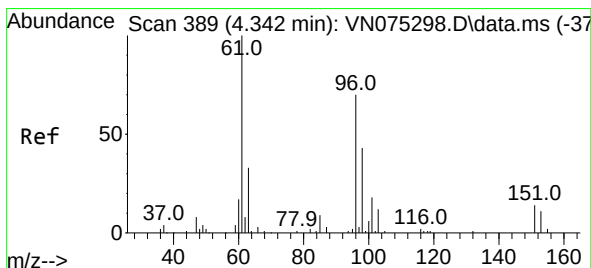
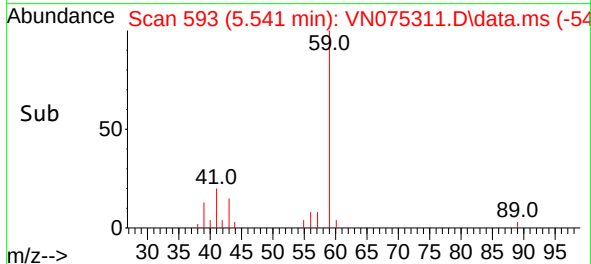
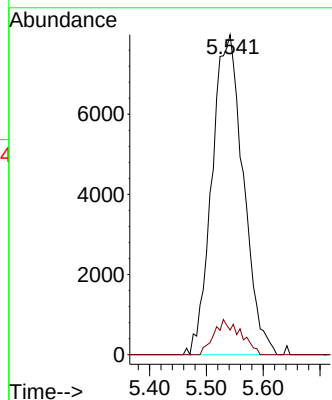
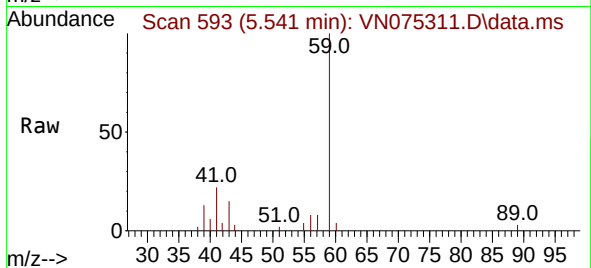
#11
Tert butyl alcohol
Concen: 79.436 ug/l
RT: 5.541 min Scan# 59
Delta R.T. -0.001 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 59 Resp: 30570
Ion Ratio Lower Upper
59 100
57 9.3 8.5 12.7

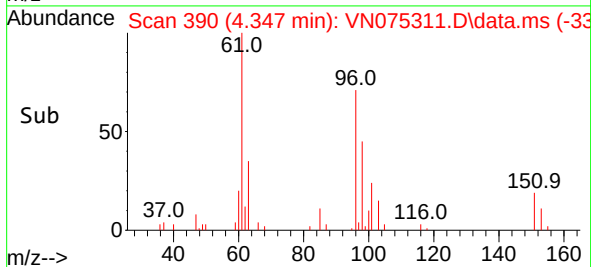
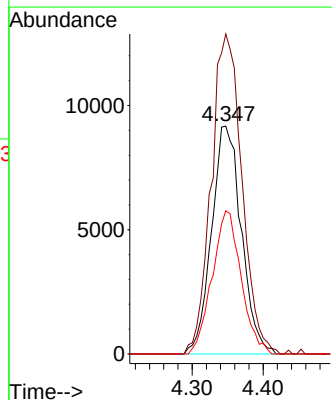
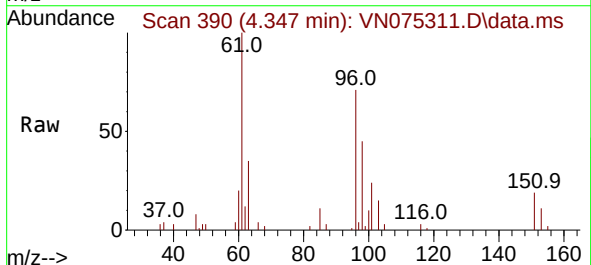
Manual Integrations
APPROVED

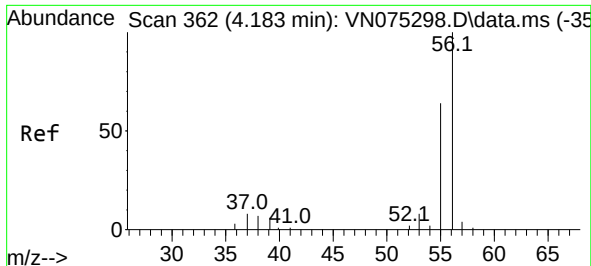
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 20.498 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

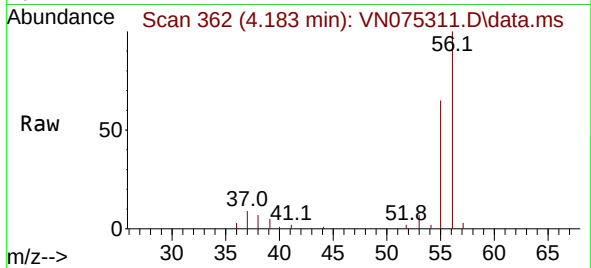
Tgt Ion: 96 Resp: 26618
Ion Ratio Lower Upper
96 100
61 140.5 126.2 189.4
98 62.8 51.5 77.3





#13
Acrolein
Concen: 111.050 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

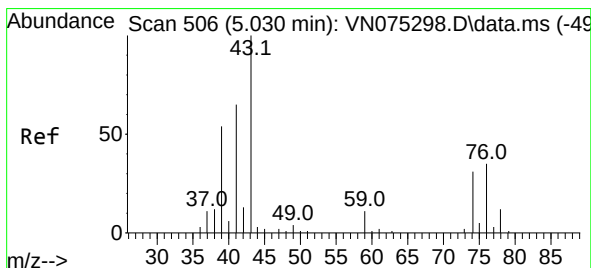
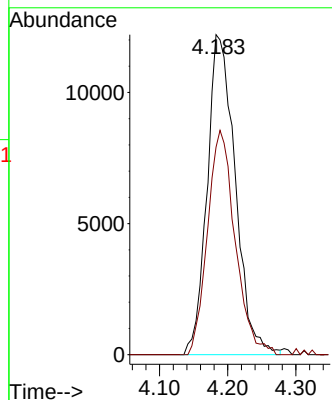
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 56 Resp: 3496
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

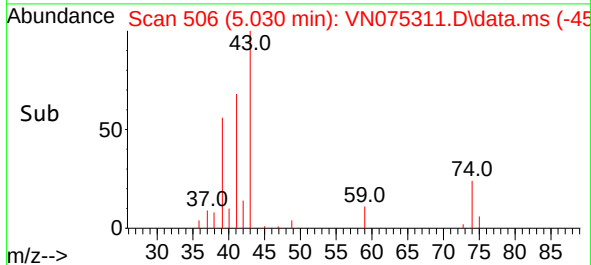
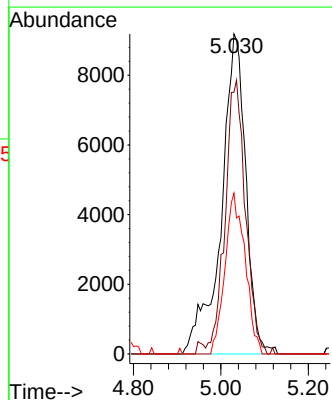
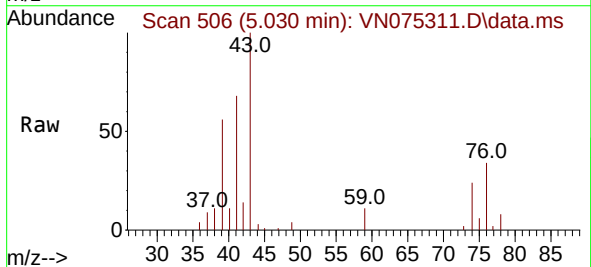
Manual Integrations
APPROVED

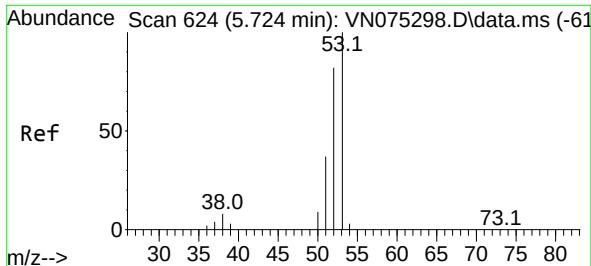
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#14
Allyl chloride
Concen: 18.911 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 41 Resp: 35866
Ion Ratio Lower Upper
41 100
39 70.4 61.0 91.4
76 41.2 33.4 50.0





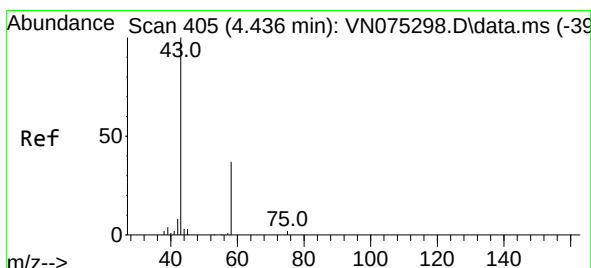
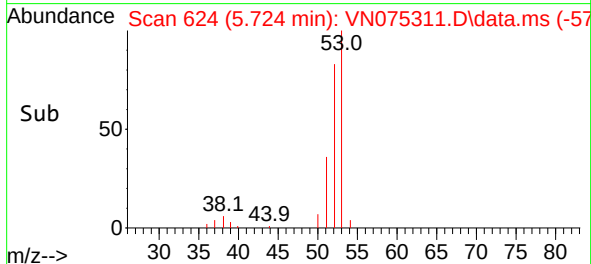
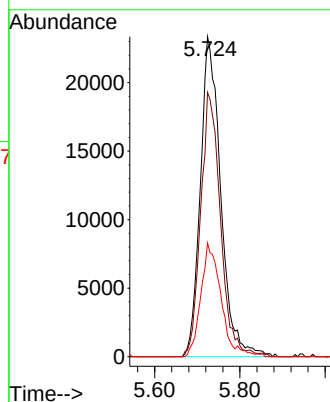
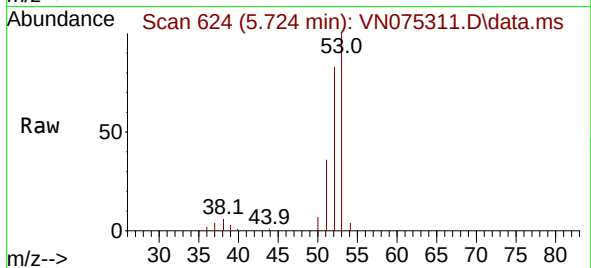
#15
Acrylonitrile
Concen: 95.578 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 53 Resp: 7771
Ion Ratio Lower Upper
53 100
52 80.2 66.4 99.6
51 35.1 29.6 44.4

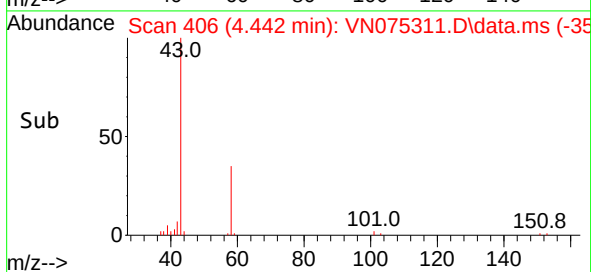
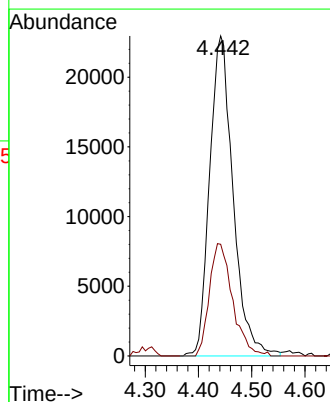
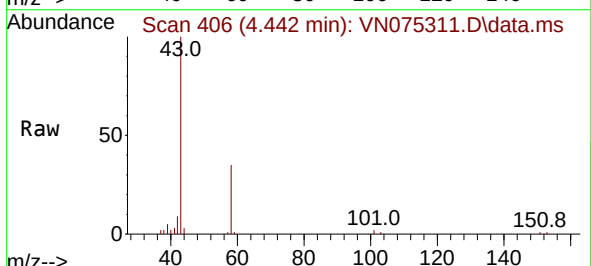
Manual Integrations
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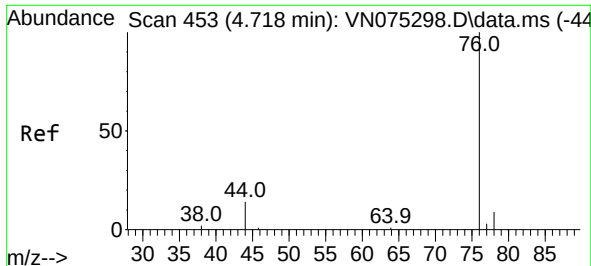
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 100.079 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

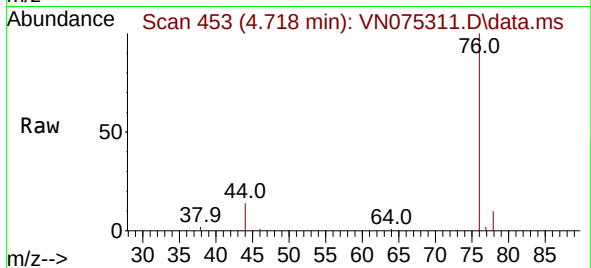
Tgt Ion: 43 Resp: 69944
Ion Ratio Lower Upper
43 100
58 34.9 25.5 38.3





#17
Carbon Disulfide
Concen: 18.115 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

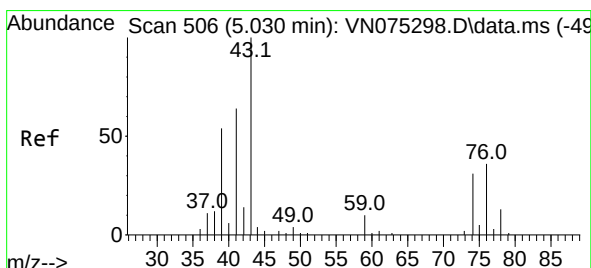
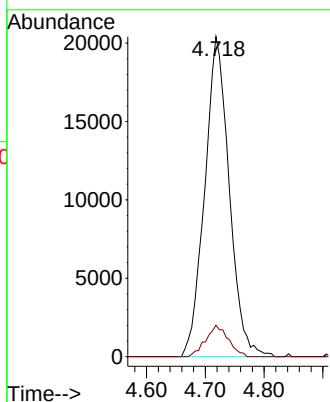
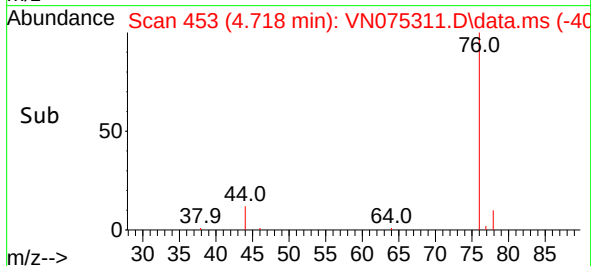
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 76 Resp: 5915
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

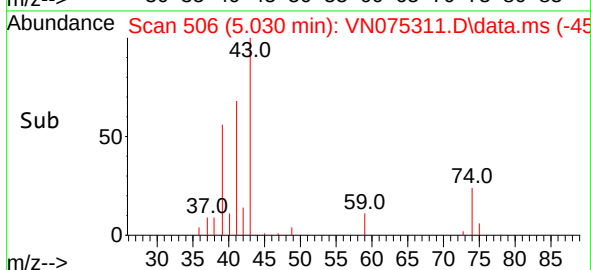
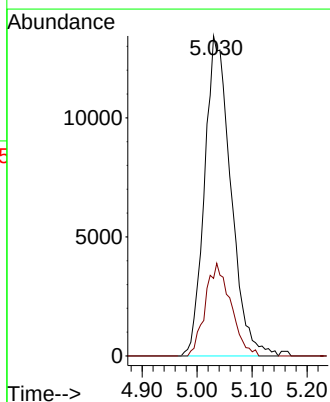
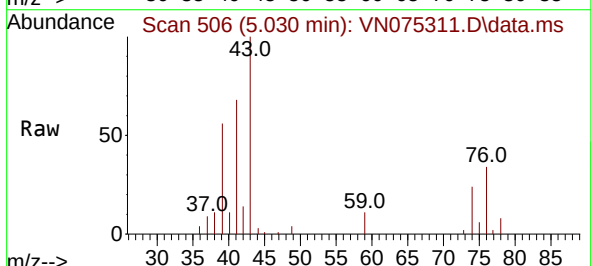
Manual Integrations
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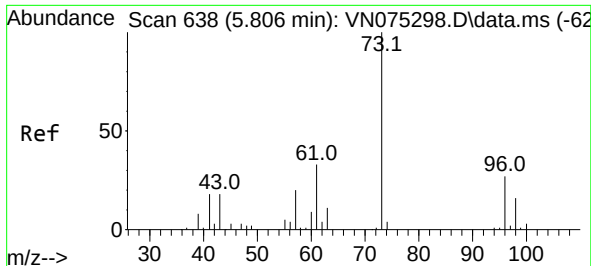
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#18
Methyl Acetate
Concen: 19.507 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 43 Resp: 44532
Ion Ratio Lower Upper
43 100
74 28.1 22.0 33.0





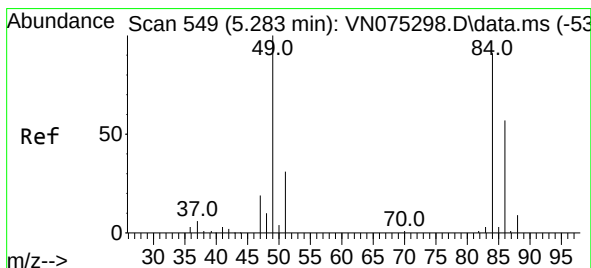
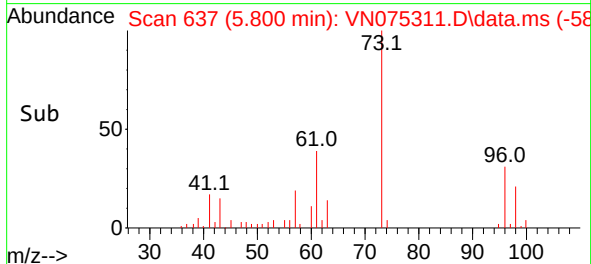
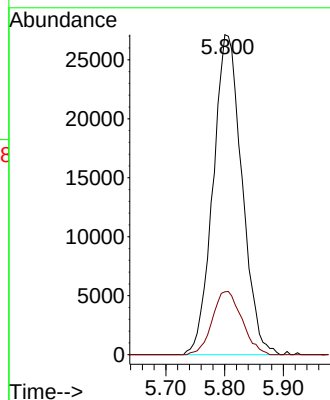
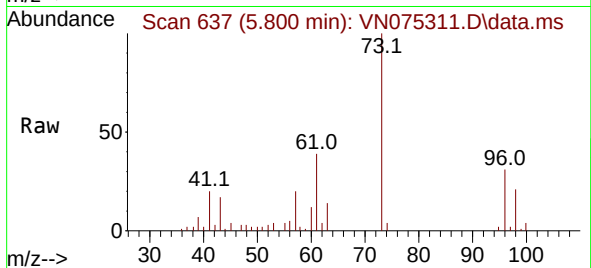
#19
Methyl tert-butyl Ether
Concen: 19.183 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 73 Resp: 9258
Ion Ratio Lower Upper
73 100
57 19.7 16.3 24.5

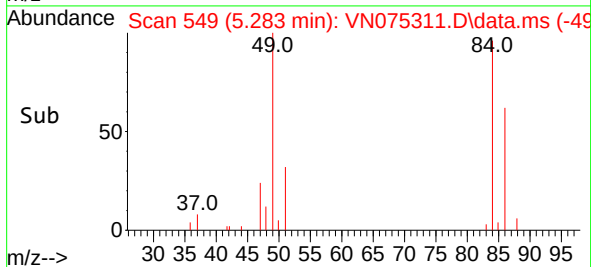
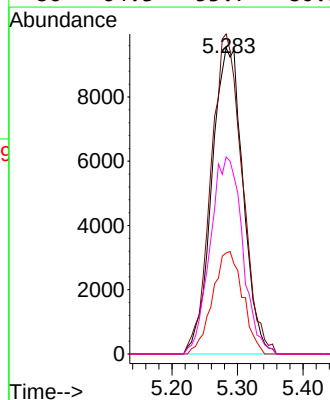
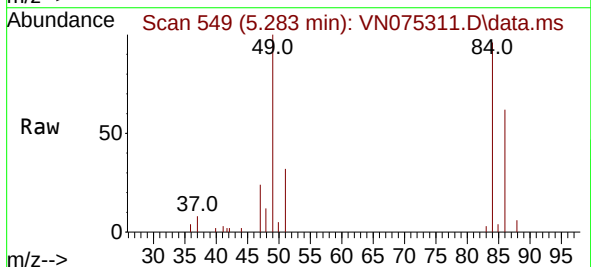
Manual Integrations
APPROVED

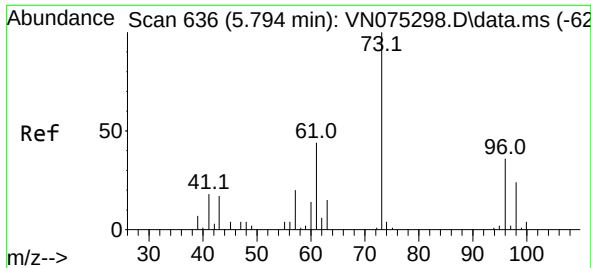
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 20.170 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

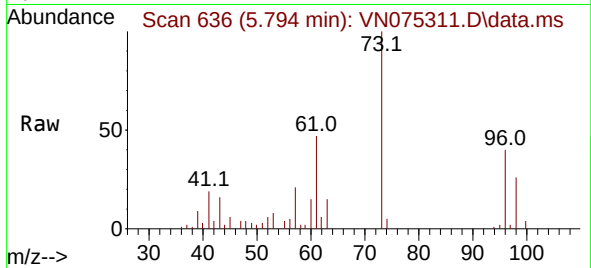
Tgt Ion: 84 Resp: 31431
Ion Ratio Lower Upper
84 100
49 104.5 94.9 142.3
51 33.0 26.8 40.2
86 64.3 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 20.468 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

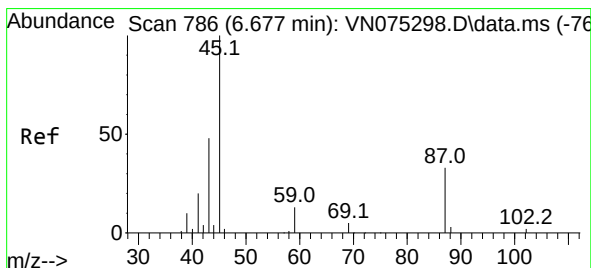
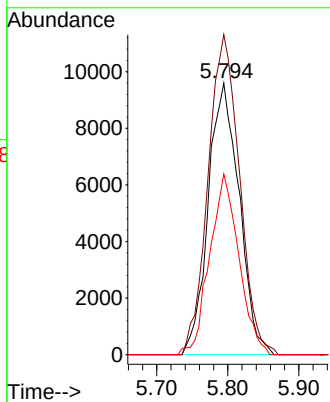
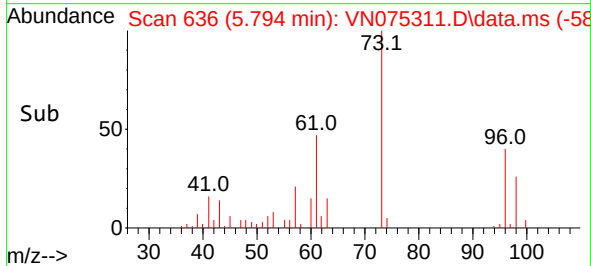
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 96 Resp: 2910
Ion Ratio Lower Upper
96 100
61 117.9 99.9 149.9
98 66.5 51.5 77.3

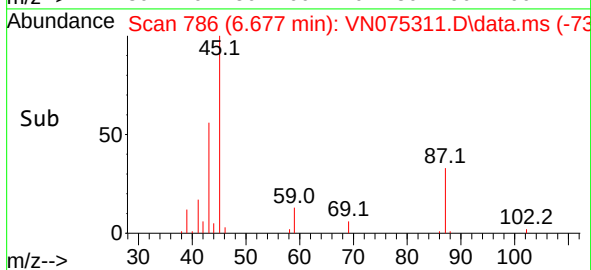
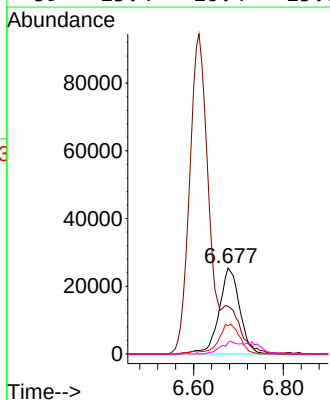
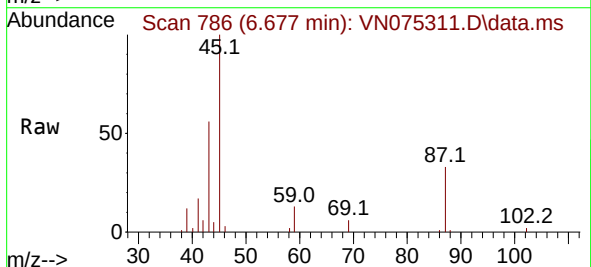
Manual Integrations
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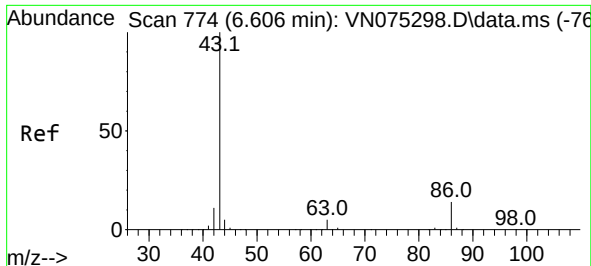
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22
Diisopropyl ether
Concen: 19.319 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 45 Resp: 80856
Ion Ratio Lower Upper
45 100
43 54.4 42.8 64.2
87 32.9 28.4 42.6
59 13.4 10.4 15.6





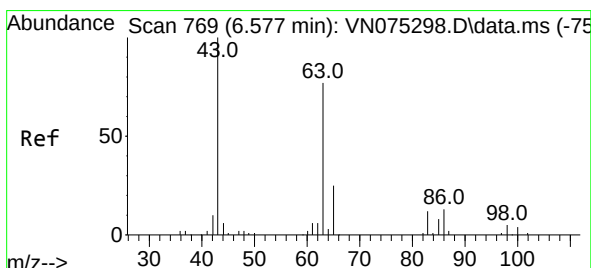
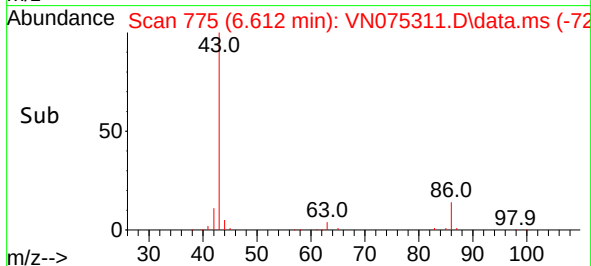
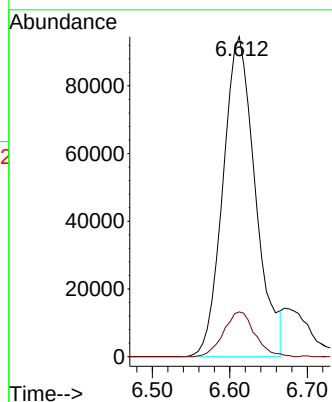
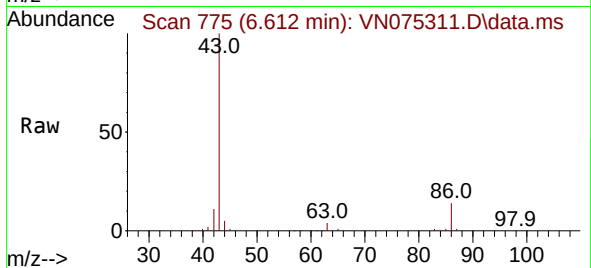
#23
 Vinyl Acetate
 Concen: 78.730 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Tgt Ion: 43 Resp: 275159
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

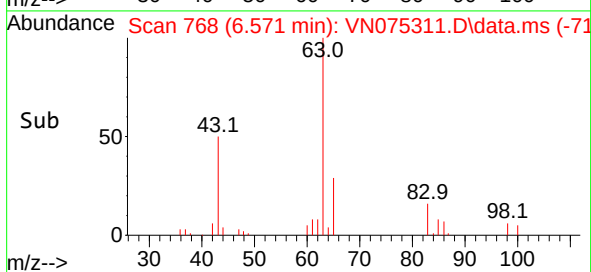
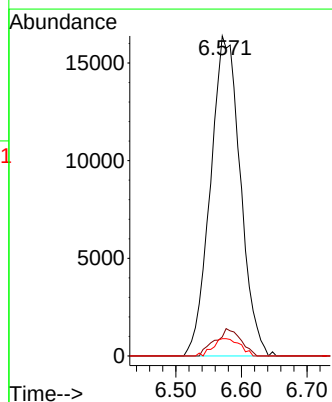
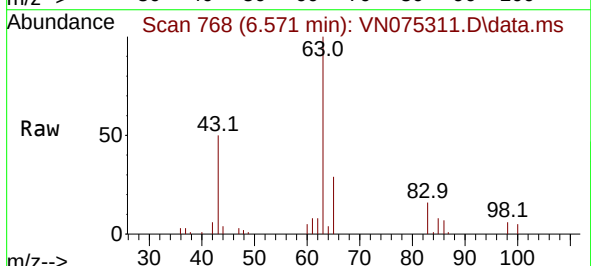
Manual Integrations
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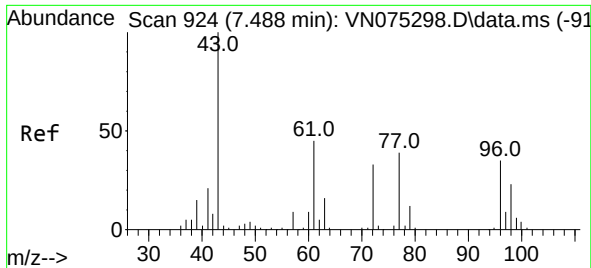
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.567 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32

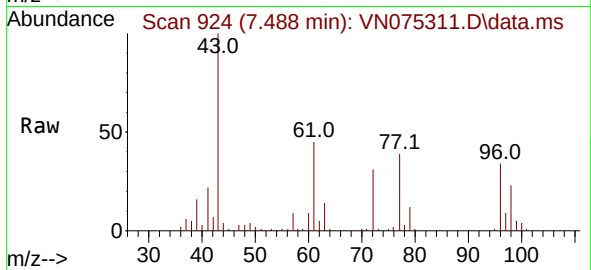
Tgt Ion: 63 Resp: 51794
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 5.4 2.4 7.2





#25
2-Butanone
Concen: 92.024 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

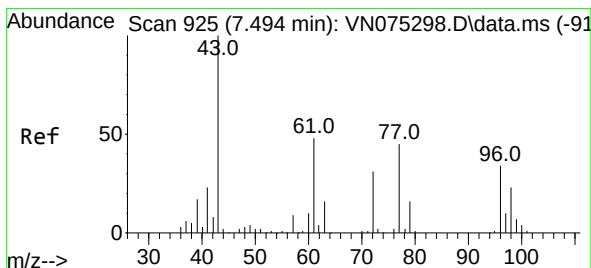
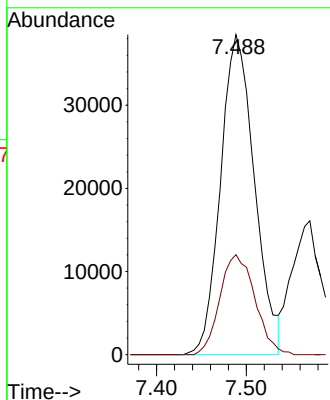
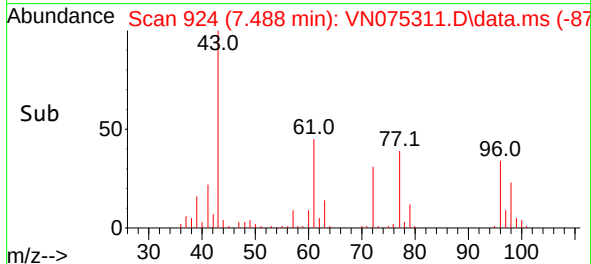
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



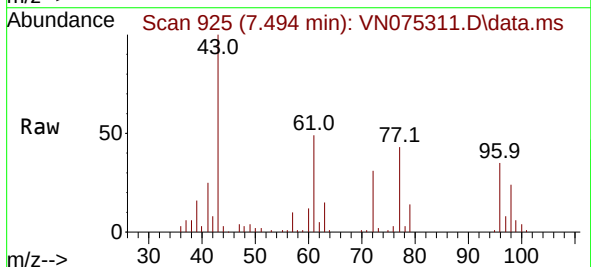
Tgt Ion: 43 Resp: 101160
Ion Ratio Lower Upper
43 100
72 31.3 25.5 38.3

Manual Integrations
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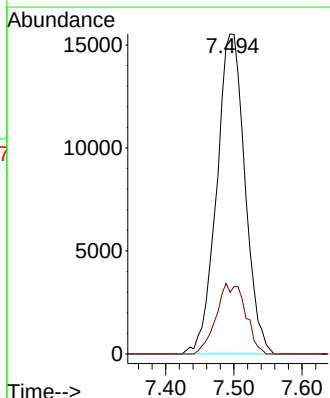
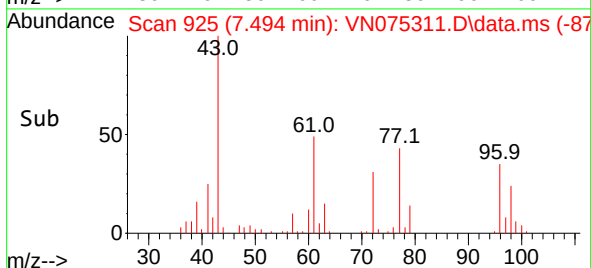
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

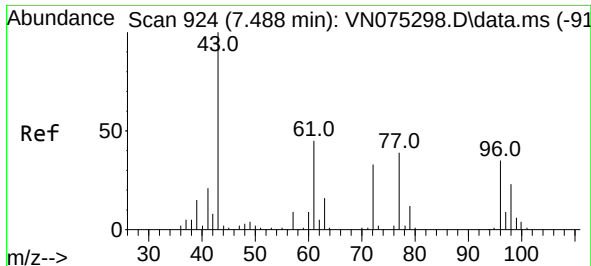


#26
2,2-Dichloropropane
Concen: 18.400 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



Tgt Ion: 77 Resp: 44807
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.945 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

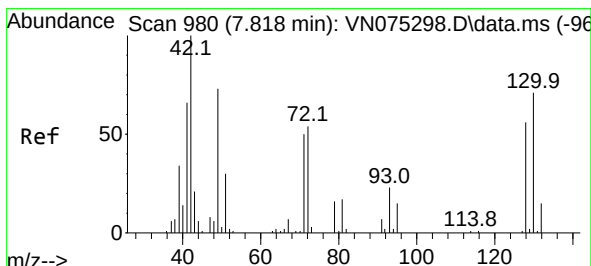
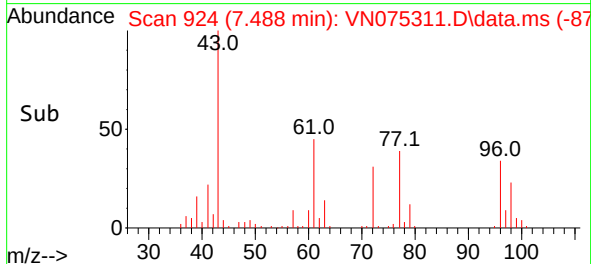
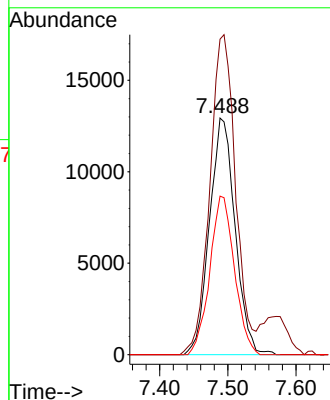
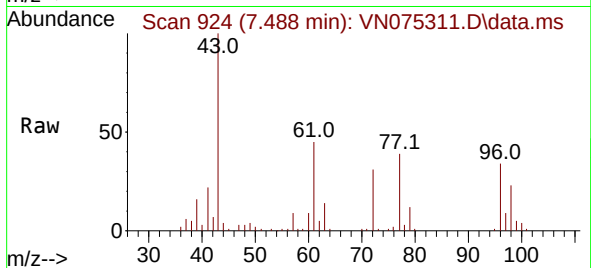
Tgt Ion: 96 Resp: 33864
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 278.8
 98 64.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#28

Bromochloromethane

Concen: 16.436 ug/l

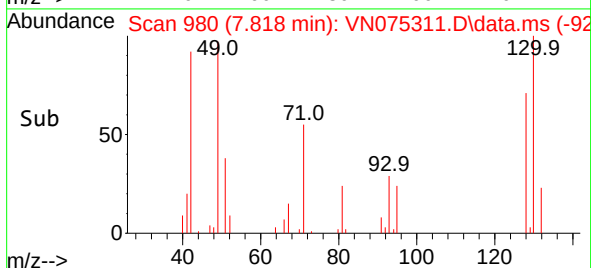
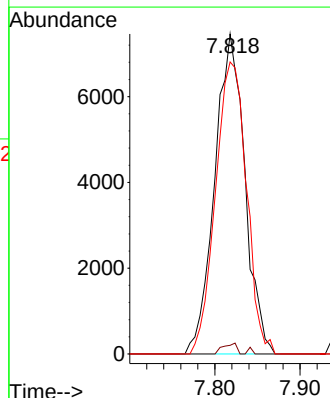
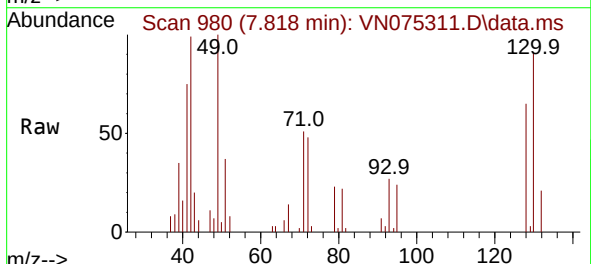
RT: 7.818 min Scan# 980

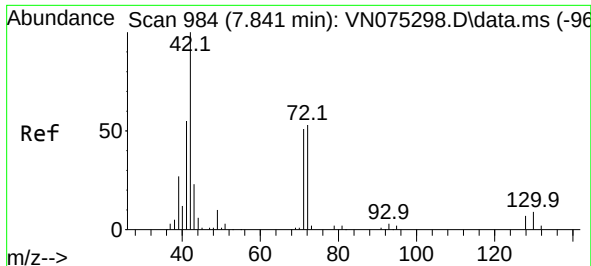
Delta R.T. -0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

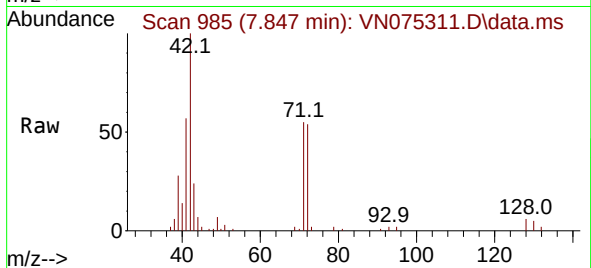
Tgt Ion: 49 Resp: 18340
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 93.7 66.2 99.4





#29
Tetrahydrofuran
Concen: 89.823 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

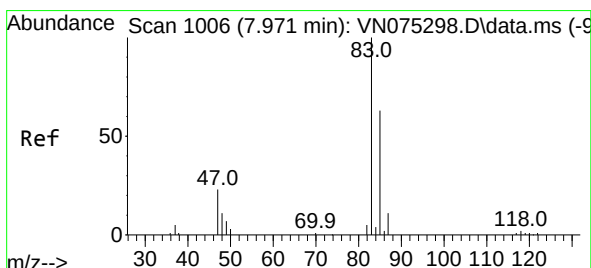
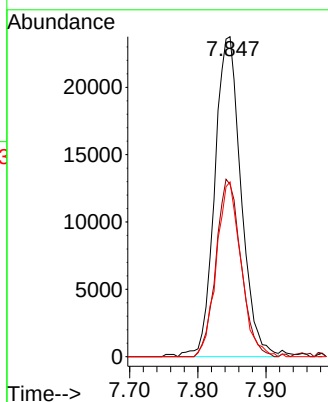
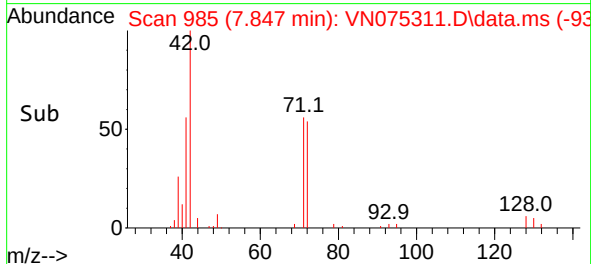
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



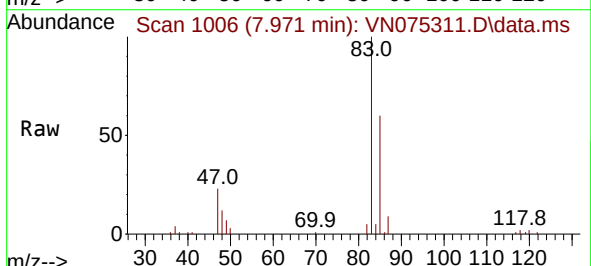
Tgt Ion: 42 Resp: 6380
Ion Ratio Lower Upper
42 100
72 52.8 43.0 64.6
71 51.2 39.9 59.9

Manual Integrations
APPROVED

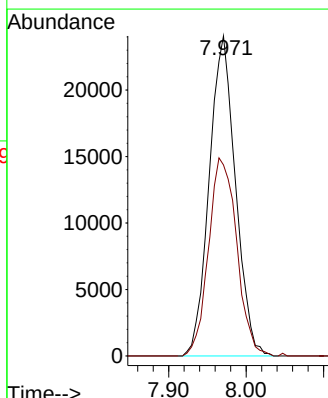
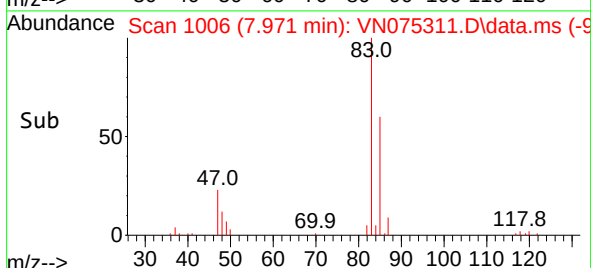
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

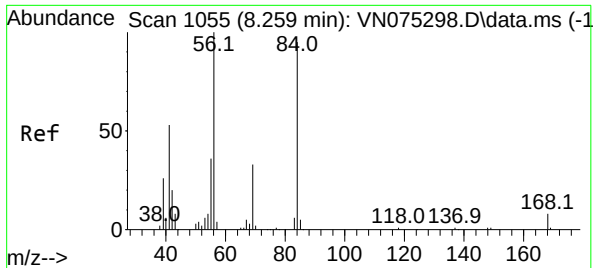


#30
Chloroform
Concen: 19.746 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



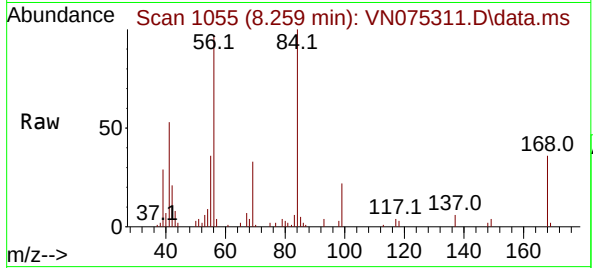
Tgt Ion: 83 Resp: 56749
Ion Ratio Lower Upper
83 100
85 59.7 51.4 77.0





#31
Cyclohexane
Concen: 18.640 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

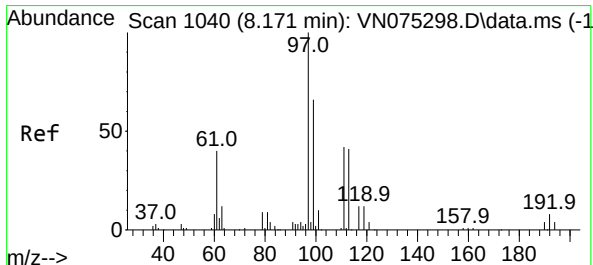
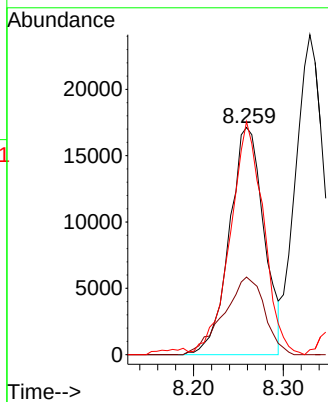
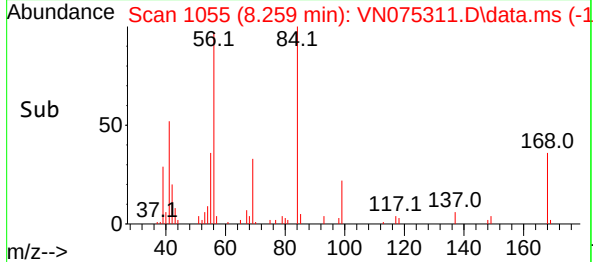
Instrument : MSVOA_N
ClientSampleId : VN1118WBS01



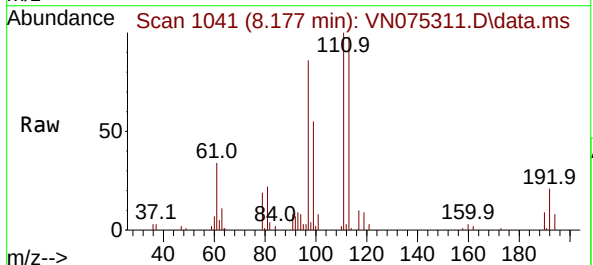
Tgt Ion: 56 Resp: 45759
Ion Ratio Lower Upper
56 100
69 34.1 25.2 37.8
84 100.6 77.8 116.8

Manual Integrations
APPROVED

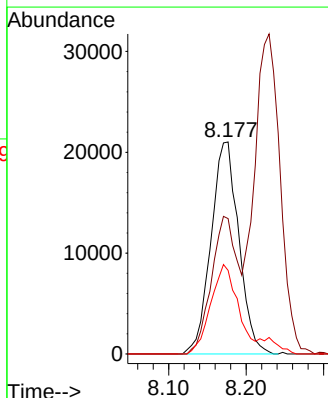
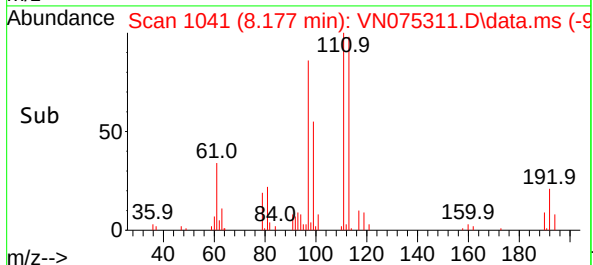
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

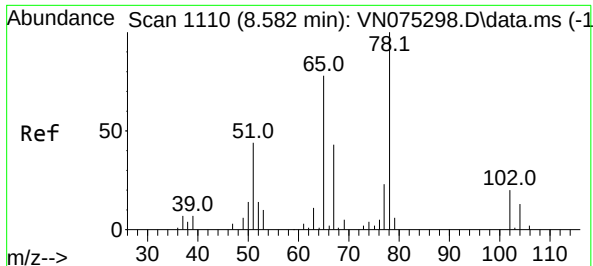


#32
1,1,1-Trichloroethane
Concen: 20.057 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



Tgt Ion: 97 Resp: 52345
Ion Ratio Lower Upper
97 100
99 60.9 50.2 75.2
61 41.5 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 42.102 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 65 Resp: 6949

Ion Ratio Lower Upper

65 100

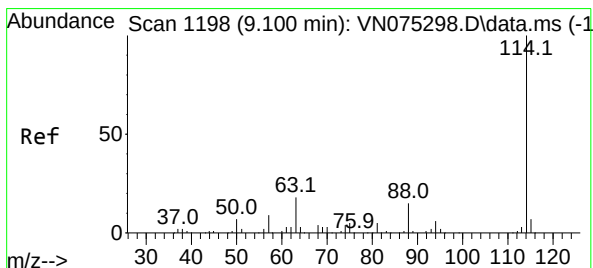
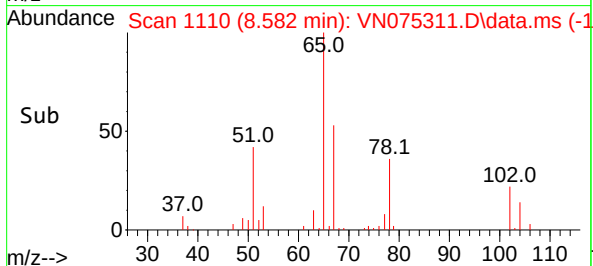
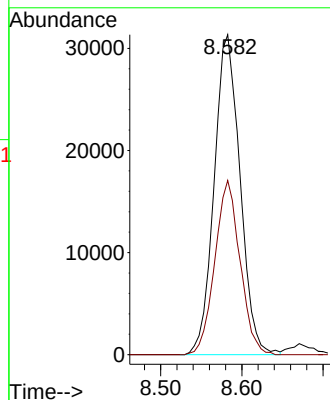
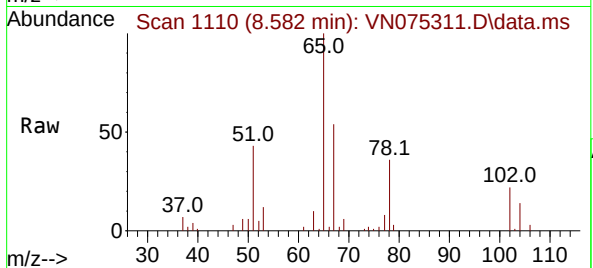
67 53.0 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

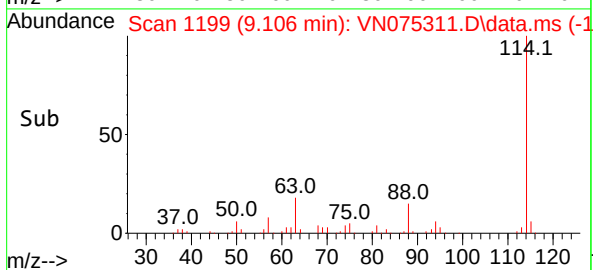
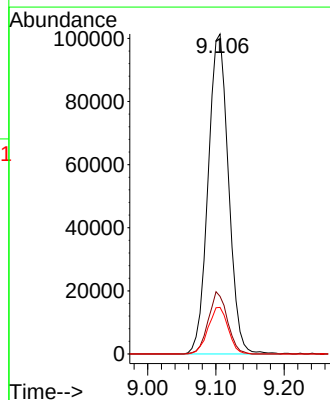
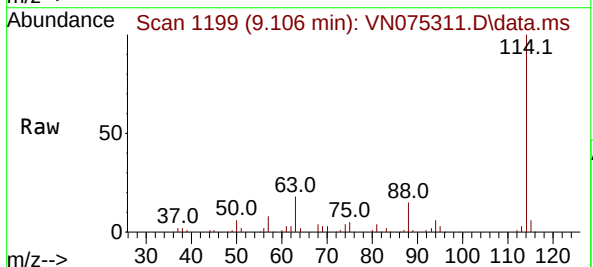
Tgt Ion:114 Resp: 210535

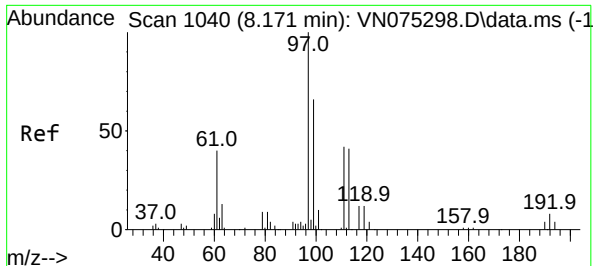
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

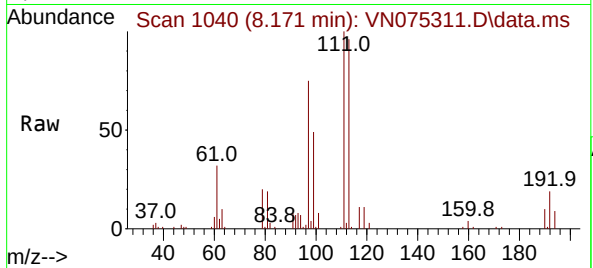
88 14.5 0.0 29.0





#35
Dibromofluoromethane
Concen: 51.202 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

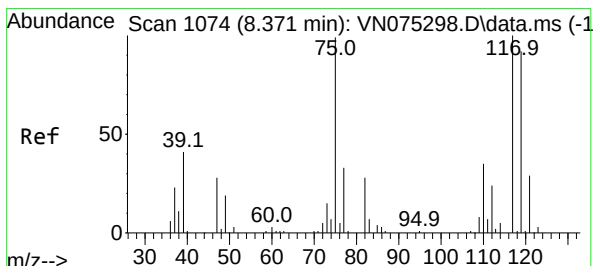
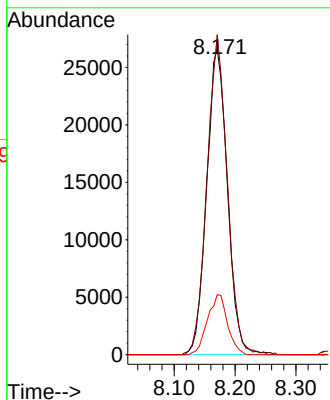
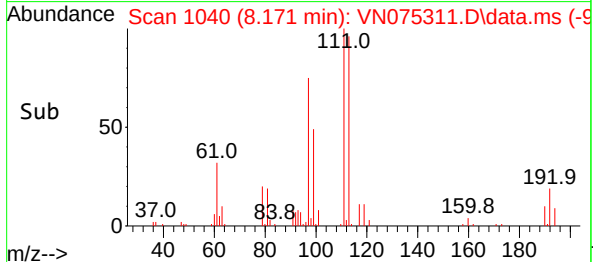
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



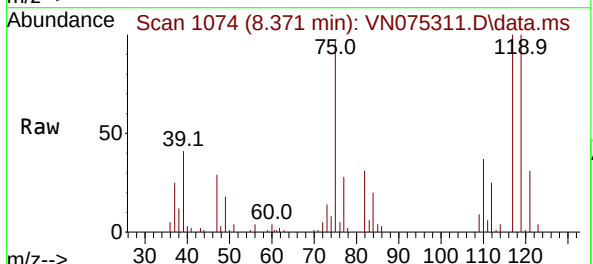
Tgt Ion:113 Resp: 6328
Ion Ratio Lower Upper
113 100
111 101.7 80.5 120.7
192 18.8 13.2 19.8

Manual Integrations
APPROVED

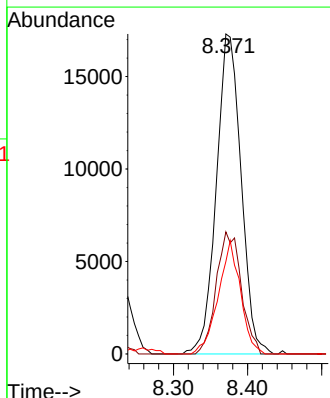
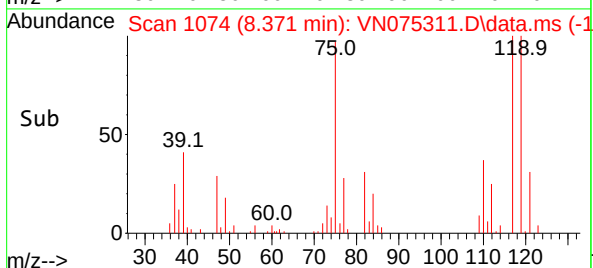
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

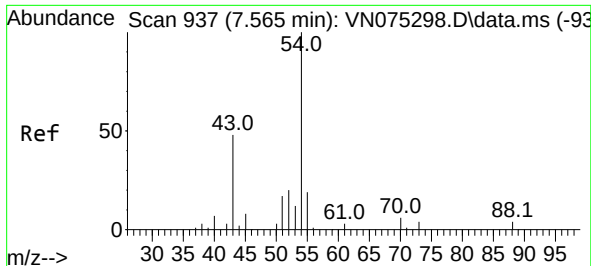


#36
1,1-Dichloropropene
Concen: 21.000 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



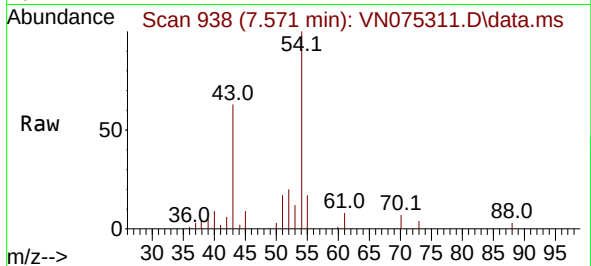
Tgt Ion: 75 Resp: 40182
Ion Ratio Lower Upper
75 100
110 38.5 17.8 53.3
77 31.7 24.6 37.0





#37
Ethyl Acetate
Concen: 18.356 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

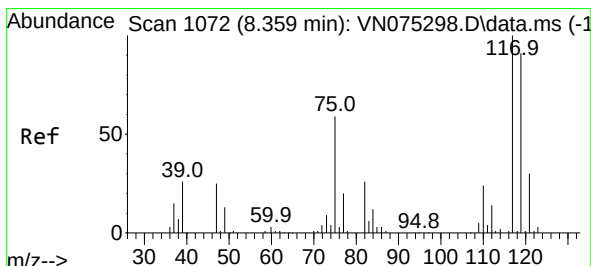
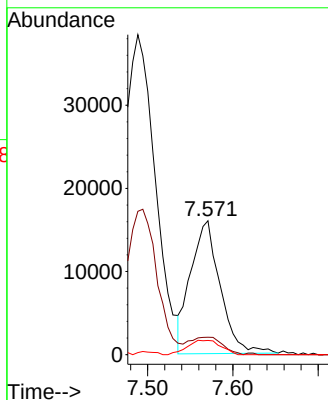
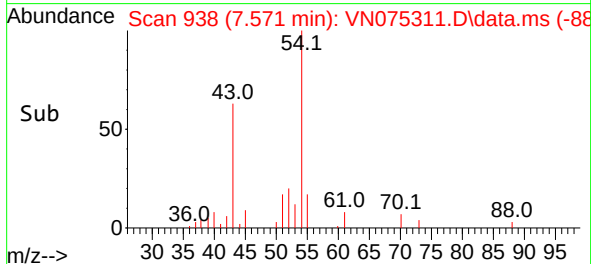
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 43 Resp: 38520
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.4
70 12.1 9.4 14.2

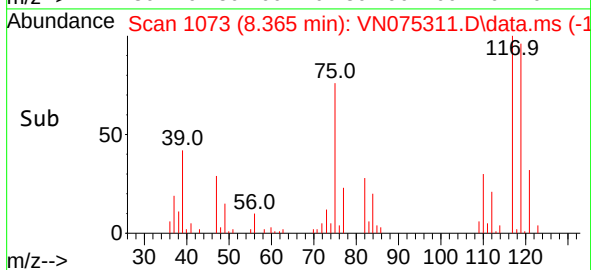
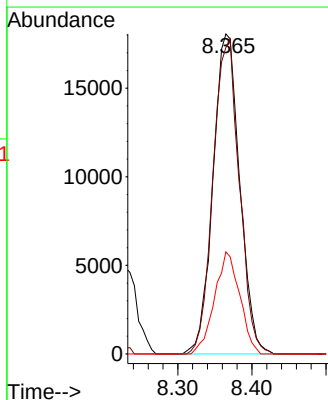
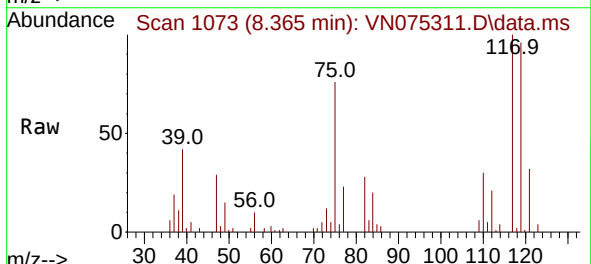
Manual Integrations
APPROVED

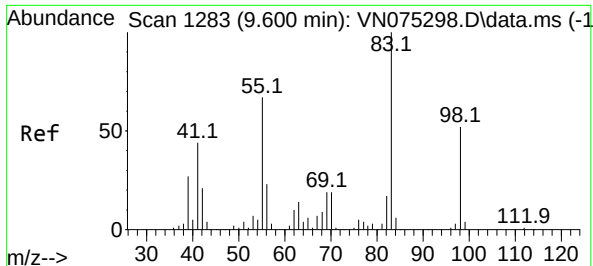
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#38
Carbon Tetrachloride
Concen: 21.434 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion:117 Resp: 45114
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 31.9 23.9 35.9





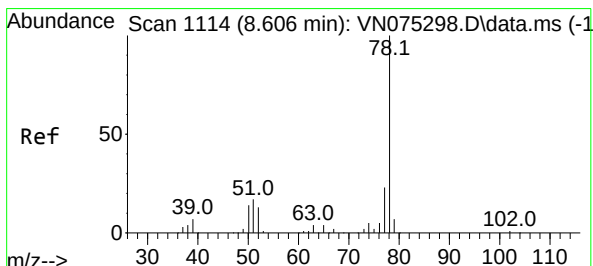
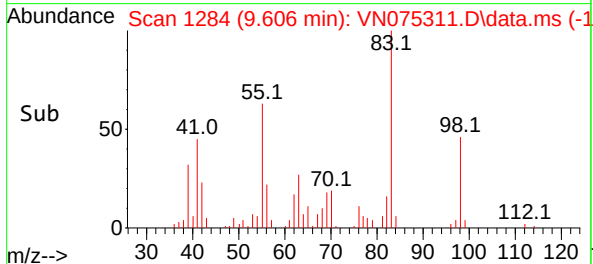
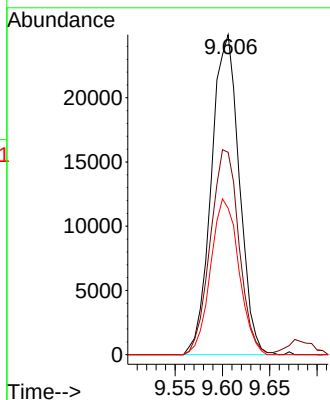
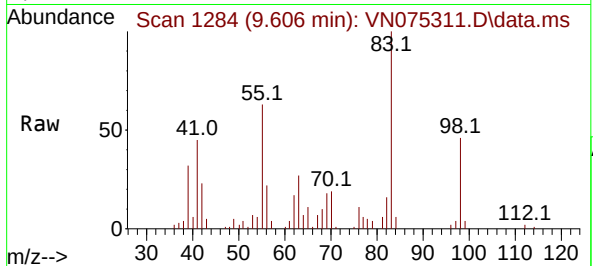
#39
Methylcyclohexane
Concen: 20.191 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 83 Resp: 51004
Ion Ratio Lower Upper
83 100
55 63.3 53.6 80.4
98 45.8 41.1 61.7

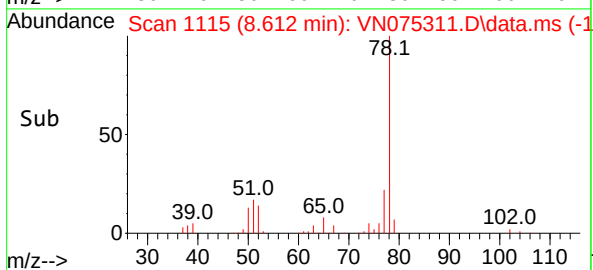
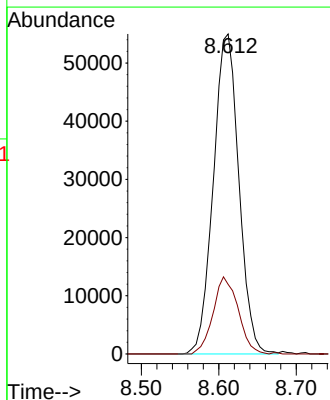
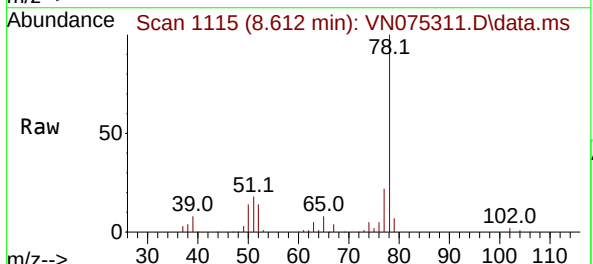
Manual Integrations
APPROVED

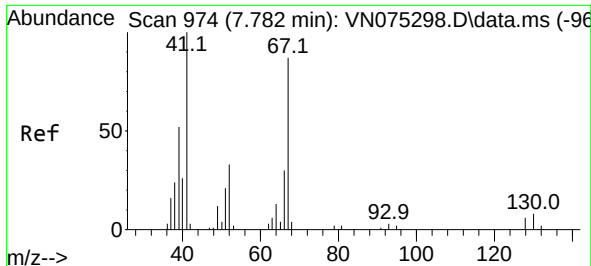
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40
Benzene
Concen: 21.496 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 78 Resp: 125940
Ion Ratio Lower Upper
78 100
77 21.8 19.4 29.0





#41
Methacrylonitrile
Concen: 20.734 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.005 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

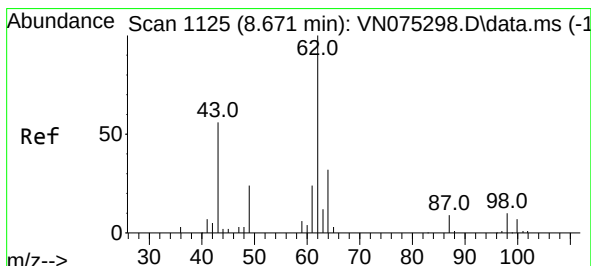
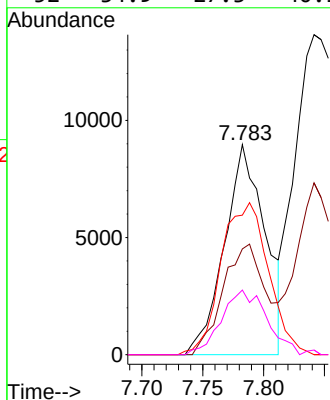
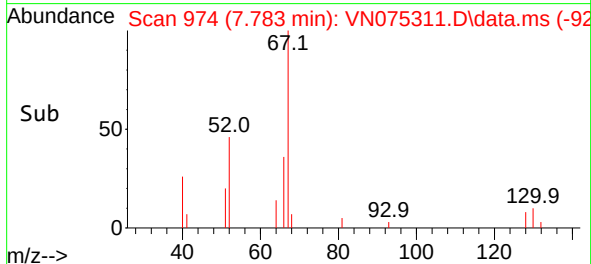
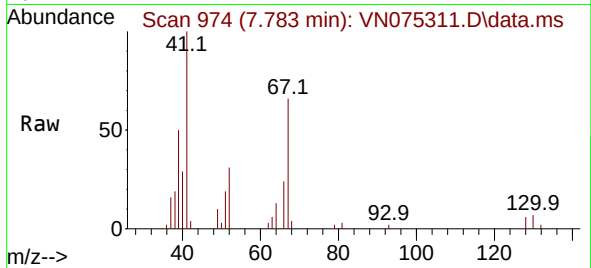
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 41 Resp: 2084

Ion	Ratio	Lower	Upper
41	100		
39	52.2	44.4	66.6
67	84.2	69.8	104.6
52	34.9	27.3	40.9

Manual Integrations
APPROVED

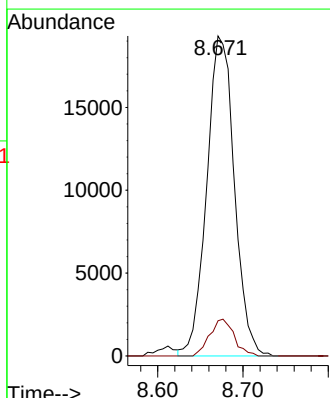
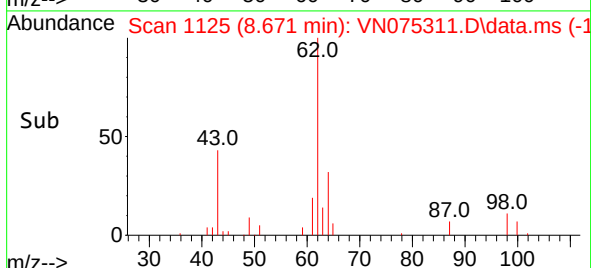
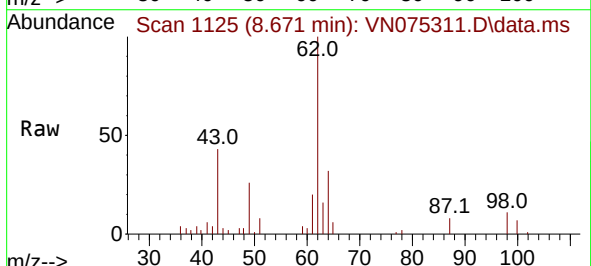
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

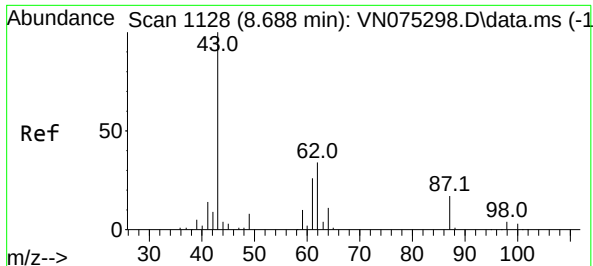


#42
1,2-Dichloroethane
Concen: 20.415 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 62 Resp: 43514

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.119 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

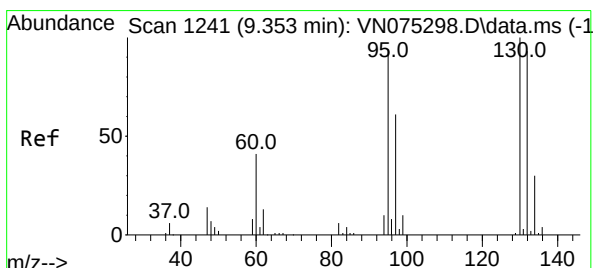
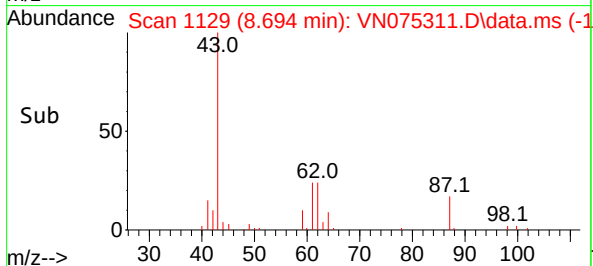
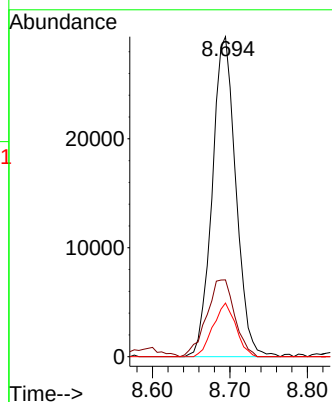
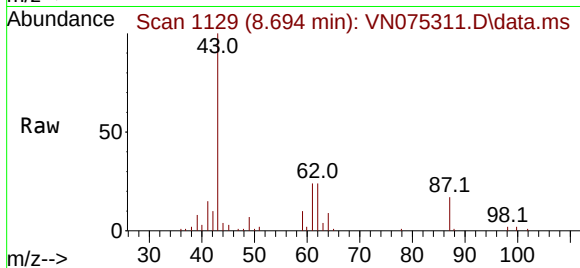
Tgt Ion: 43	Resp: 6223
Ion Ratio	Lower Upper
43	100
61	28.6 22.4 33.6
87	16.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#44

Trichloroethene

Concen: 22.622 ug/l

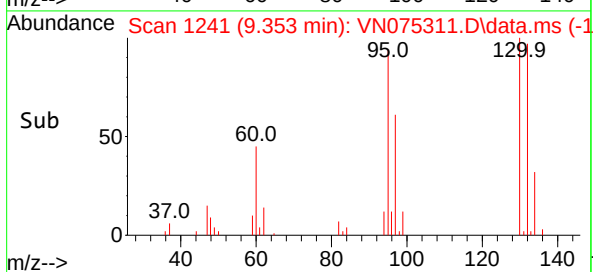
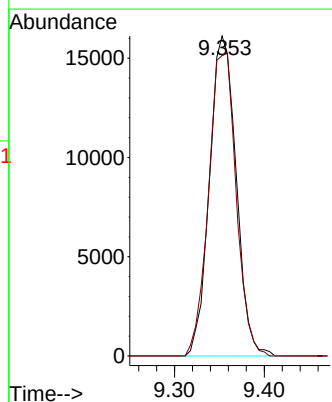
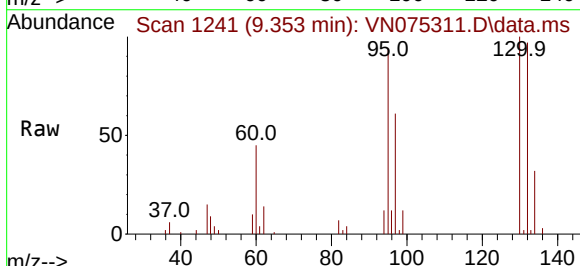
RT: 9.353 min Scan# 1241

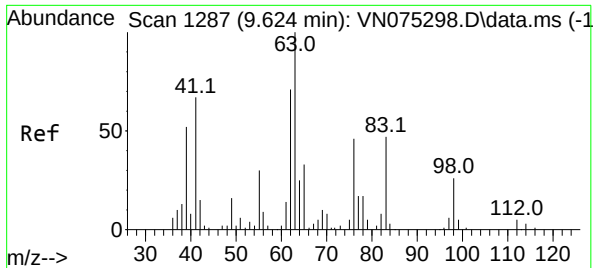
Delta R.T. 0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Tgt Ion:130	Resp: 33252
Ion Ratio	Lower Upper
130	100
95	93.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 22.402 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 63 Resp: 3123

Ion Ratio Lower Upper

63 100

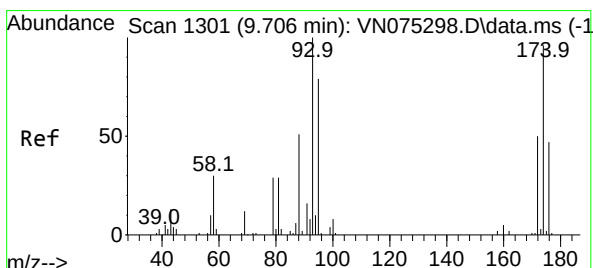
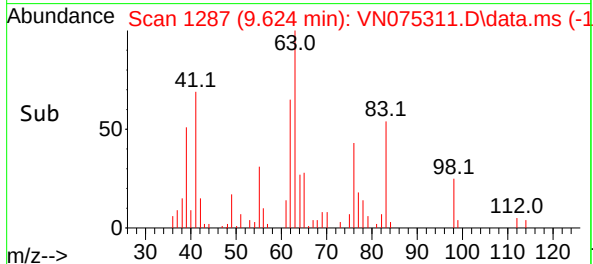
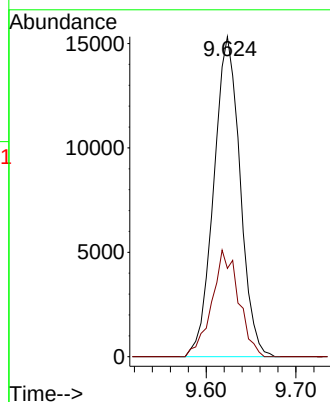
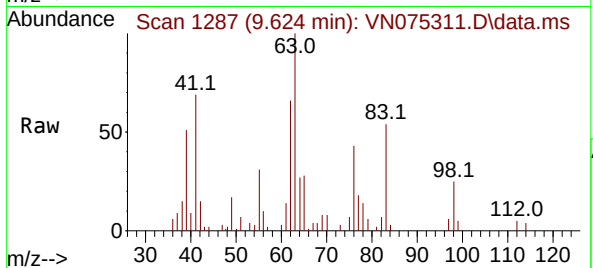
65 27.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 21.369 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

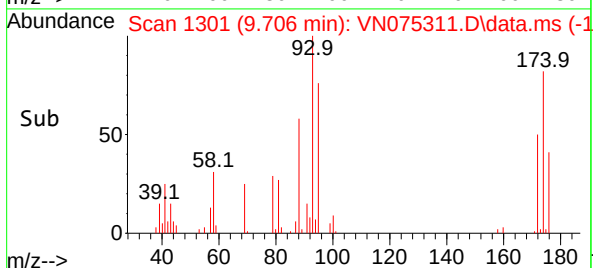
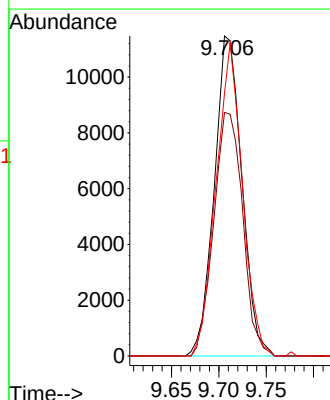
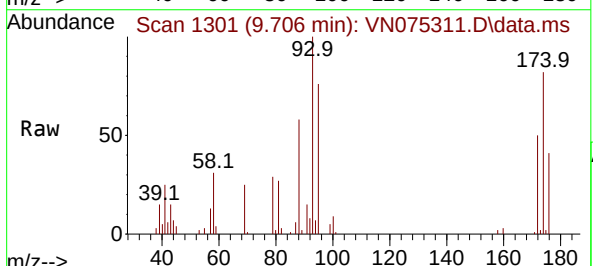
Tgt Ion: 93 Resp: 23212

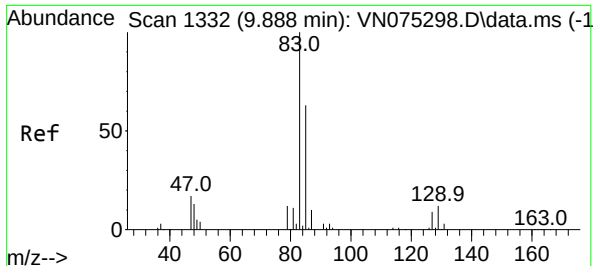
Ion Ratio Lower Upper

93 100

95 79.9 66.6 99.8

174 93.3 70.3 105.5





#47

Bromodichloromethane

Concen: 20.860 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

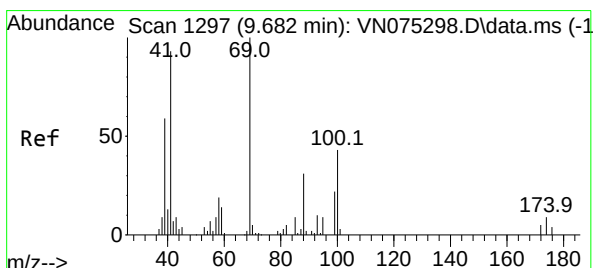
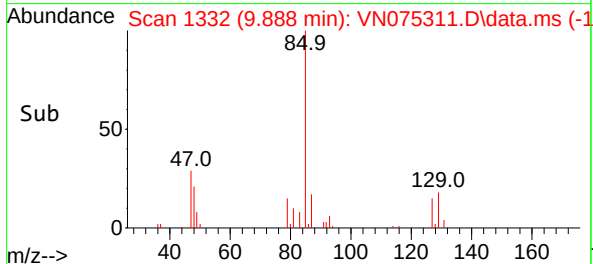
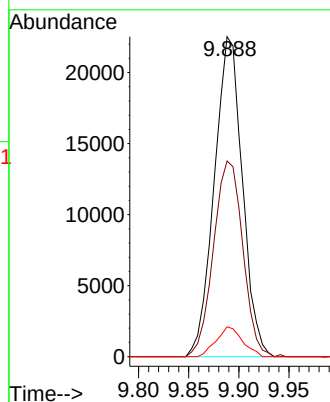
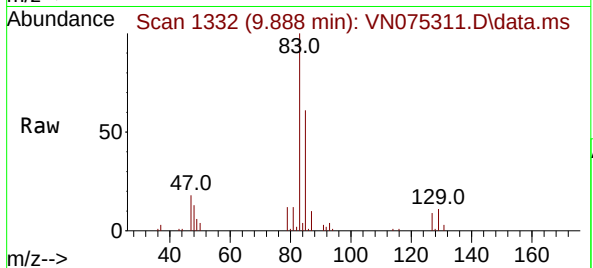
Tgt Ion: 83	Resp: 4388
Ion Ratio	Lower Upper
83	100
85	61.2 52.1 78.1
127	9.3 6.6 10.0

Manual Integrations

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Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#48

Methyl methacrylate

Concen: 18.943 ug/l

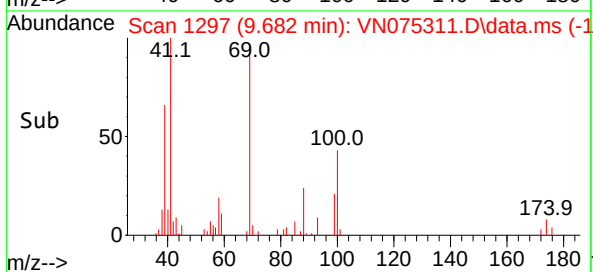
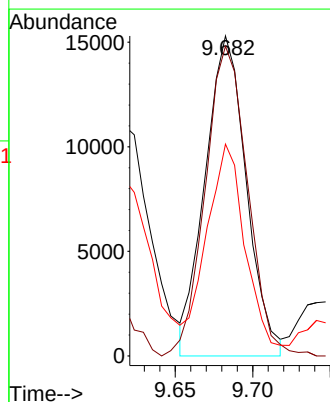
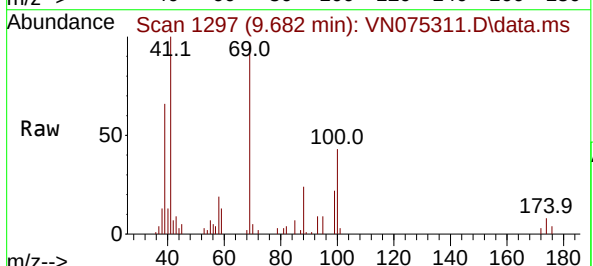
RT: 9.682 min Scan# 1297

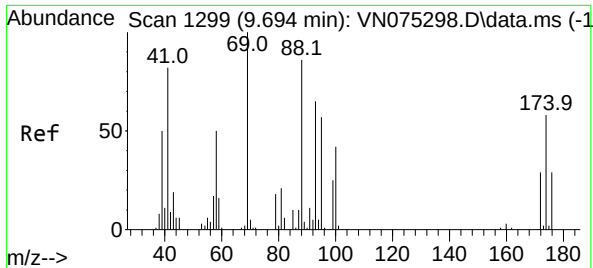
Delta R.T. 0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Tgt Ion: 41	Resp: 28284
Ion Ratio	Lower Upper
41	100
69	99.6 80.2 120.2
39	63.7 56.2 84.2





#49

1,4-Dioxane

Concen: 400.319 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 88 Resp: 1565

Ion Ratio Lower Upper

88 100

43 23.0 17.5 26.3

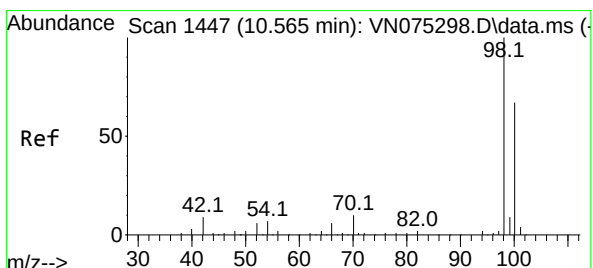
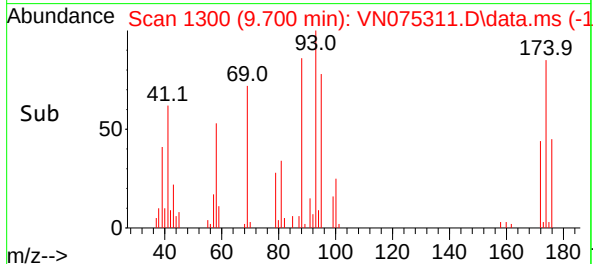
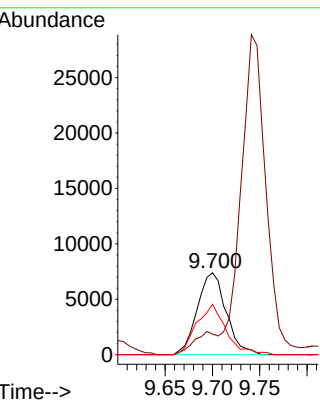
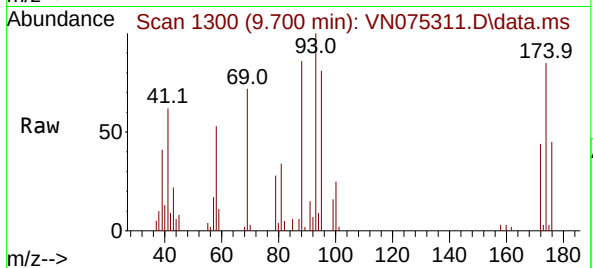
58 63.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

Toluene-d8

Concen: 46.369 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075311.D

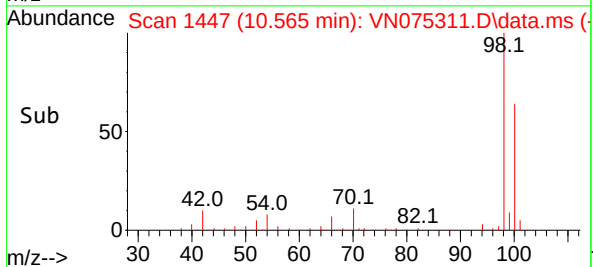
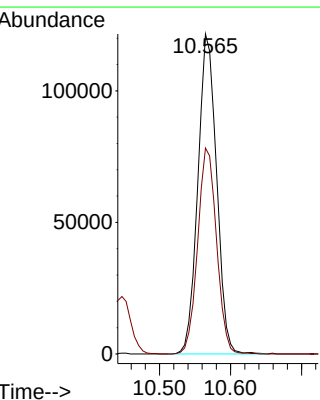
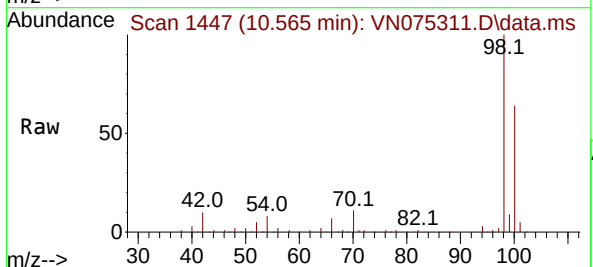
Acq: 18 Nov 2022 14:32

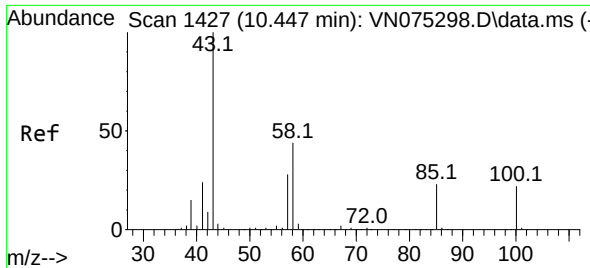
Tgt Ion: 98 Resp: 222347

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.6





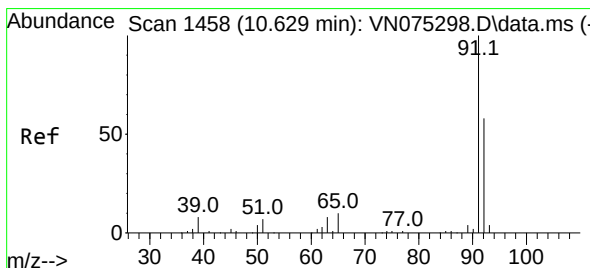
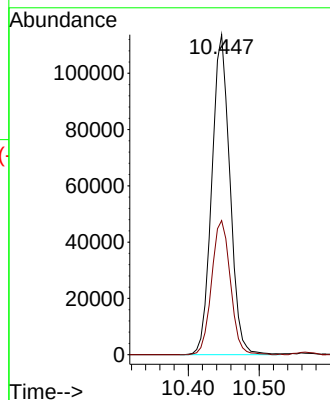
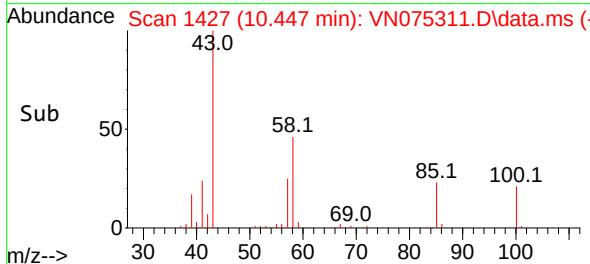
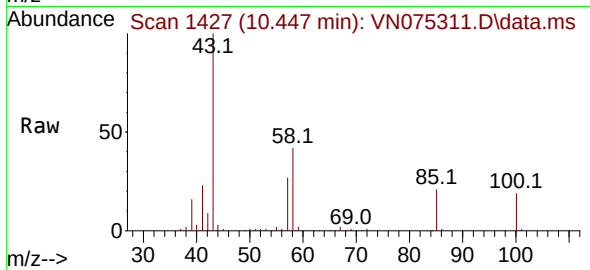
#51
4-Methyl-2-Pentanone
Concen: 95.853 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 43 Resp: 20133
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4

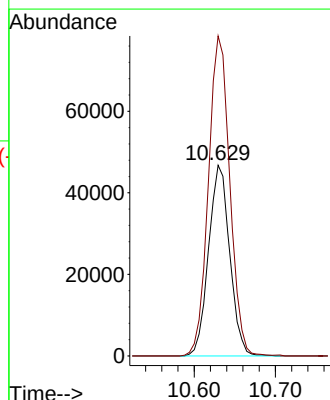
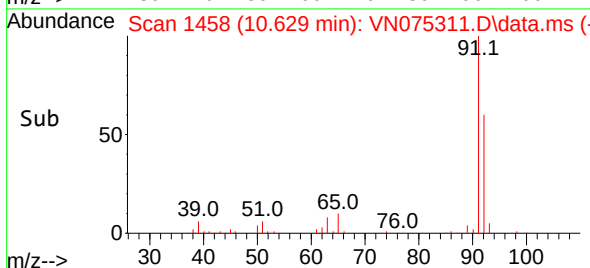
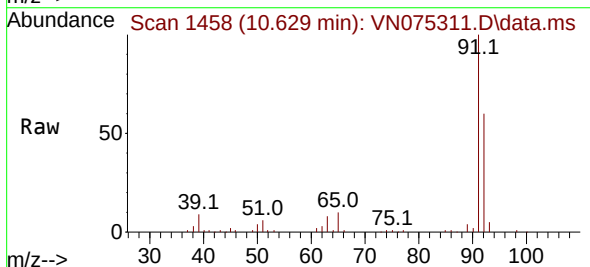
Manual Integrations
APPROVED

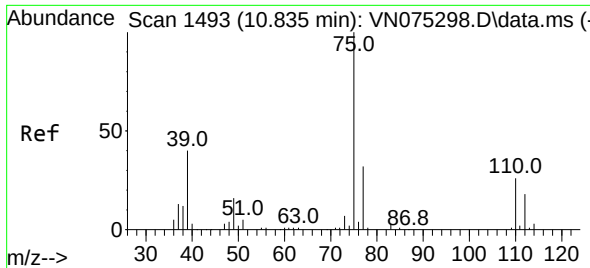
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Toluene
Concen: 21.587 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

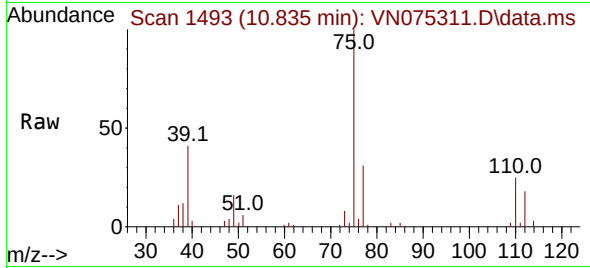
Tgt Ion: 92 Resp: 84543
Ion Ratio Lower Upper
92 100
91 170.0 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 19.459 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32

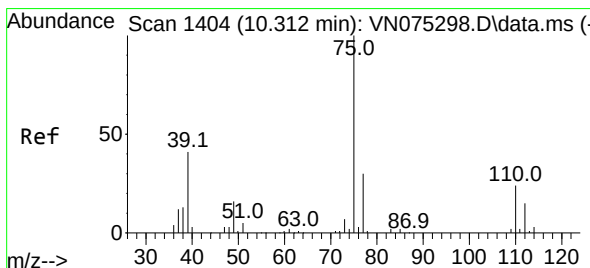
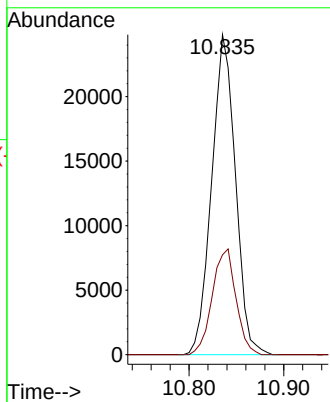
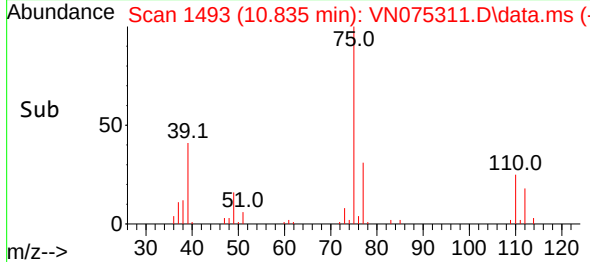
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01



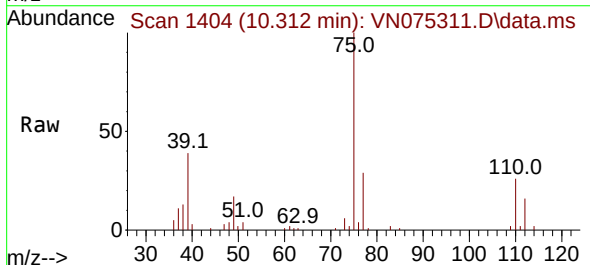
Tgt Ion: 75 Resp: 4320
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

Manual Integrations
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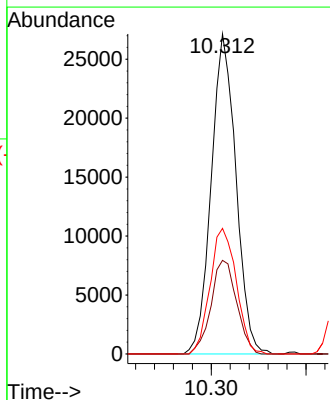
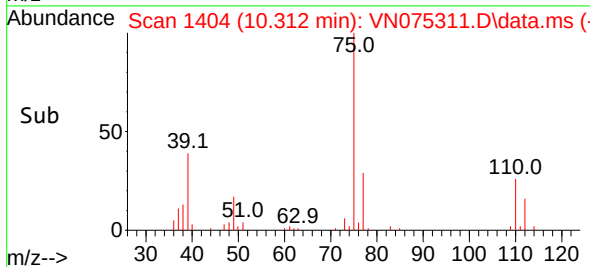
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

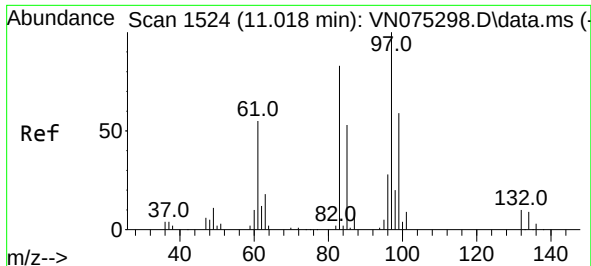


#54
 cis-1,3-Dichloropropene
 Concen: 20.864 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32



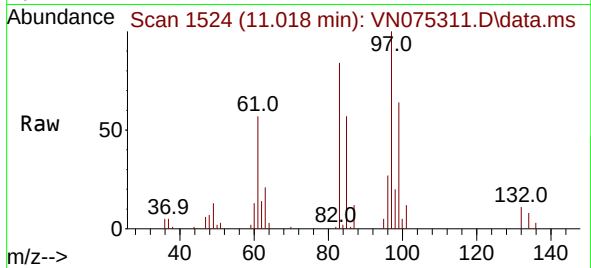
Tgt Ion: 75 Resp: 49135
 Ion Ratio Lower Upper
 75 100
 77 29.3 23.7 35.5
 39 39.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.512 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

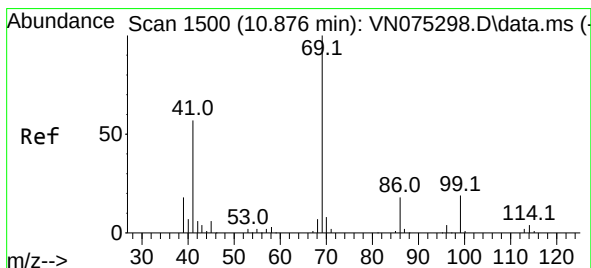
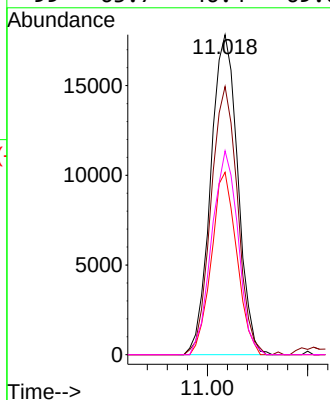
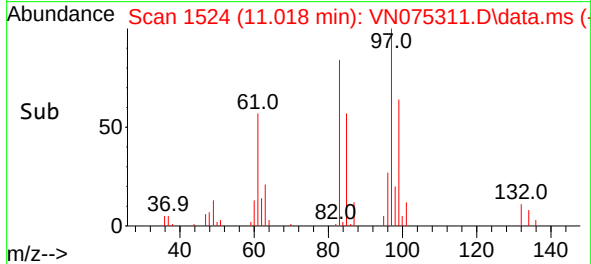
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.9	98.9
85	57.0	40.4	60.6
99	63.7	46.4	69.6

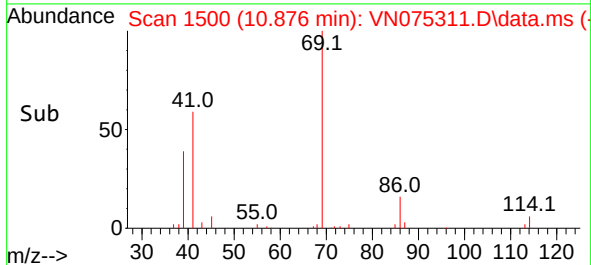
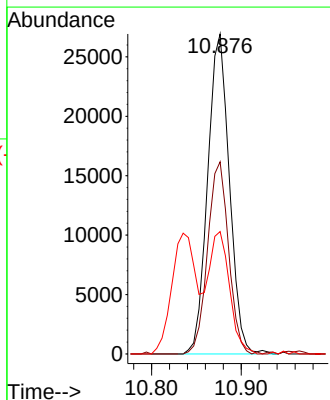
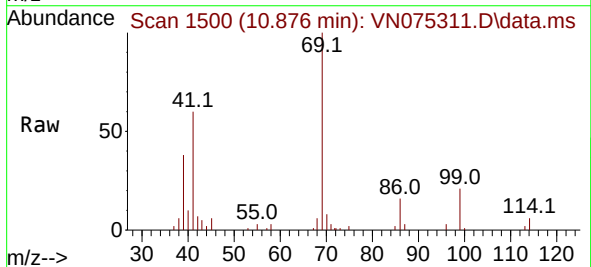
Manual Integrations
APPROVED

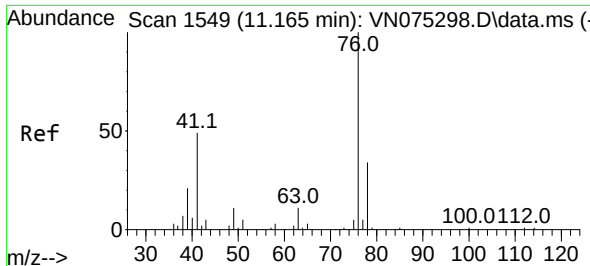
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#56
Ethyl methacrylate
Concen: 19.107 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.0	45.6	68.4
39	38.7	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.560 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075311.D

Acq: 18 Nov 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

Tgt Ion: 76 Resp: 55750

Ion Ratio Lower Upper

76 100

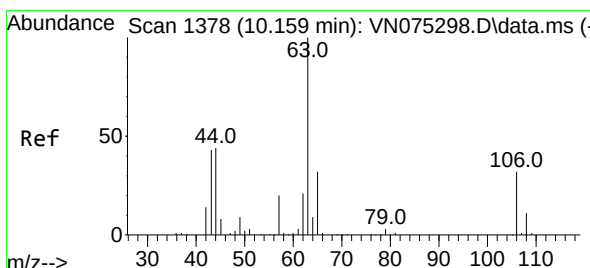
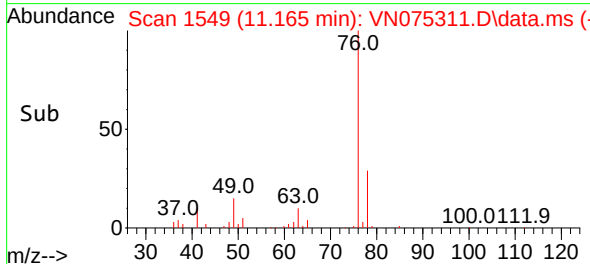
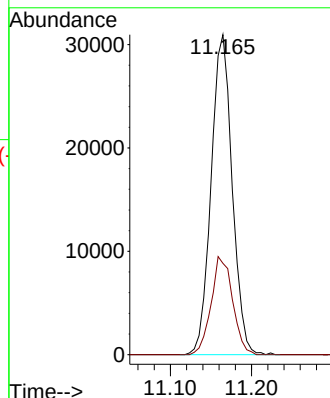
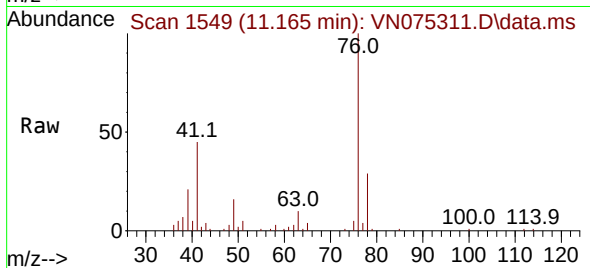
78 31.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 74.170 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075311.D

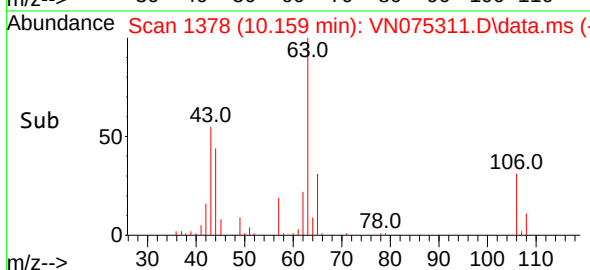
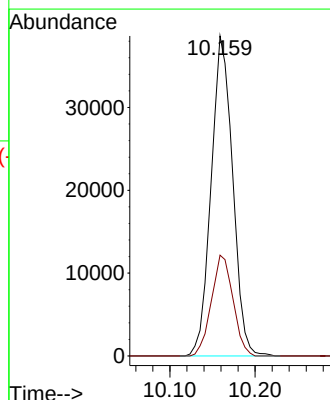
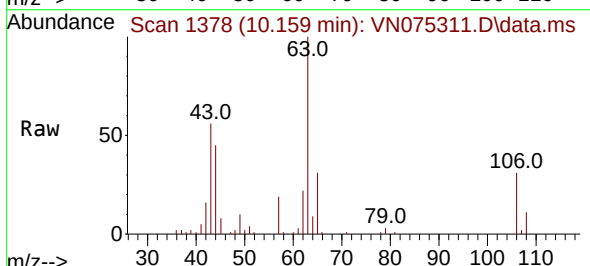
Acq: 18 Nov 2022 14:32

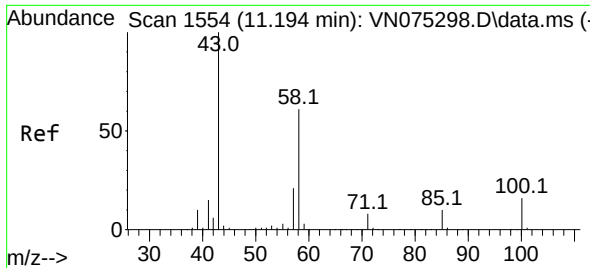
Tgt Ion: 63 Resp: 67921

Ion Ratio Lower Upper

63 100

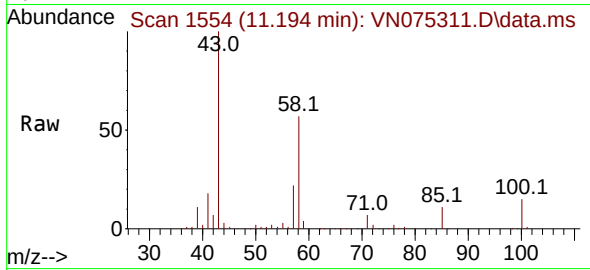
106 31.6 24.8 37.2





#59
2-Hexanone
Concen: 93.739 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

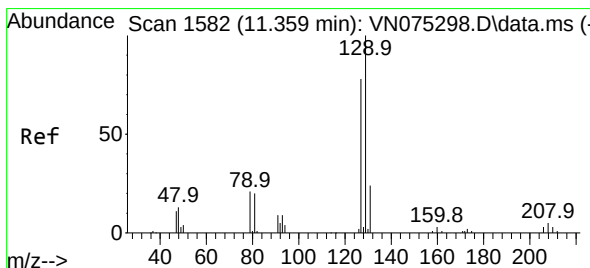
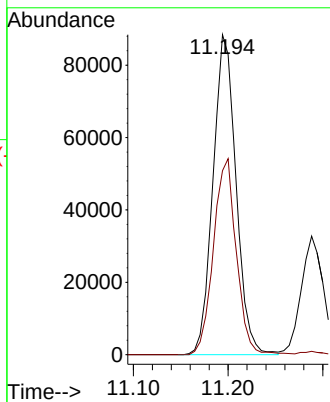
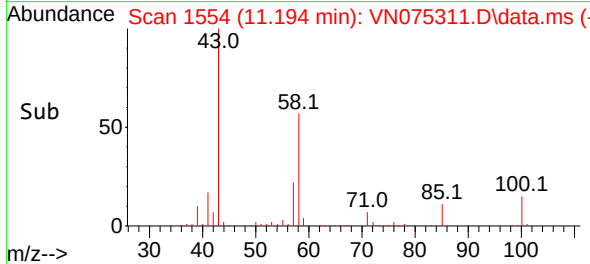
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 43 Resp: 149430
Ion Ratio Lower Upper
43 100
58 60.9 29.6 88.8

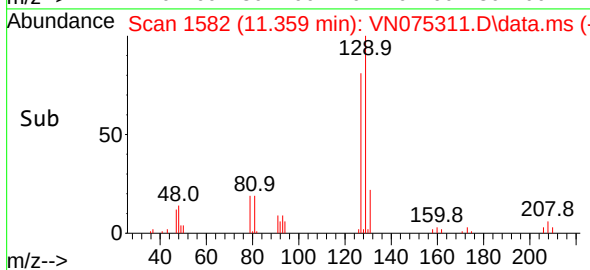
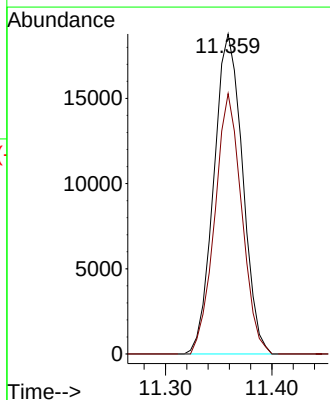
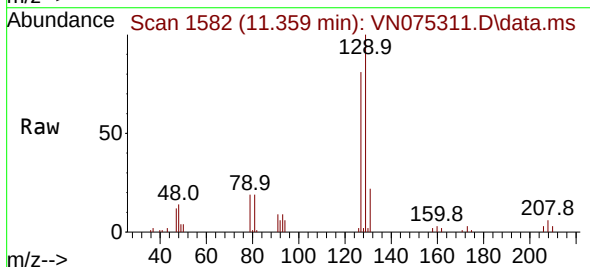
Manual Integrations
APPROVED

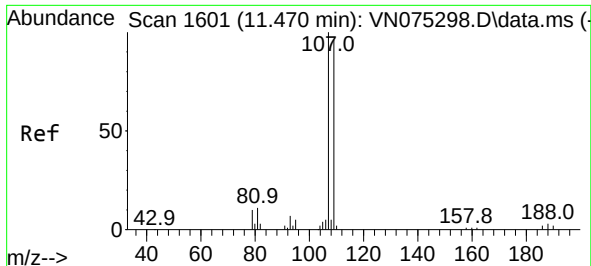
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
Dibromochloromethane
Concen: 21.467 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

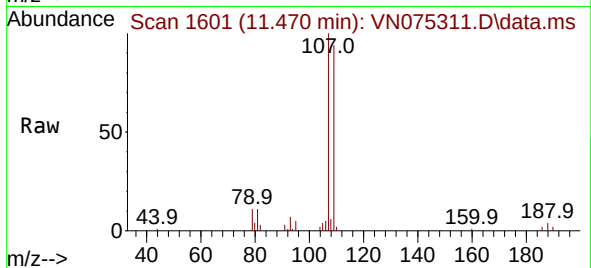
Tgt Ion:129 Resp: 35171
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.037 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

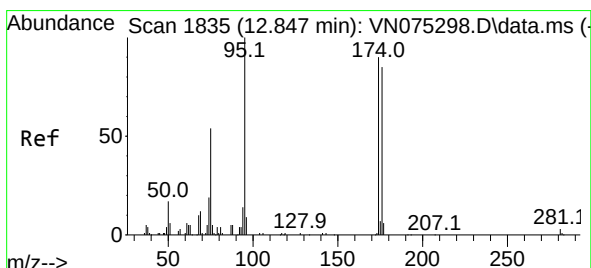
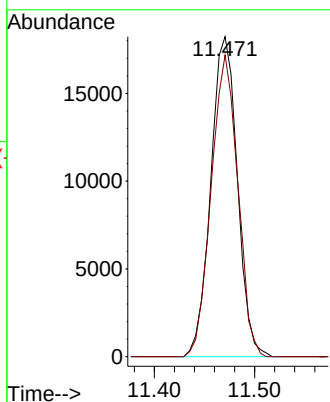
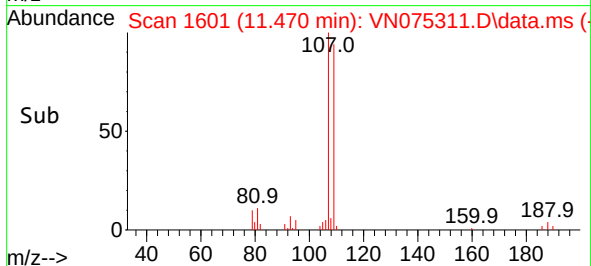
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



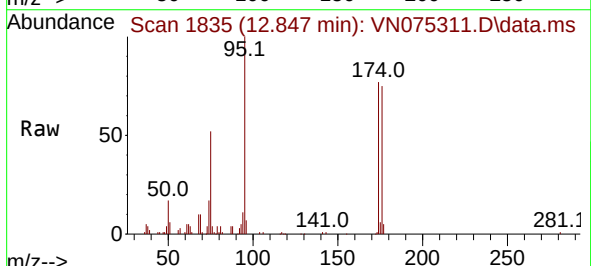
Tgt Ion:107 Resp: 33479
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

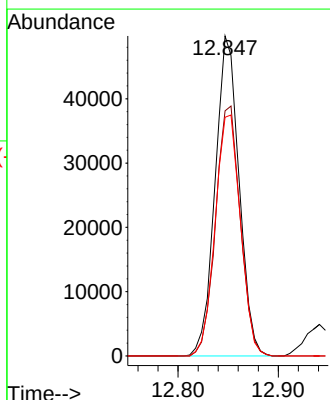
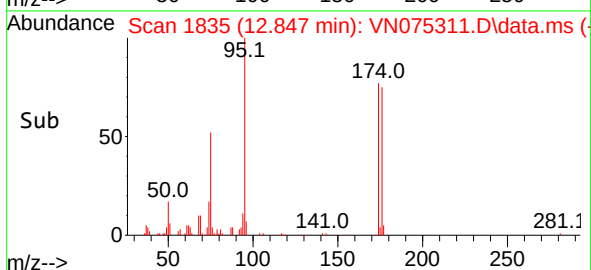
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

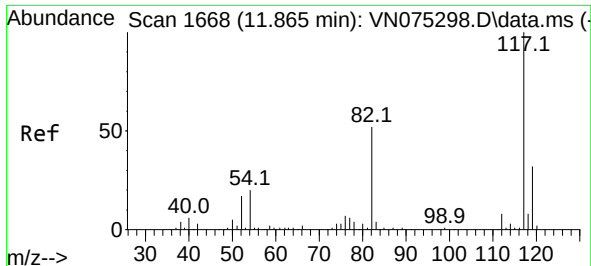


#62
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



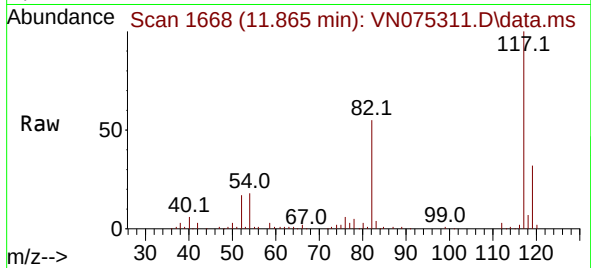
Tgt Ion: 95 Resp: 82290
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 79.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

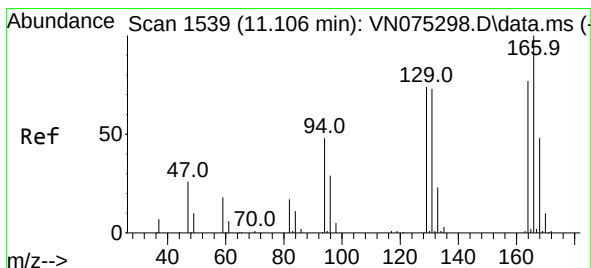
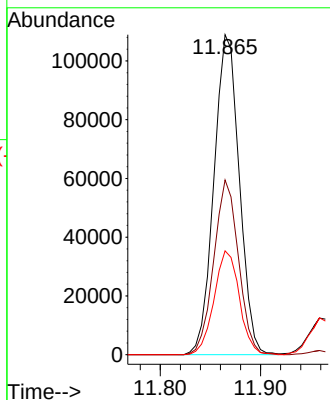
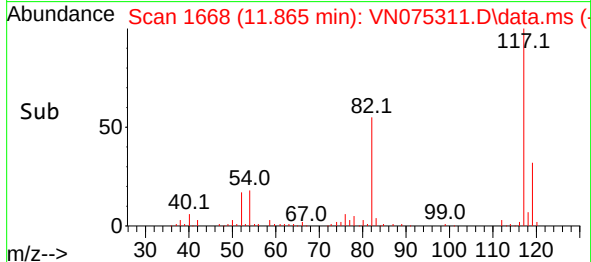
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



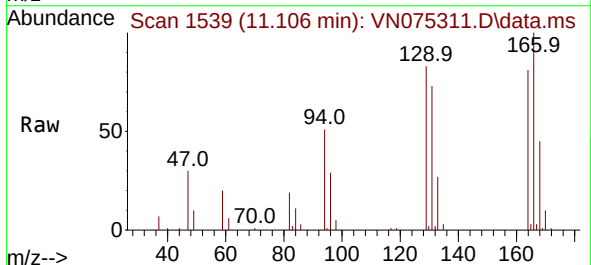
Tgt Ion:117 Resp: 19140
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.4 25.5 38.3

Manual Integrations
APPROVED

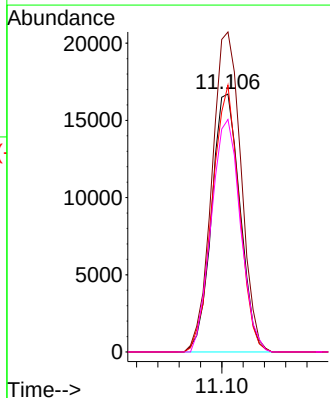
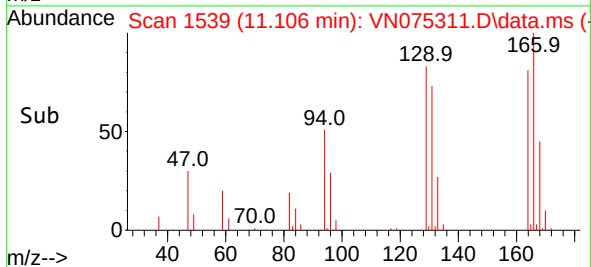
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

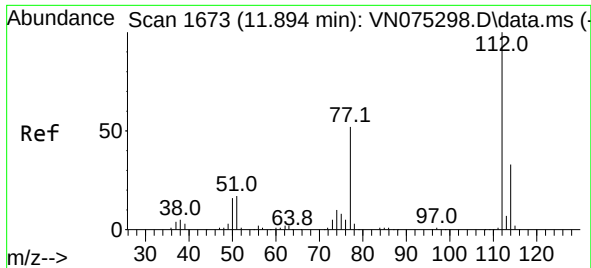


#64
Tetrachloroethene
Concen: 26.247 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



Tgt Ion:164 Resp: 30801
Ion Ratio Lower Upper
164 100
166 124.1 106.5 159.7
129 103.4 81.9 122.9
131 90.2 81.4 122.2





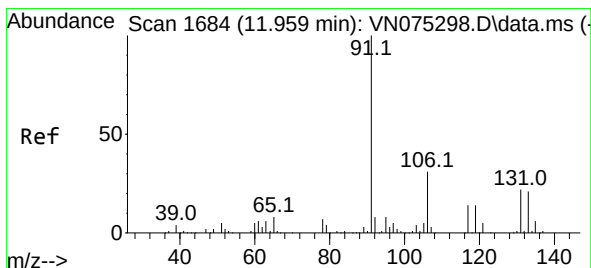
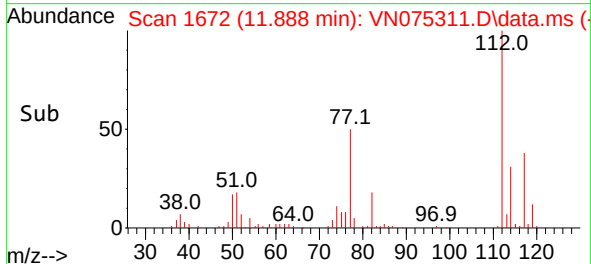
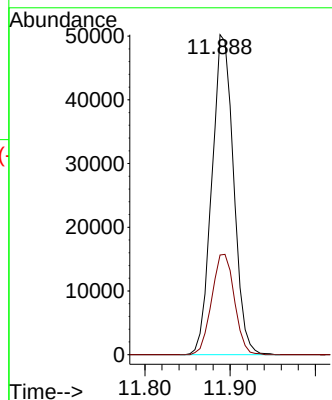
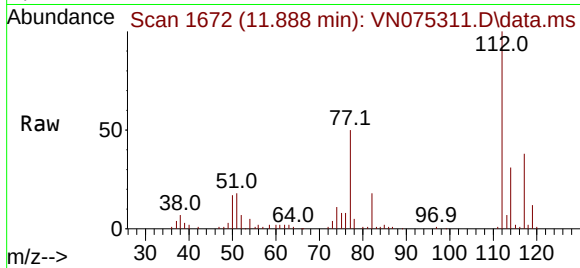
#65
Chlorobenzene
Concen: 21.736 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:112 Resp: 88804
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

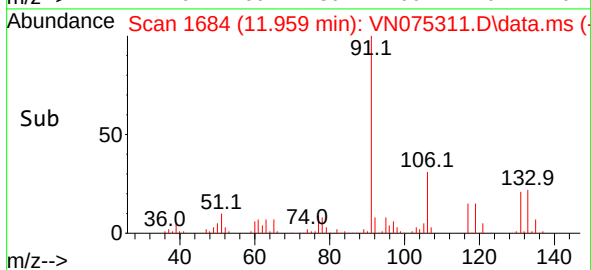
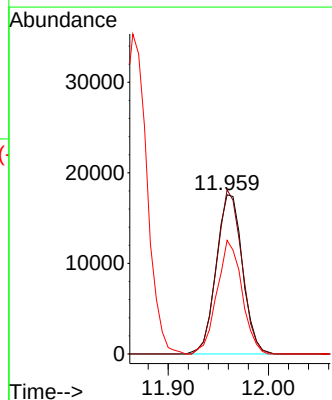
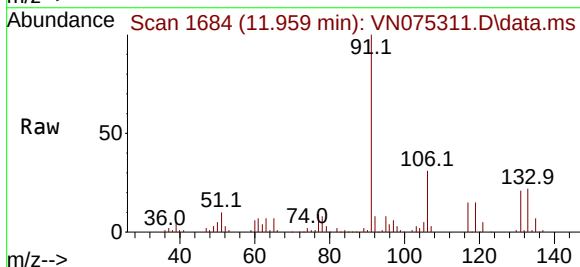
Manual Integrations
APPROVED

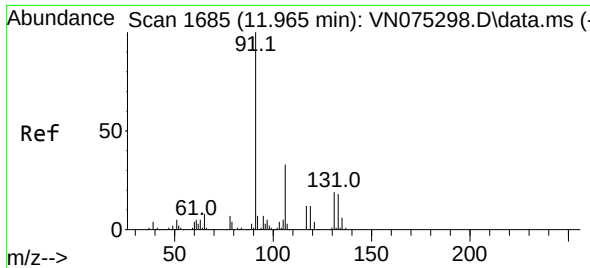
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.196 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion:131 Resp: 32125
Ion Ratio Lower Upper
131 100
133 98.6 47.8 143.4
119 67.5 33.0 99.0





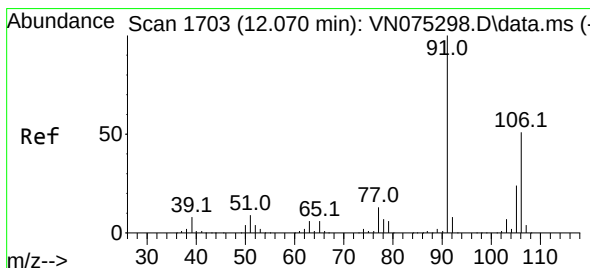
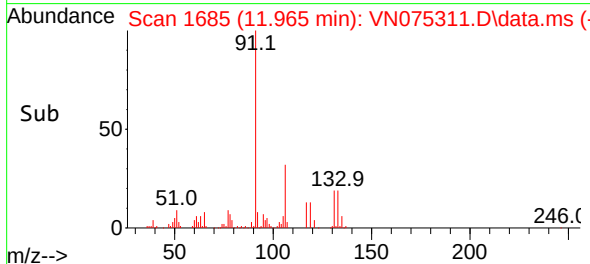
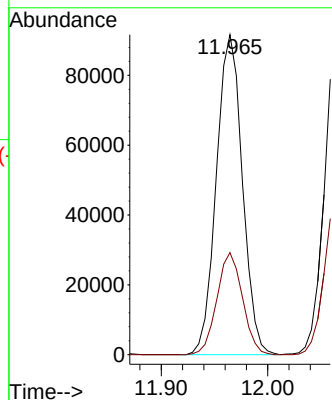
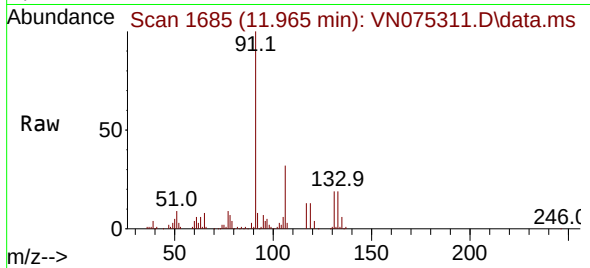
#67
Ethyl Benzene
Concen: 21.151 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 15547
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

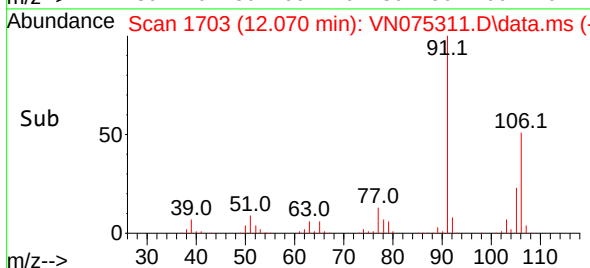
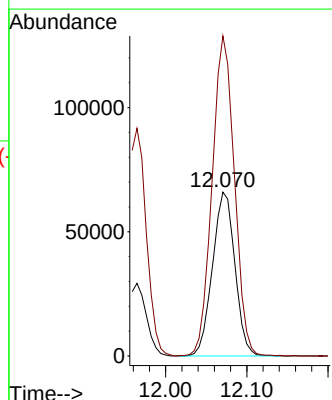
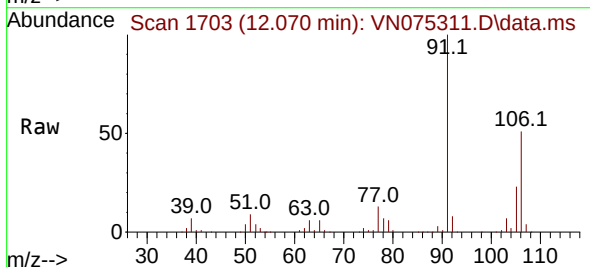
Manual Integrations
APPROVED

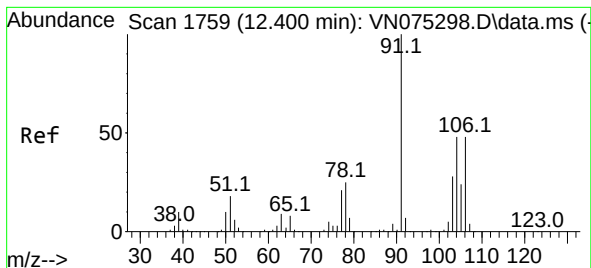
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 42.897 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion:106 Resp: 126521
Ion Ratio Lower Upper
106 100
91 194.4 156.0 234.0





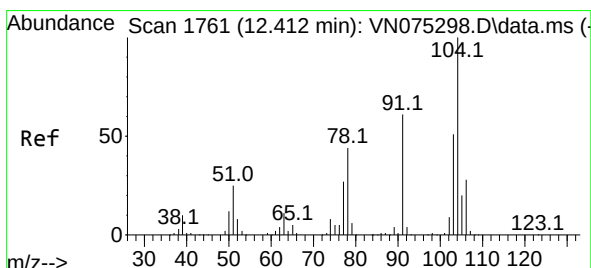
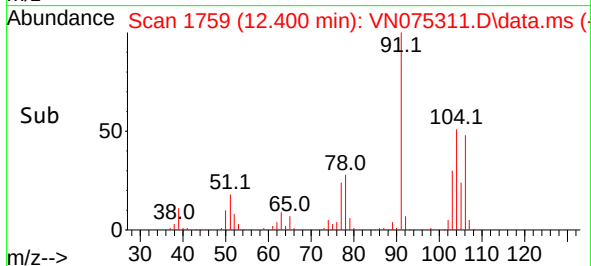
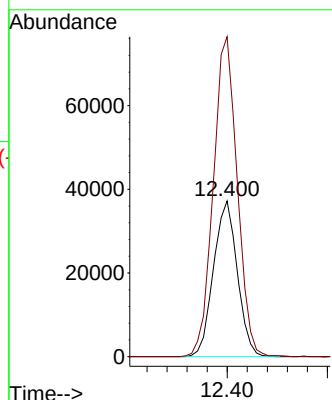
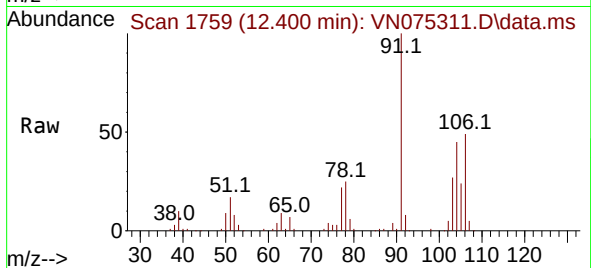
#69
o-Xylene
Concen: 21.027 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:106 Resp: 6133
Ion Ratio Lower Upper
106 100
91 206.6 105.2 315.5

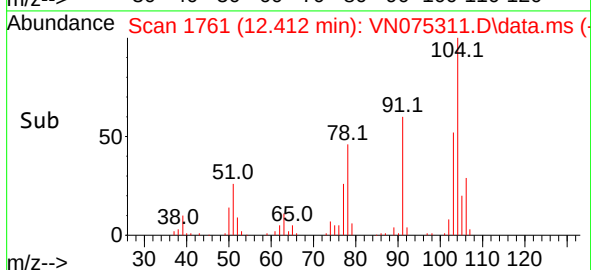
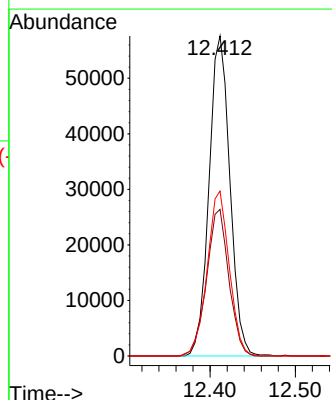
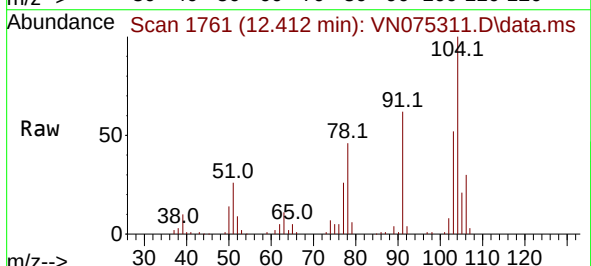
Manual Integrations
APPROVED

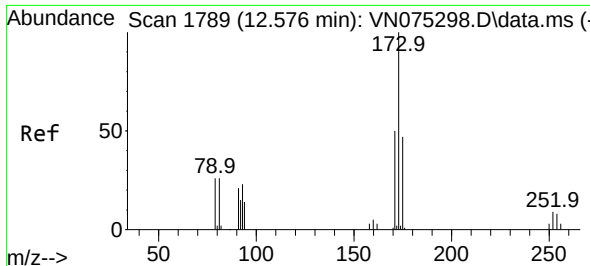
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 21.085 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

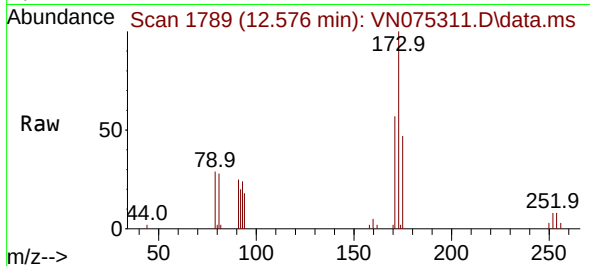
Tgt Ion:104 Resp: 98063
Ion Ratio Lower Upper
104 100
78 48.9 38.1 57.1
103 54.3 44.6 66.8





#71
Bromoform
Concen: 20.631 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

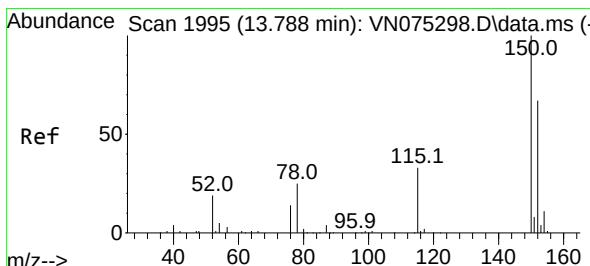
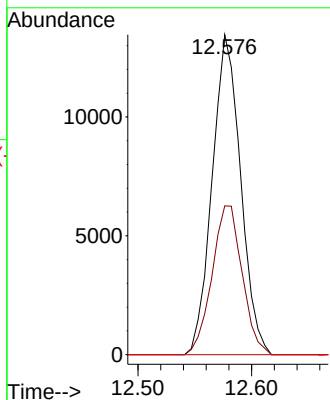
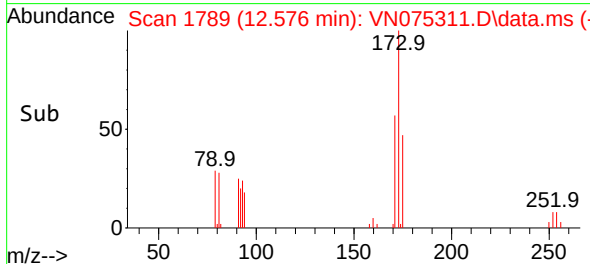
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



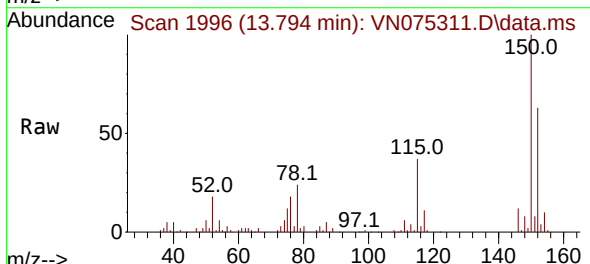
Tgt Ion:173 Resp: 23410
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

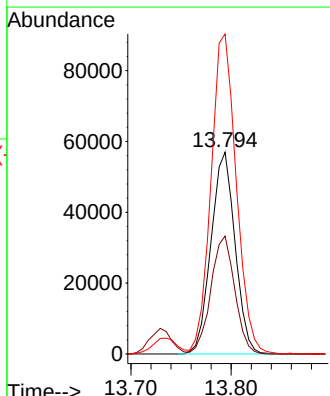
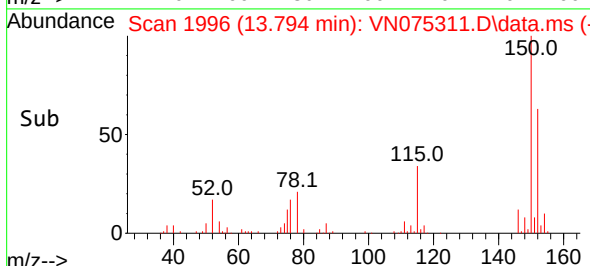
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

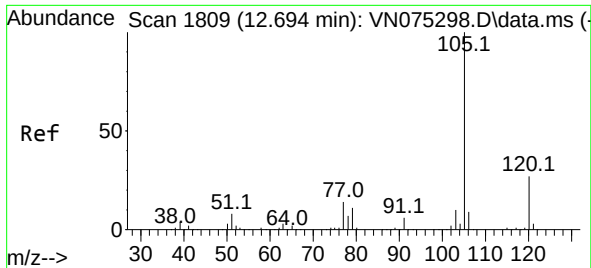


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



Tgt Ion:152 Resp: 94774
Ion Ratio Lower Upper
152 100
115 57.9 30.2 90.6
150 166.6 0.0 348.4





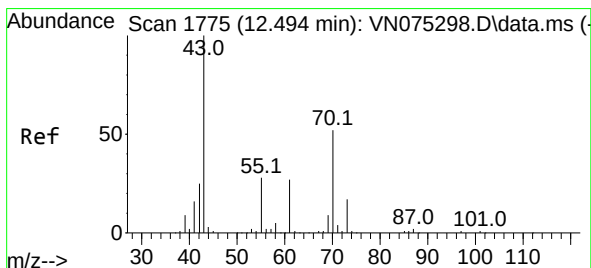
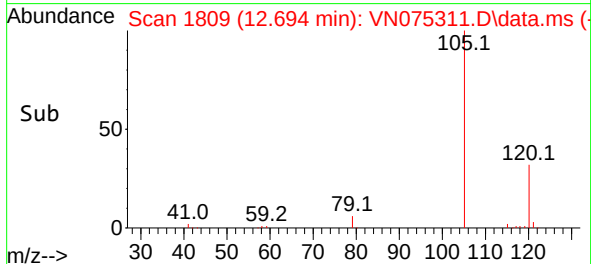
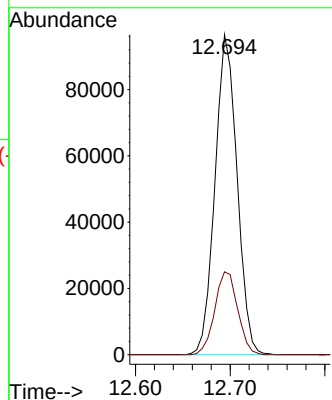
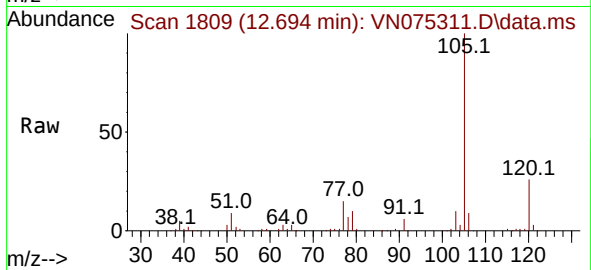
#73
Isopropylbenzene
Concen: 20.553 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:105 Resp: 15638
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

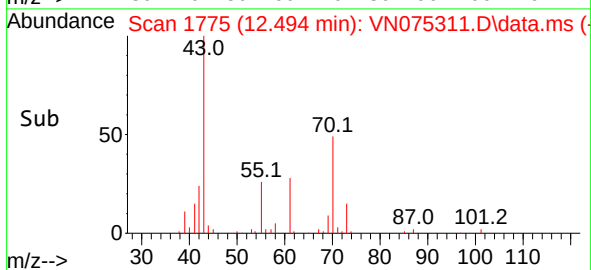
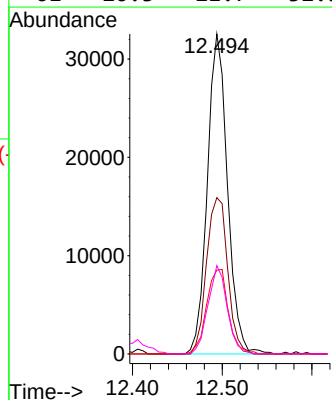
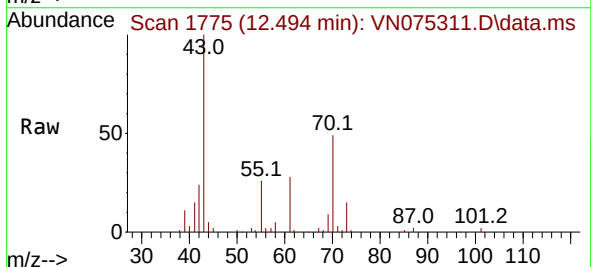
Manual Integrations
APPROVED

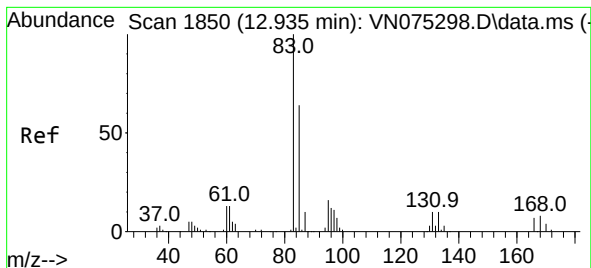
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#74
N-ethyl acetate
Concen: 18.025 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

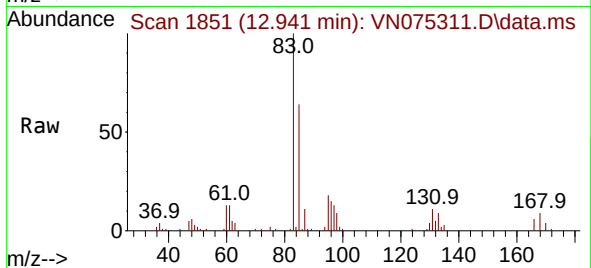
Tgt Ion: 43 Resp: 50724
Ion Ratio Lower Upper
43 100
70 51.3 39.8 59.8
55 28.4 19.9 29.9
61 26.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.015 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

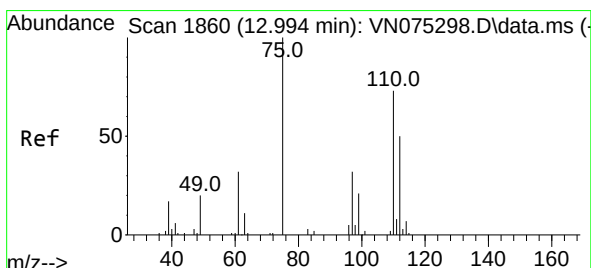
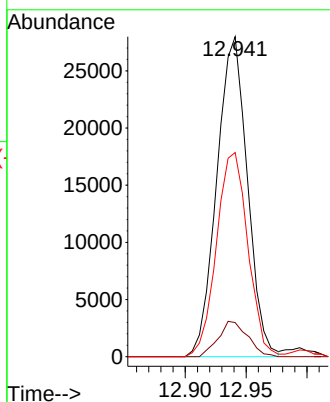
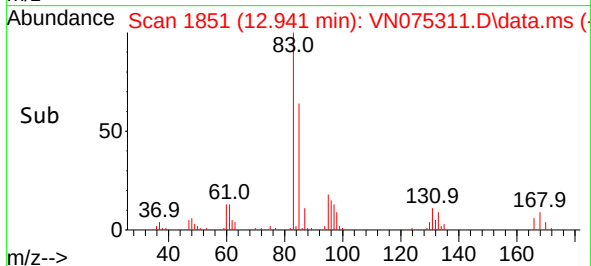
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 83 Resp: 48949
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.5 31.6 94.7

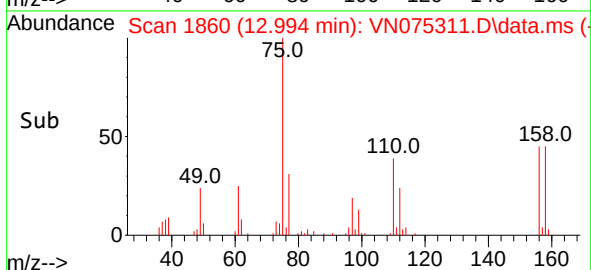
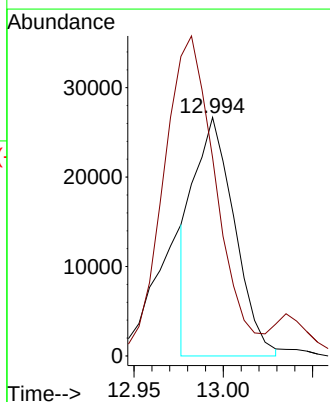
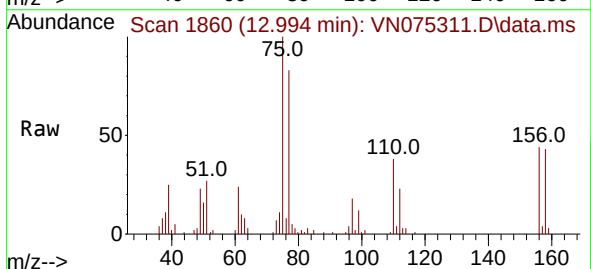
Manual Integrations
APPROVED

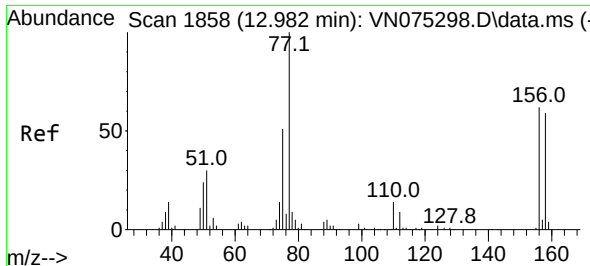
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,2,3-Trichloropropane
Concen: 21.168 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 75 Resp: 42597
Ion Ratio Lower Upper
75 100
77 172.4 75.6 226.8





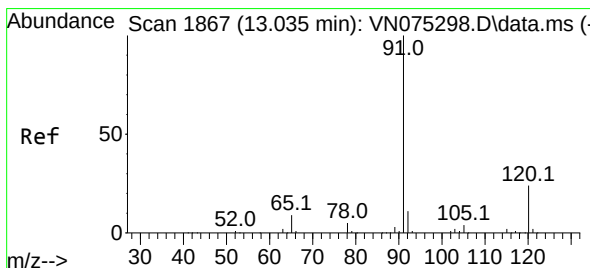
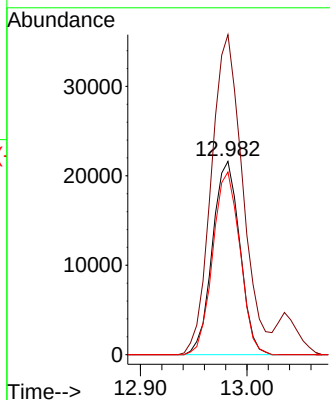
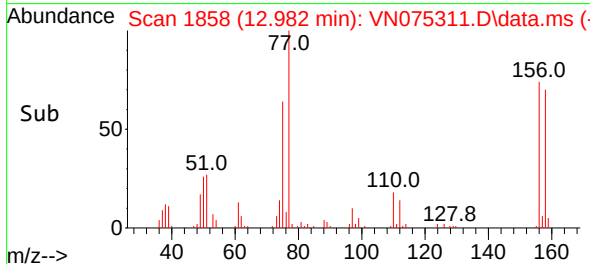
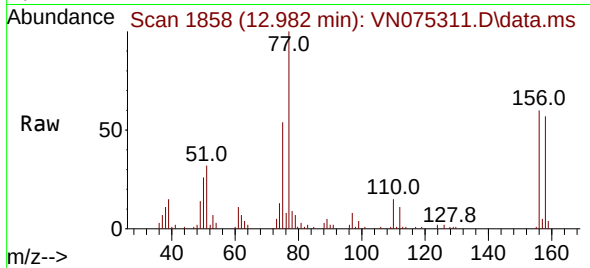
#77
Bromobenzene
Concen: 23.081 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:156 Resp: 38668
Ion Ratio Lower Upper
156 100
77 189.9 108.5 325.5
158 93.5 47.7 143.1

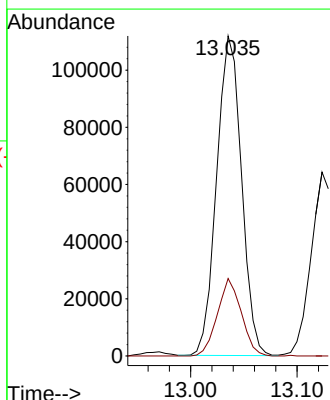
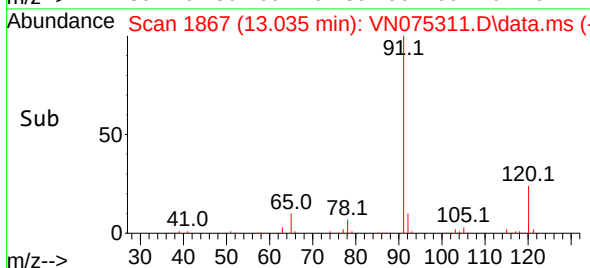
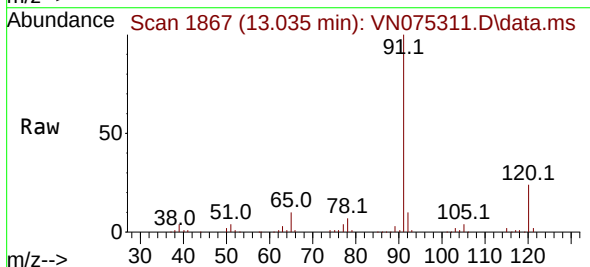
Manual Integrations
APPROVED

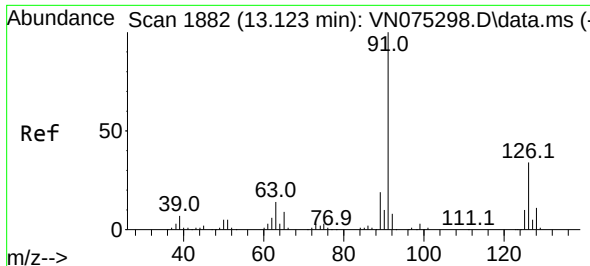
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#78
n-propylbenzene
Concen: 21.194 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion: 91 Resp: 181052
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





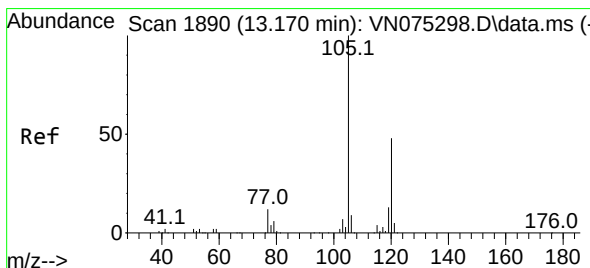
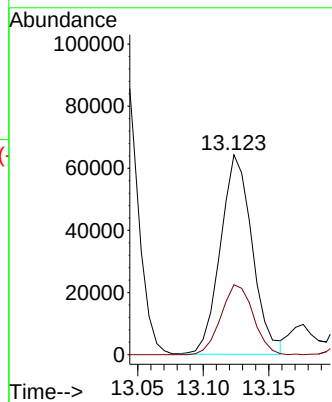
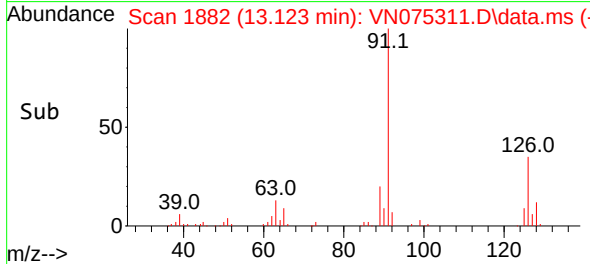
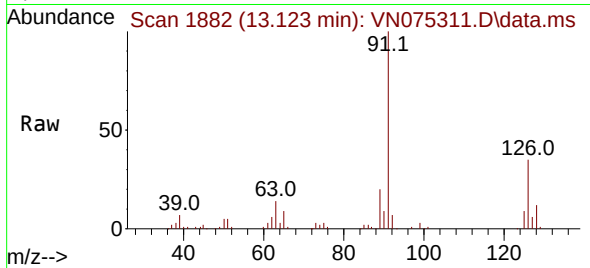
#79
2-Chlorotoluene
Concen: 20.798 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 91 Resp: 10856
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

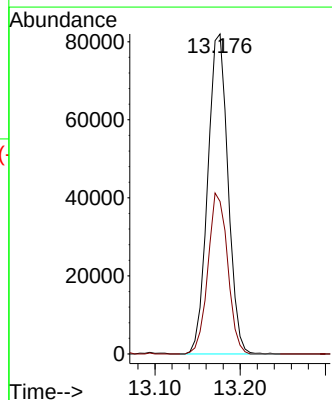
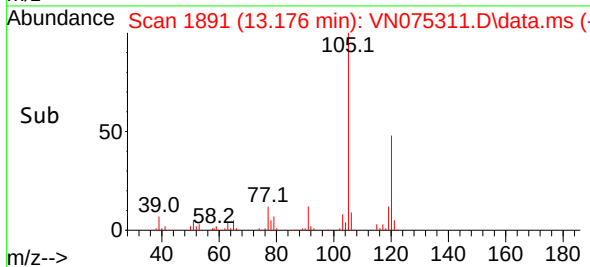
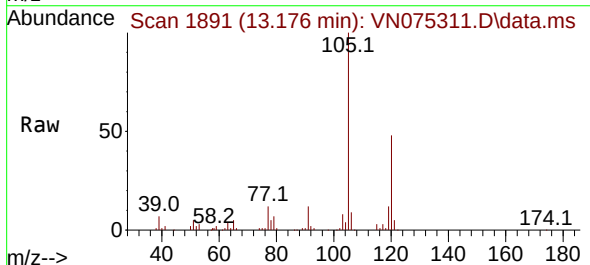
Manual Integrations
APPROVED

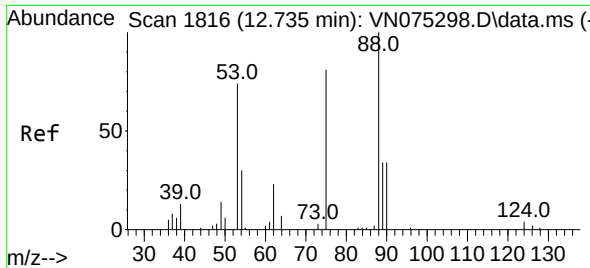
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.184 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

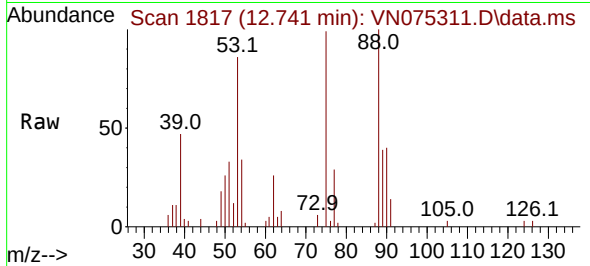
Tgt Ion:105 Resp: 135380
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.848 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

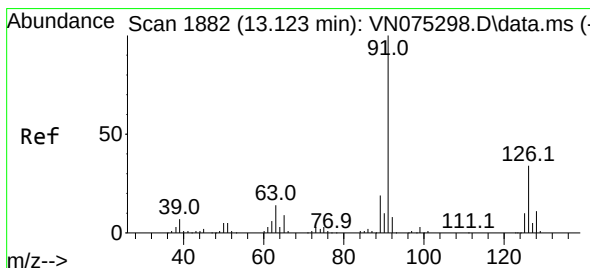
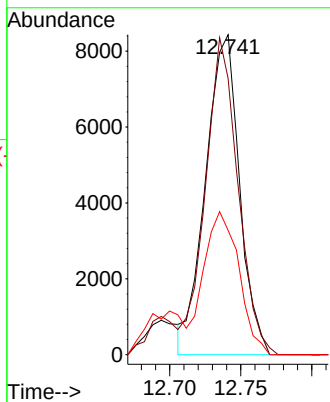
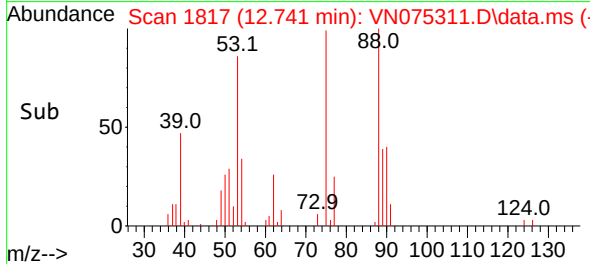
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



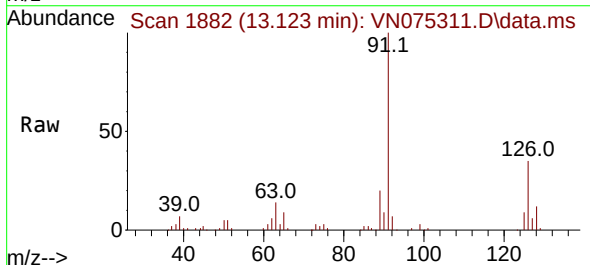
Tgt Ion: 75 Resp: 1399
Ion Ratio Lower Upper
75 100
53 95.4 78.5 117.7
89 46.5 37.7 56.5

Manual Integrations
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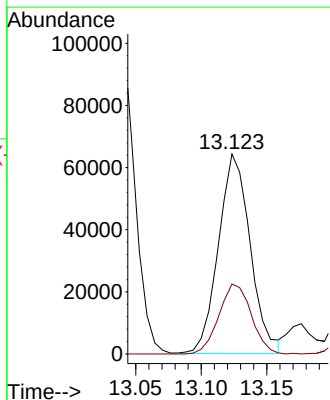
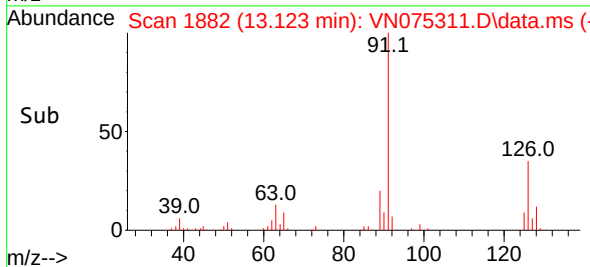
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

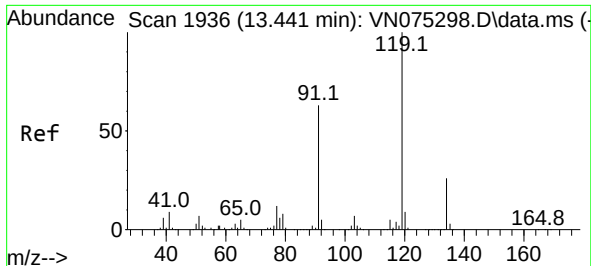


#82
4-Chlorotoluene
Concen: 20.798 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



Tgt Ion: 91 Resp: 108567
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7





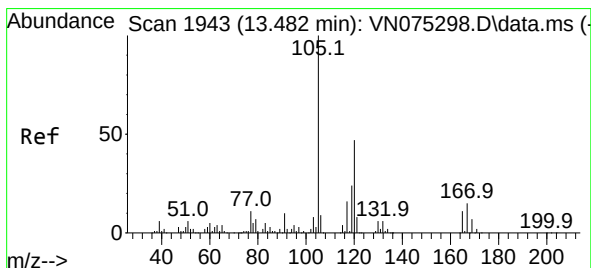
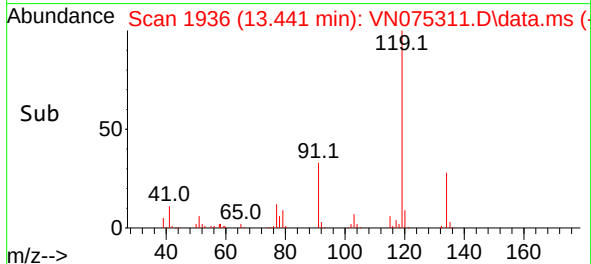
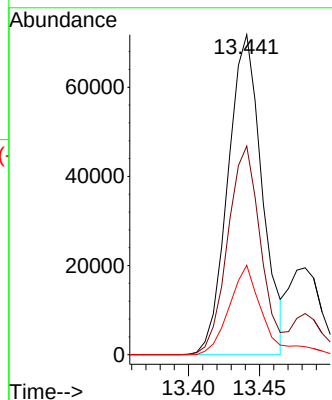
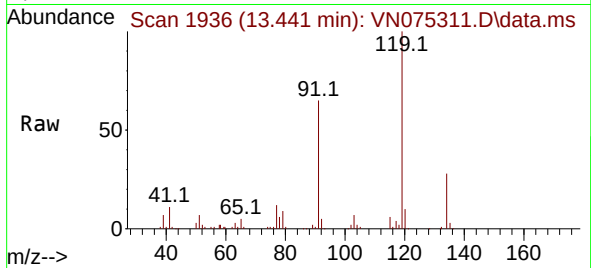
#83
tert-Butylbenzene
Concen: 21.130 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:119 Resp: 11998
Ion Ratio Lower Upper
119 100
91 62.7 32.8 98.4
134 27.7 12.3 36.9

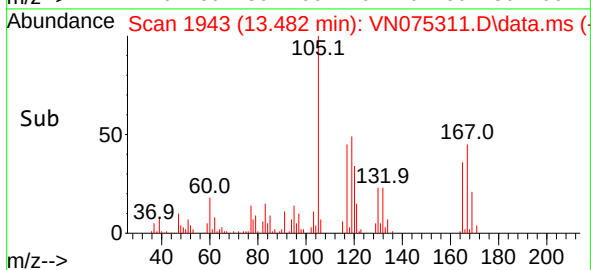
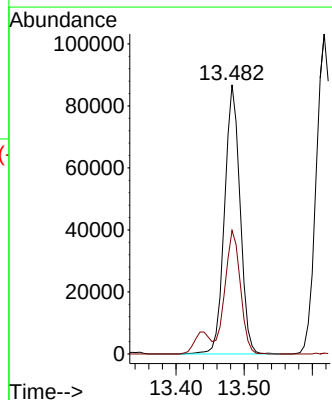
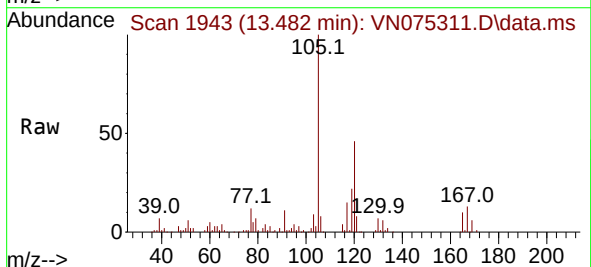
Manual Integrations
APPROVED

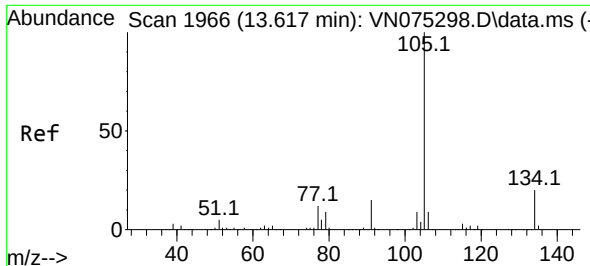
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.236 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

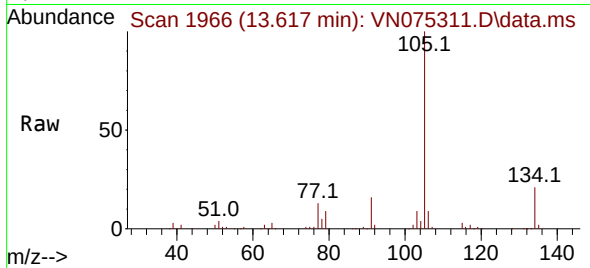
Tgt Ion:105 Resp: 137310
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.736 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32

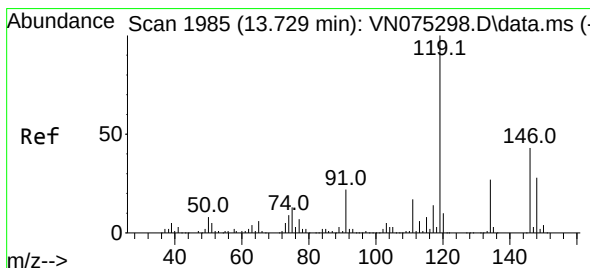
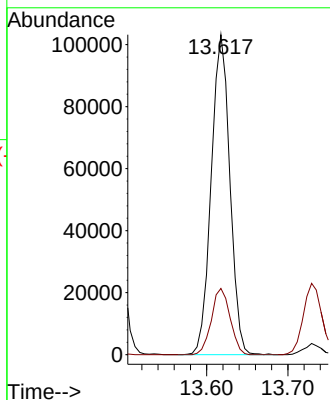
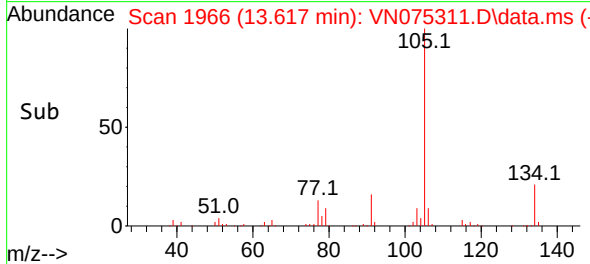
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01



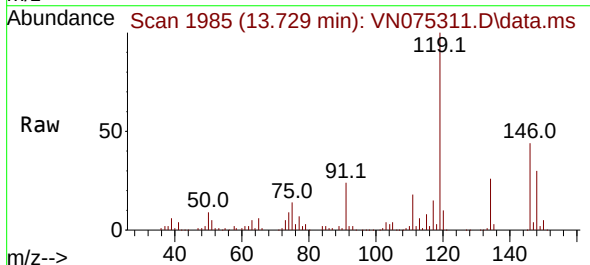
Tgt Ion:105 Resp: 16472
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

Manual Integrations
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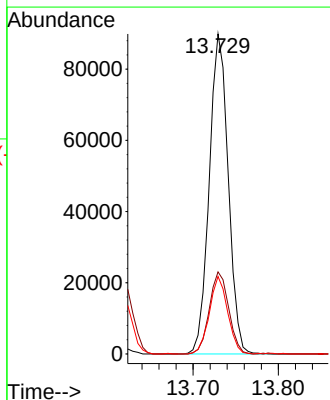
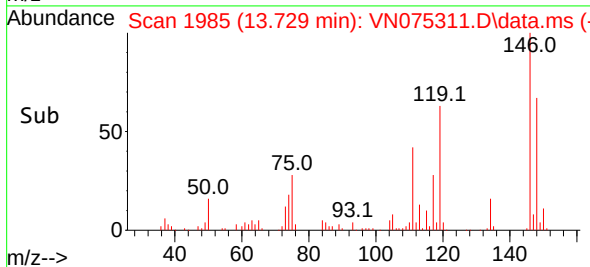
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

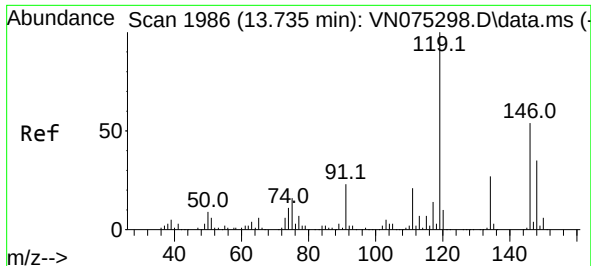


#86
 p-Isopropyltoluene
 Concen: 21.195 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32



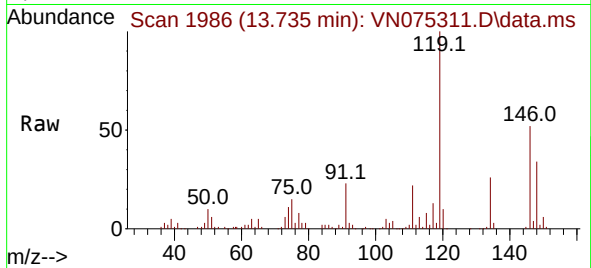
Tgt Ion:119 Resp: 139052
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.3 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 21.786 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32

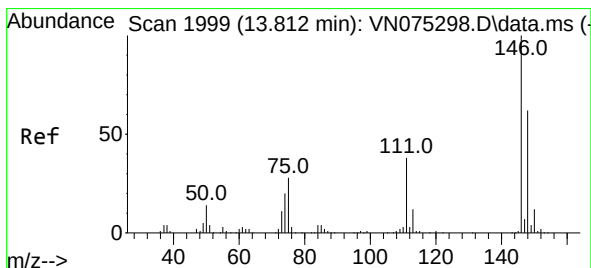
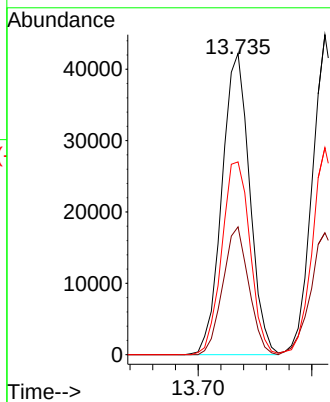
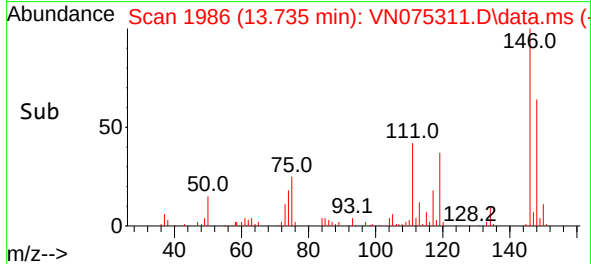
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01



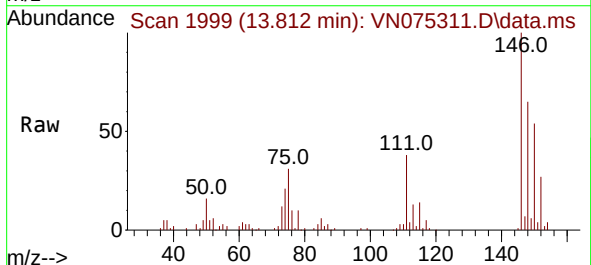
Tgt Ion:146 Resp: 7146
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.8 62.5
 148 65.3 31.1 93.5

Manual Integrations
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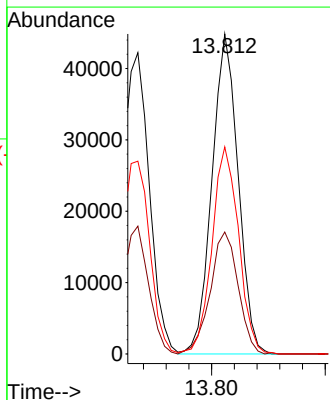
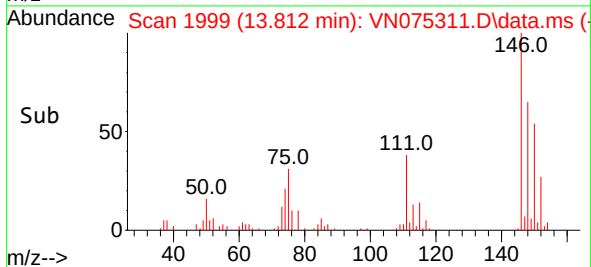
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

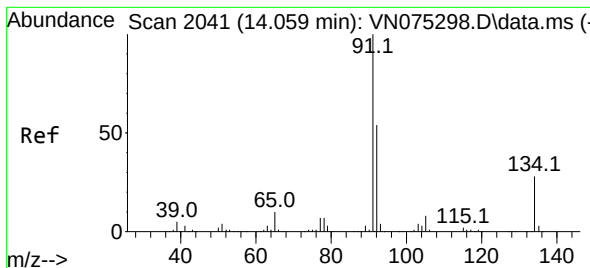


#88
 1,4-Dichlorobenzene
 Concen: 22.124 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075311.D
 Acq: 18 Nov 2022 14:32



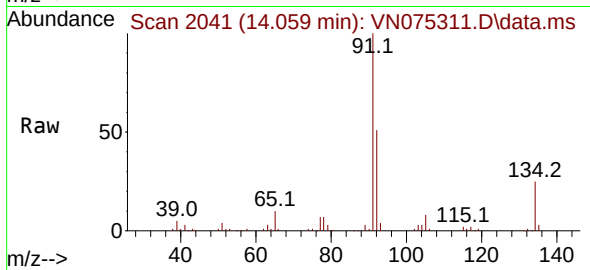
Tgt Ion:146 Resp: 71821
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.3
 148 65.8 31.9 95.7





#89
n-Butylbenzene
Concen: 22.110 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

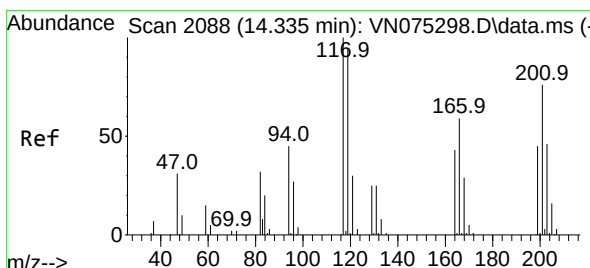
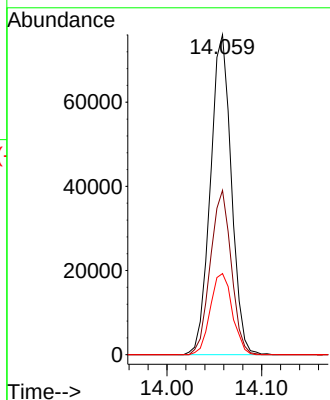
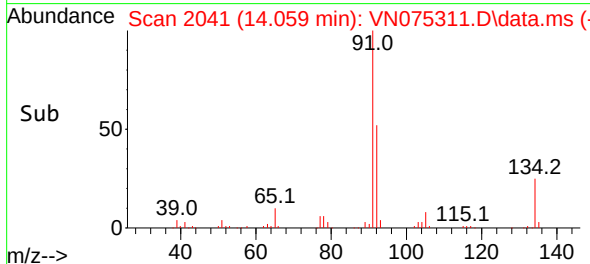
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion: 91 Resp: 11680
Ion Ratio Lower Upper
91 100
92 51.3 26.5 79.4
134 26.6 13.0 39.0

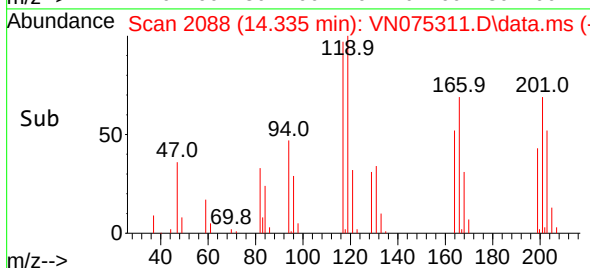
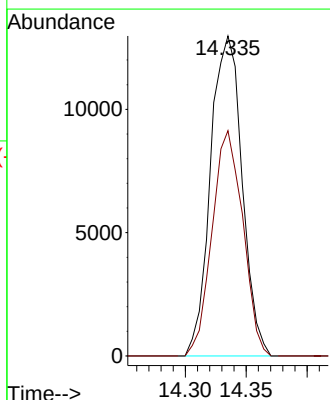
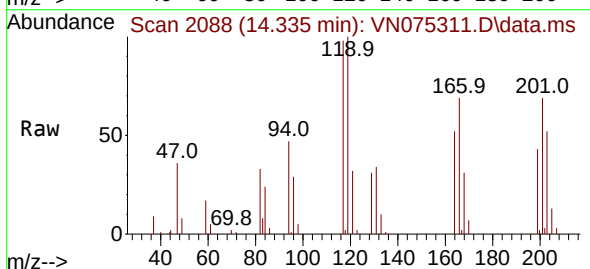
Manual Integrations
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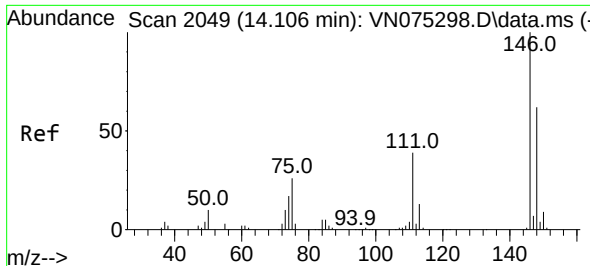
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#90
Hexachloroethane
Concen: 19.454 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

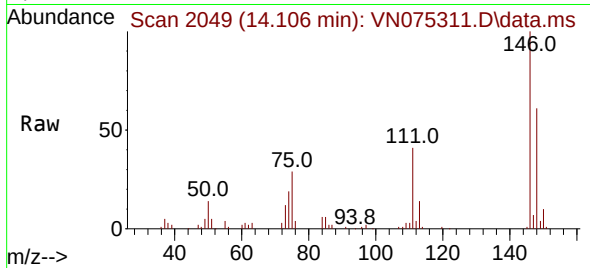
Tgt Ion:117 Resp: 23400
Ion Ratio Lower Upper
117 100
201 68.6 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 22.559 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

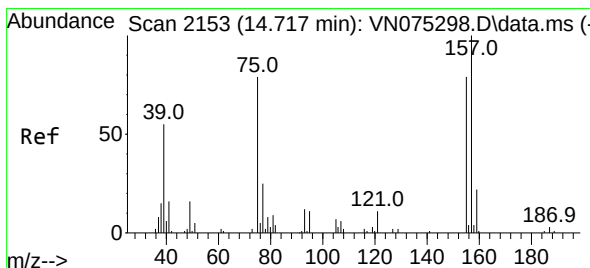
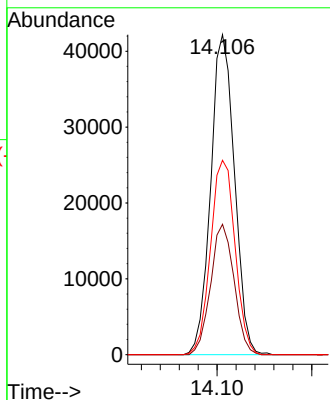
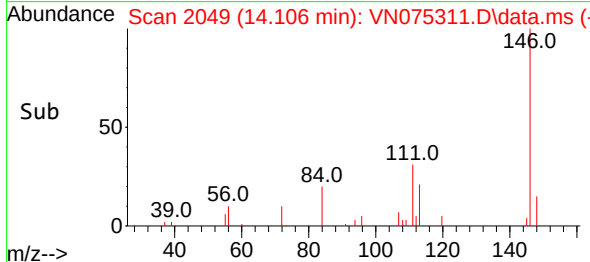
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



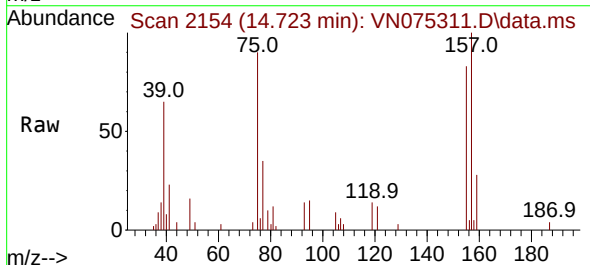
Tgt Ion:146 Resp: 7356
Ion Ratio Lower Upper
146 100
111 40.2 21.3 63.9
148 62.6 31.4 94.2

Manual Integrations
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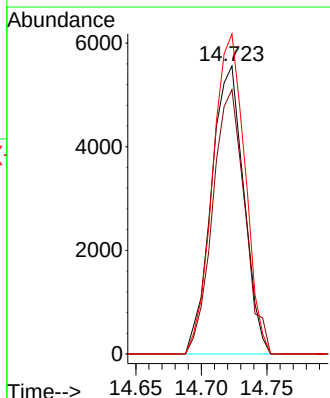
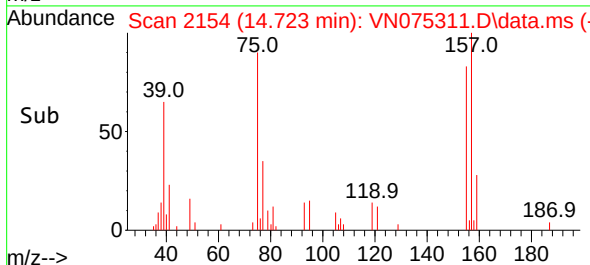
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

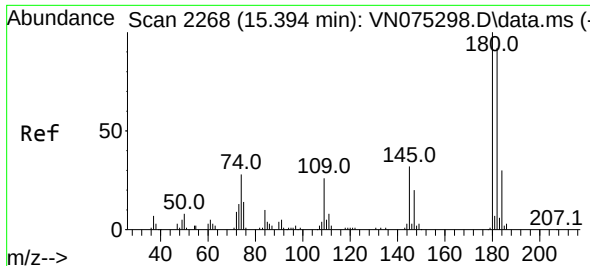


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.625 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



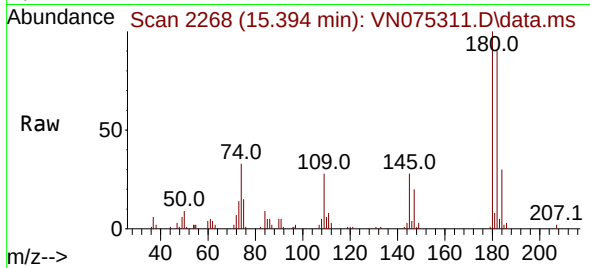
Tgt Ion: 75 Resp: 9559
Ion Ratio Lower Upper
75 100
155 90.5 42.1 126.3
157 110.1 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 25.975 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

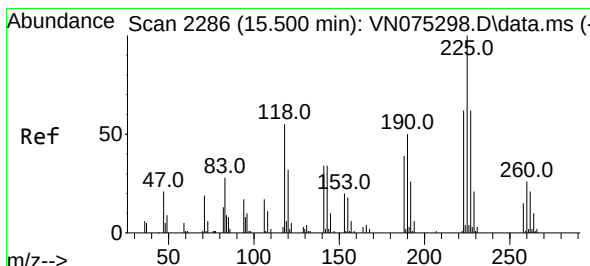
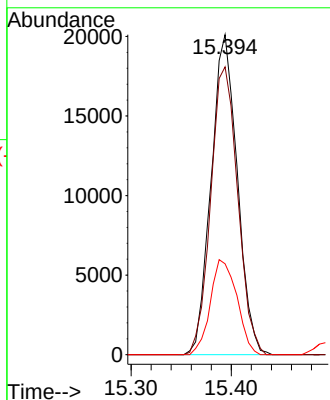
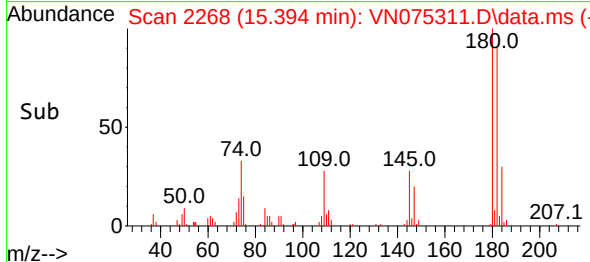
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



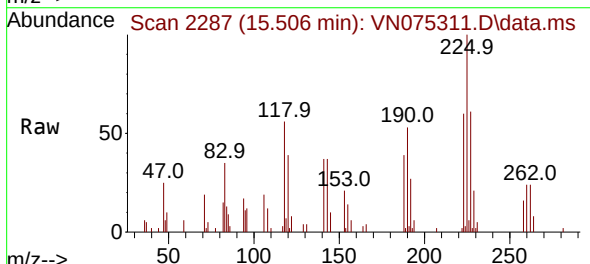
Tgt Ion:180 Resp: 36450
Ion Ratio Lower Upper
180 100
182 92.7 47.8 143.4
145 30.2 16.8 50.3

Manual Integrations
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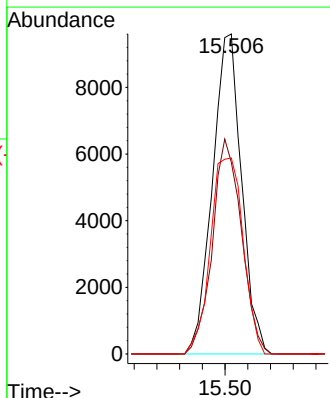
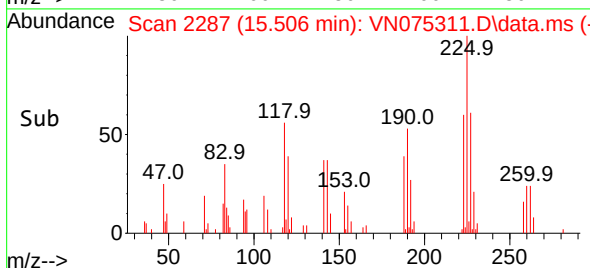
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

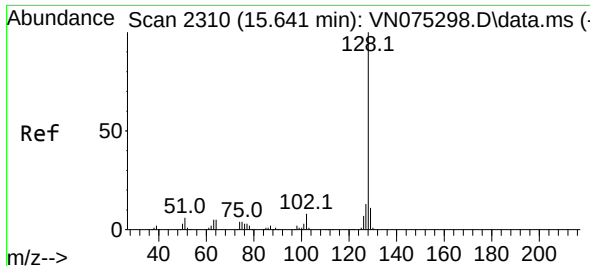


#94
Hexachlorobutadiene
Concen: 24.998 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32



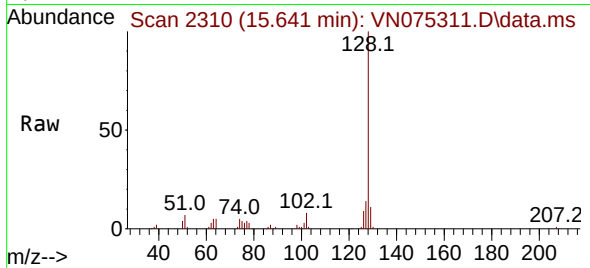
Tgt Ion:225 Resp: 17101
Ion Ratio Lower Upper
225 100
223 66.9 32.3 96.9
227 68.9 32.0 96.2





#95
Naphthalene
Concen: 20.588 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

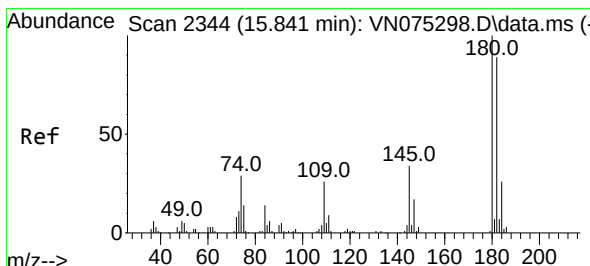
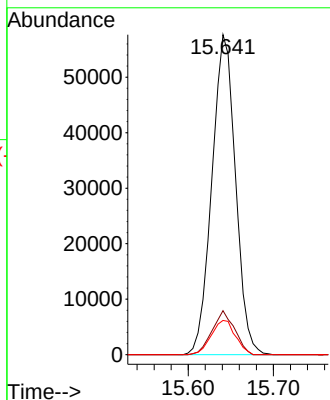
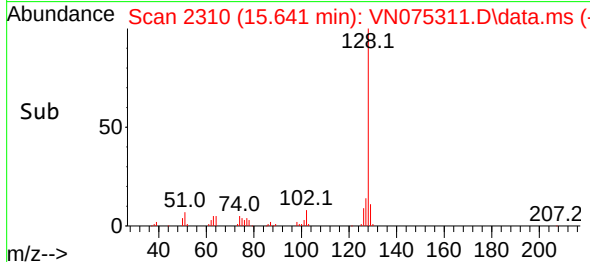
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01



Tgt Ion:128 Resp: 111099
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 24.292 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075311.D
Acq: 18 Nov 2022 14:32

Tgt Ion:180 Resp: 33870
Ion Ratio Lower Upper
180 100
182 92.1 47.3 141.8
145 35.1 17.6 52.9

