

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075316.D
 Acq On : 18 Nov 2022 16:41
 Operator : JC\MD
 Sample : VN1118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 05:08:26 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	8.229	168	104229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	187602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	170870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69375	49.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.800%		
35) Dibromofluoromethane	8.171	113	60160	54.625	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.260%		
50) Toluene-d8	10.565	98	196052	45.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.760%		
62) 4-Bromofluorobenzene	12.847	95	73699	49.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	20915	15.425	ug/l	97
3) Chloromethane	2.371	50	23522	16.332	ug/l	99
4) Vinyl Chloride	2.524	62	28970	14.100	ug/l	91
5) Bromomethane	2.930	94	28445	16.040	ug/l	94
6) Chloroethane	3.106	64	22516	15.283	ug/l	92
7) Trichlorofluoromethane	3.500	101	38149	18.176	ug/l	99
8) Diethyl Ether	3.971	74	18019	23.538	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	22260	19.205	ug/l	97
10) Methyl Iodide	4.594	142	37777	21.892	ug/l	97
11) Tert butyl alcohol	5.536	59	36183	110.482	ug/l #	82
12) 1,1-Dichloroethene	4.353	96	21421	19.388	ug/l	90
13) Acrolein	4.189	56	35390	132.112	ug/l	96
14) Allyl chloride	5.036	41	27181	16.844	ug/l	90
15) Acrylonitrile	5.730	53	79804	115.353	ug/l	99
16) Acetone	4.436	43	65448	110.063	ug/l	92
17) Carbon Disulfide	4.712	76	45066	16.220	ug/l	99
18) Methyl Acetate	5.036	43	47961	24.692	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	94235	22.948	ug/l	93
20) Methylene Chloride	5.283	84	30180	22.763	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	24591	20.328	ug/l	89
22) Diisopropyl ether	6.677	45	77138	21.662	ug/l	96
23) Vinyl Acetate	6.612	43	279278	93.917	ug/l	99
24) 1,1-Dichloroethane	6.571	63	47195	20.955	ug/l	98
25) 2-Butanone	7.488	43	105636	112.942	ug/l	97
26) 2,2-Dichloropropane	7.494	77	37052	17.883	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	32443	22.457	ug/l	93
28) Bromochloromethane	7.812	49	17950	18.907	ug/l	92
29) Tetrahydrofuran	7.841	42	66349	109.778	ug/l	99
30) Chloroform	7.965	83	52690	21.548	ug/l	96
31) Cyclohexane	8.259	56	36220	17.341	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	43626	19.646	ug/l	97
36) 1,1-Dichloropropene	8.371	75	32962	19.332	ug/l	98
37) Ethyl Acetate	7.565	43	41511	22.200	ug/l	100
38) Carbon Tetrachloride	8.365	117	36398	19.407	ug/l	96
39) Methylcyclohexane	9.600	83	40633	18.052	ug/l	91
40) Benzene	8.612	78	111685	21.393	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	20017	22.344	ug/l	93
42) 1,2-Dichloroethane	8.671	62	42575	22.416	ug/l	98
43) Isopropyl Acetate	8.688	43	62590	21.580	ug/l	97
44) Trichloroethene	9.353	130	28840	22.019	ug/l	95
45) 1,2-Dichloropropane	9.624	63	29406	23.669	ug/l	95
46) Dibromomethane	9.712	93	23284	24.055	ug/l	95
47) Bromodichloromethane	9.888	83	40234	21.465	ug/l	100
48) Methyl methacrylate	9.682	41	29231	21.970	ug/l	97
49) 1,4-Dioxane	9.694	88	17690	507.751	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	208522	111.410	ug/l	99
52) Toluene	10.629	92	72148	20.674	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	40396	20.418	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	46213	22.022	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	32319	23.356	ug/l	97
56) Ethyl methacrylate	10.876	69	45617	21.612	ug/l	98
57) 1,3-Dichloropropane	11.165	76	53555	23.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	67188	82.339	ug/l	97
59) 2-Hexanone	11.194	43	154594	108.829	ug/l	100
60) Dibromochloromethane	11.359	129	33871	23.201	ug/l	98
61) 1,2-Dibromoethane	11.470	107	33493	23.619	ug/l	99
64) Tetrachloroethene	11.106	164	25980	24.800	ug/l	91
65) Chlorobenzene	11.894	112	78844	21.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	29550	21.841	ug/l	99
67) Ethyl Benzene	11.965	91	129862	19.790	ug/l	98
68) m/p-Xylenes	12.070	106	104408	39.654	ug/l	99
69) o-Xylene	12.400	106	53117	20.399	ug/l	96
70) Styrene	12.412	104	85278	20.540	ug/l	99
71) Bromoform	12.576	173	23796	23.491	ug/l #	98
73) Isopropylbenzene	12.694	105	130866	19.619	ug/l	99
74) N-amyl acetate	12.494	43	51819	21.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	48393	23.087	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	42375m	24.020	ug/l	
77) Bromobenzene	12.982	156	33961	23.122	ug/l	91
78) n-propylbenzene	13.035	91	147462	19.690	ug/l	99
79) 2-Chlorotoluene	13.123	91	93748	20.485	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	111809	19.957	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14837	21.589	ug/l #	94
82) 4-Chlorotoluene	13.123	91	93748	20.485	ug/l	100
83) tert-Butylbenzene	13.441	119	99313	19.949	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	114695	20.233	ug/l	98
85) sec-Butylbenzene	13.617	105	133129	19.116	ug/l	99
86) p-Isopropyltoluene	13.729	119	115418	20.067	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62712	21.807	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	61254	21.522	ug/l	99
89) n-Butylbenzene	14.059	91	92172	19.901	ug/l	100
90) Hexachloroethane	14.329	117	18304	17.357	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	64040	22.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9552	21.229	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	28972	23.550	ug/l	99
94) Hexachlorobutadiene	15.506	225	14680	24.477	ug/l	96
95) Naphthalene	15.641	128	106877	22.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30242	24.740	ug/l	98

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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

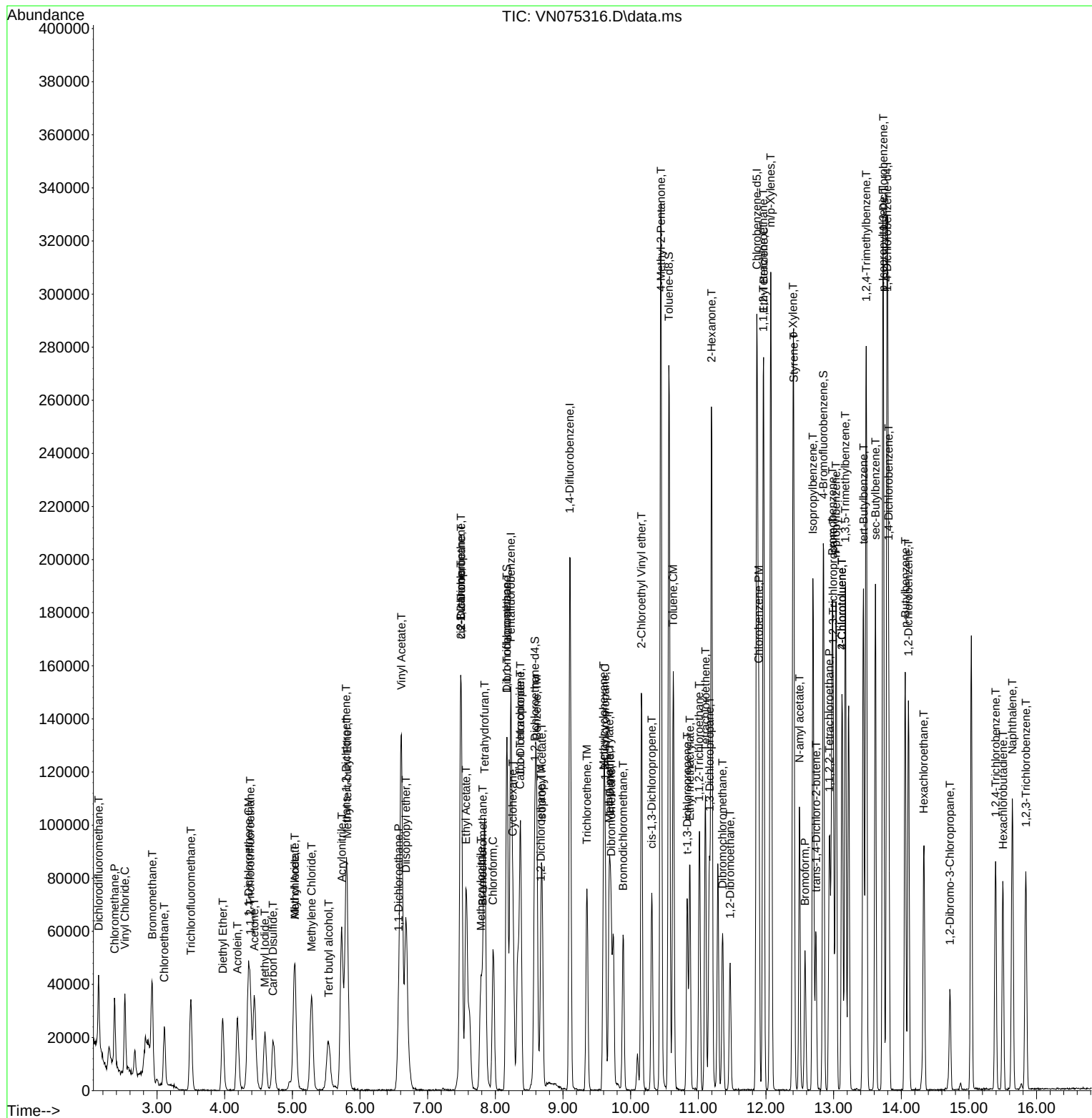
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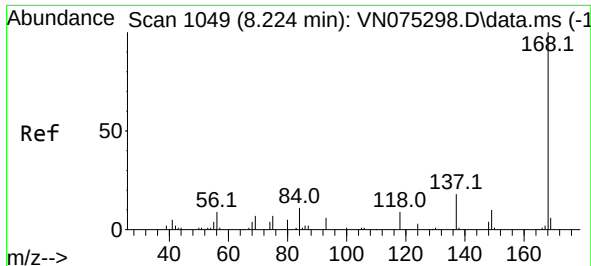
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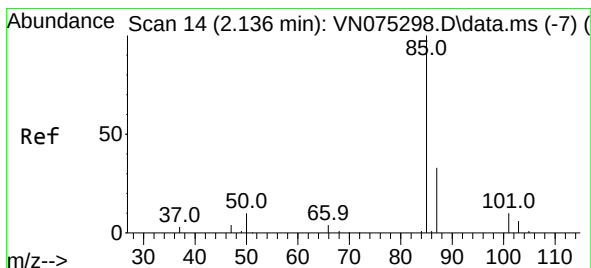
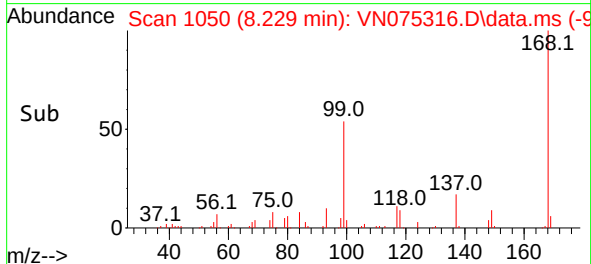
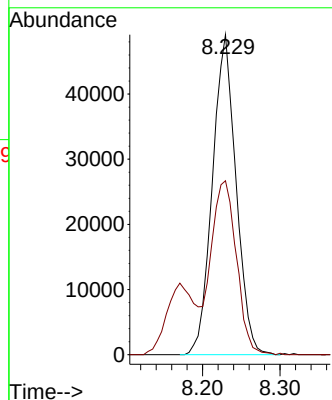
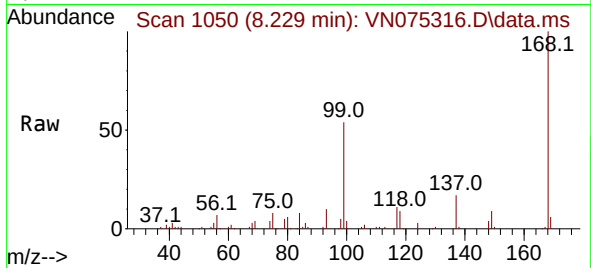
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

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Client Sample Id :
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Tgt Ion:168 Resp: 104229
Ion Ratio Lower Upper
168 100
99 53.9 51.6 77.4

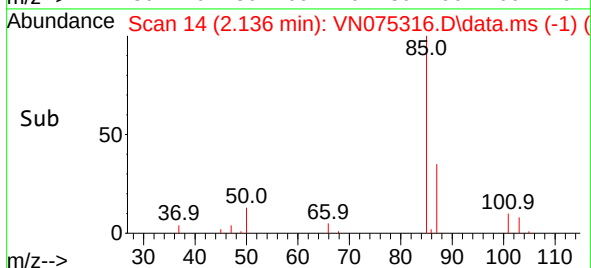
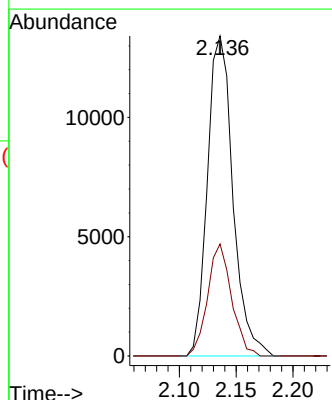
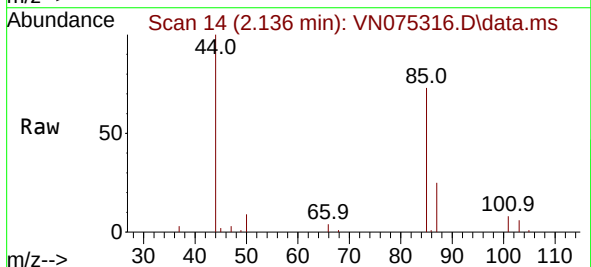
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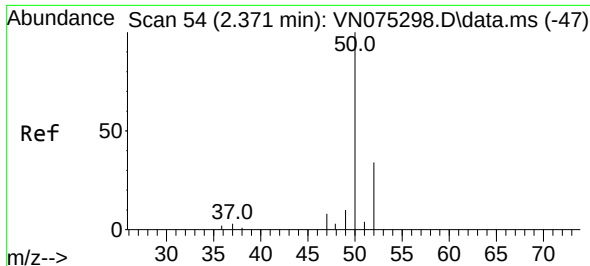
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#2
Dichlorodifluoromethane
Concen: 15.425 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 85 Resp: 20915
Ion Ratio Lower Upper
85 100
87 35.0 16.7 50.0





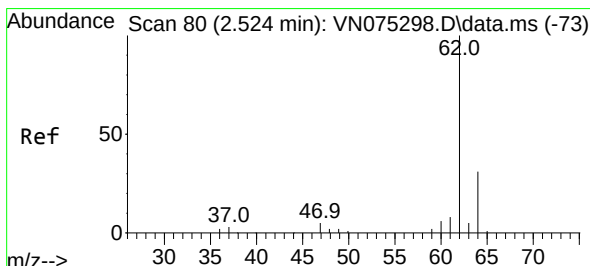
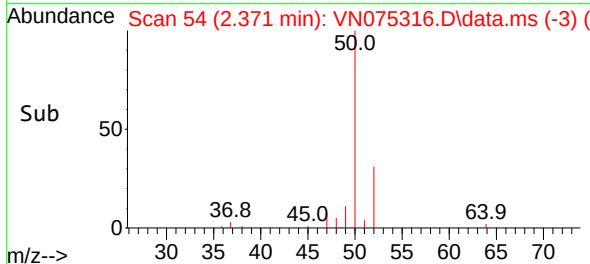
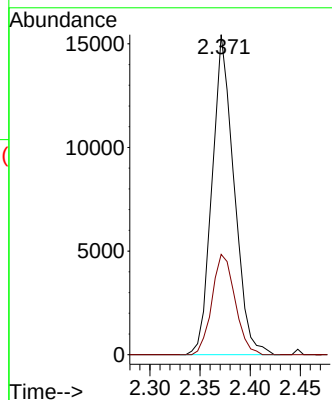
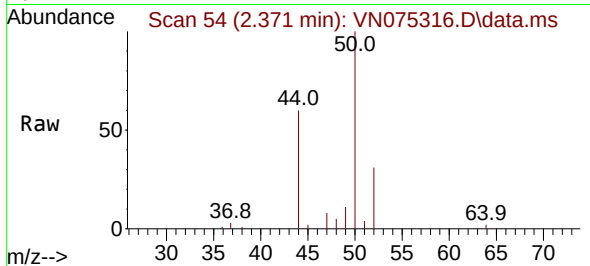
#3
Chloromethane
Concen: 16.332 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 50 Resp: 2352
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.6

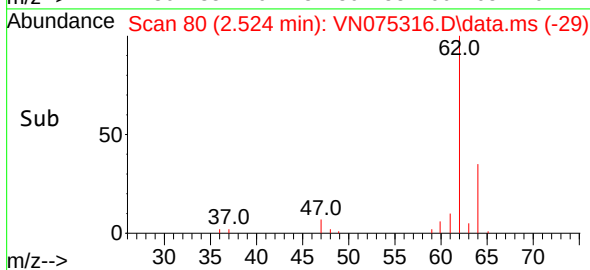
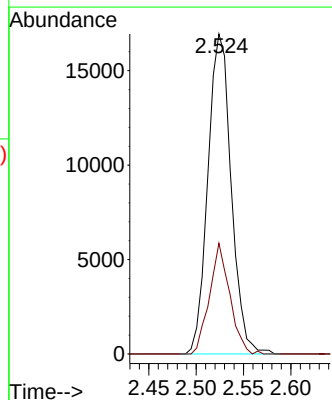
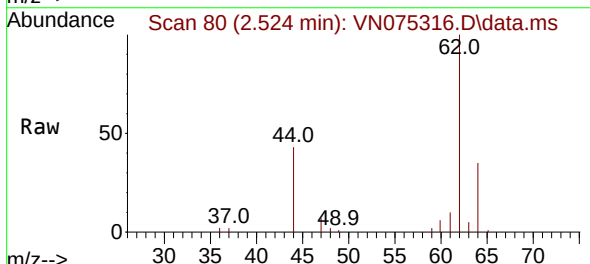
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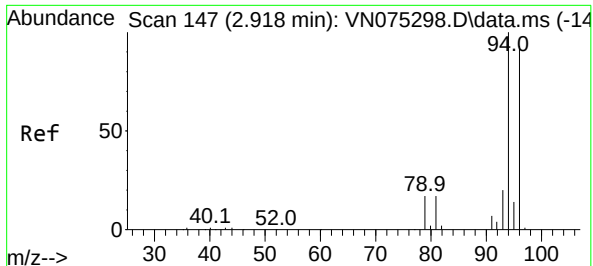
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#4
Vinyl Chloride
Concen: 14.100 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 62 Resp: 28970
Ion Ratio Lower Upper
62 100
64 34.6 24.0 36.0





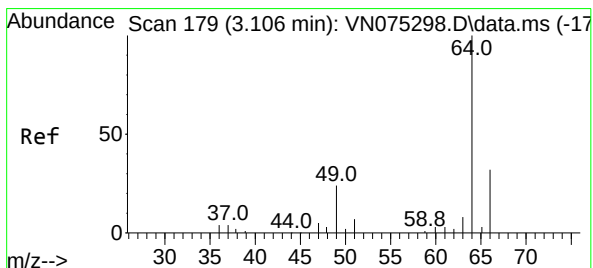
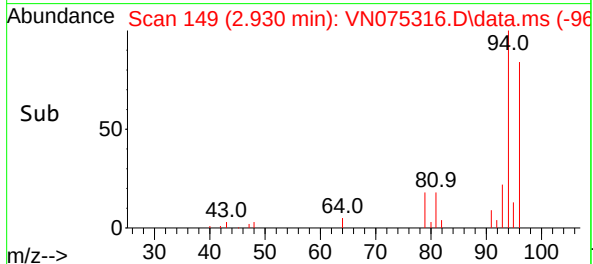
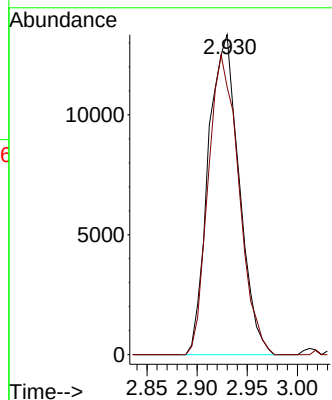
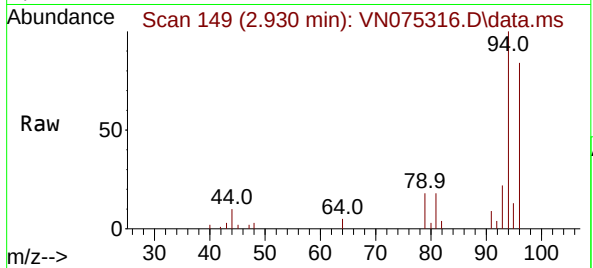
#5
Bromomethane
Concen: 16.040 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
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Tgt Ion: 94 Resp: 2844
Ion Ratio Lower Upper
94 100
96 83.8 71.8 107.6

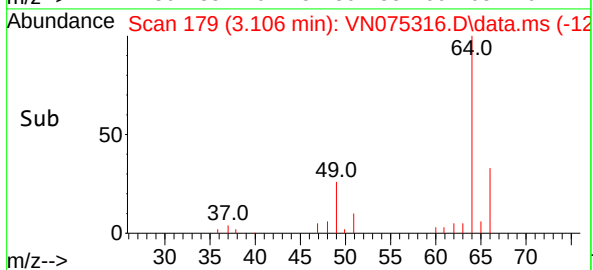
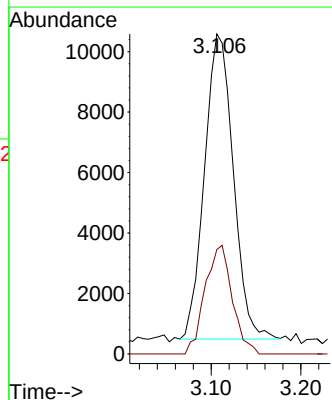
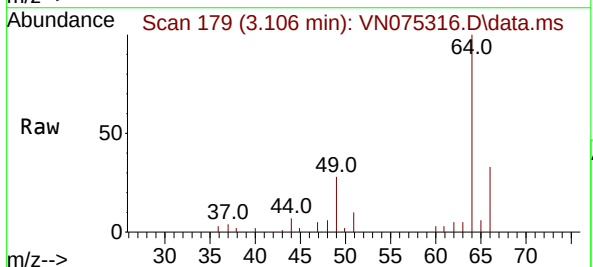
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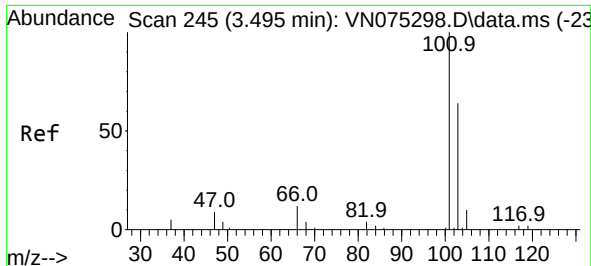
Reviewed By :John Carlone 11/21/2022
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#6
Chloroethane
Concen: 15.283 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 64 Resp: 22516
Ion Ratio Lower Upper
64 100
66 34.3 23.8 35.8





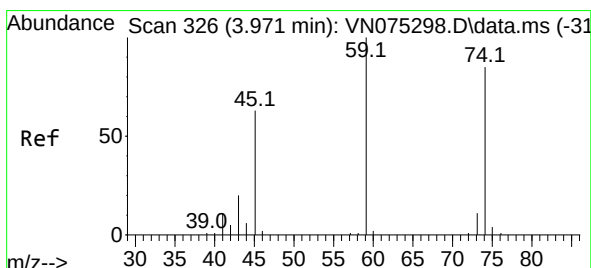
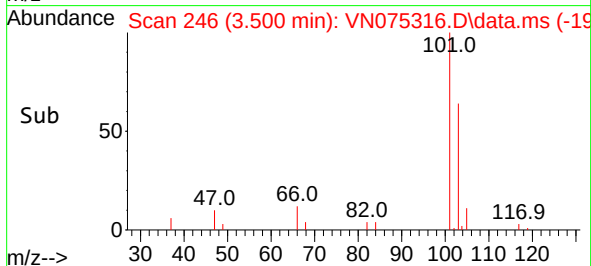
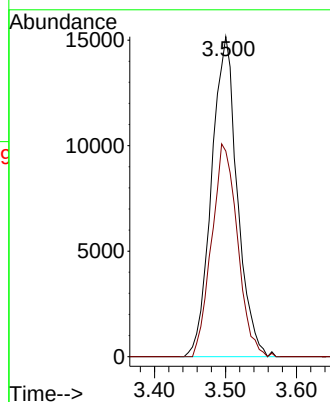
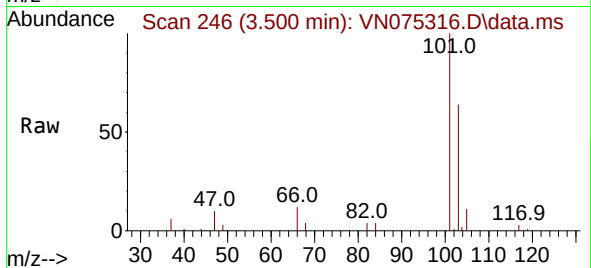
#7
 Trichlorofluoromethane
 Concen: 18.176 ug/l
 RT: 3.500 min Scan# 245
 Delta R.T. 0.011 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 38149
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.5 75.7

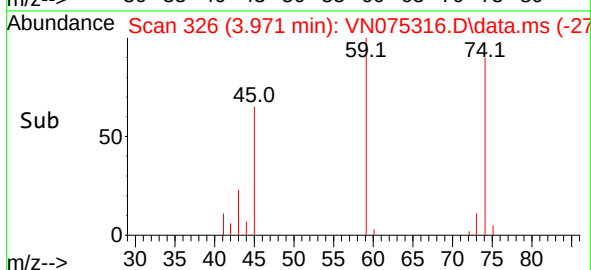
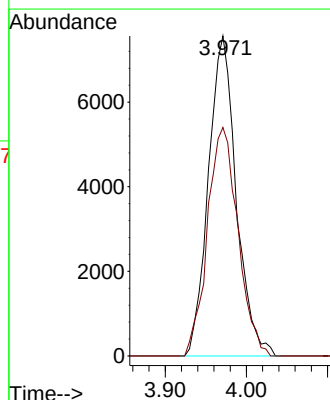
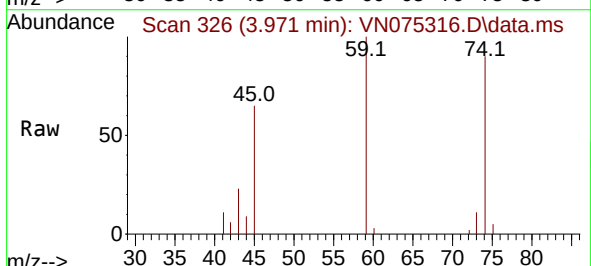
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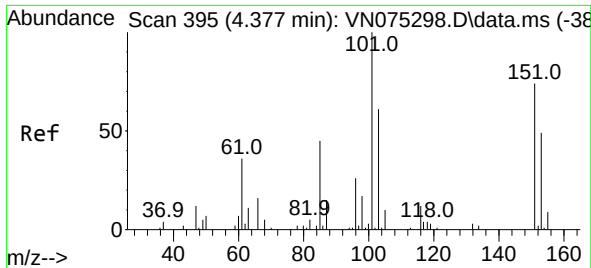
Reviewed By :John Carlone 11/21/2022
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#8
 Diethyl Ether
 Concen: 23.538 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

Tgt Ion: 74 Resp: 18019
 Ion Ratio Lower Upper
 74 100
 45 78.2 39.3 117.9





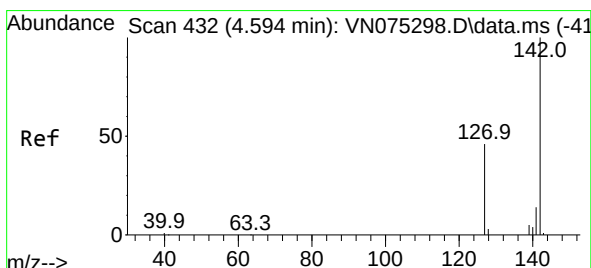
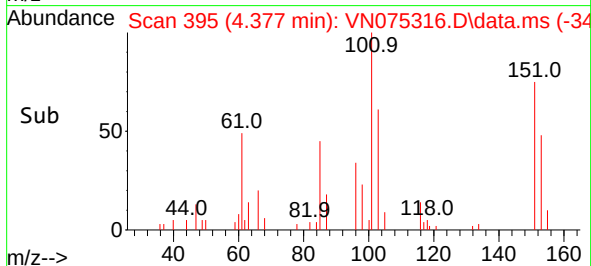
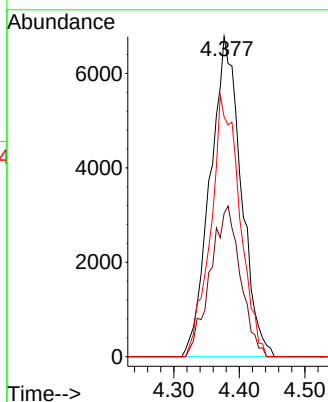
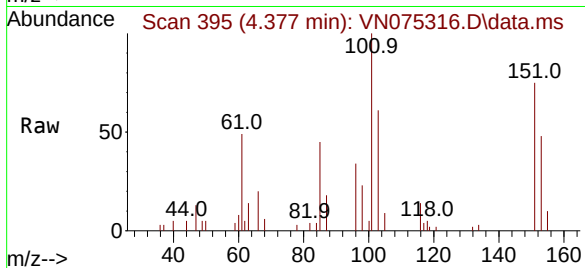
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.205 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:101 Resp: 22260
Ion Ratio Lower Upper
101 100
85 45.9 37.6 56.4
151 76.6 58.3 87.5

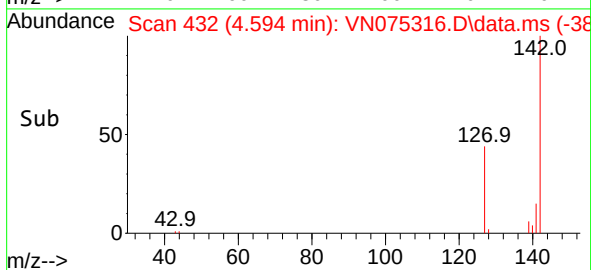
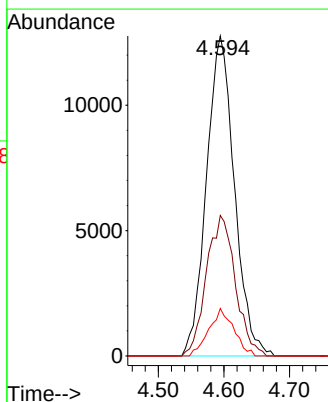
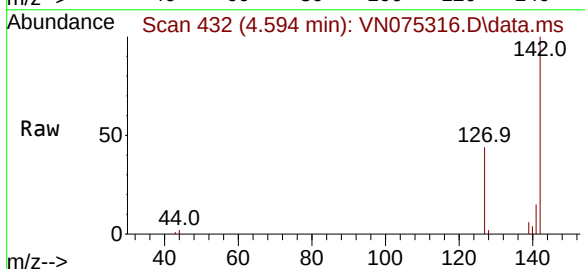
Manual Integrations
APPROVED

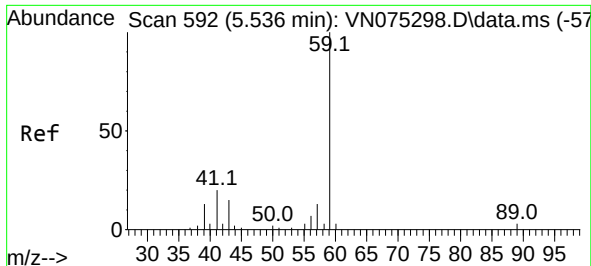
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#10
Methyl Iodide
Concen: 21.892 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion:142 Resp: 37777
Ion Ratio Lower Upper
142 100
127 45.5 38.0 57.0
141 13.2 12.2 18.4





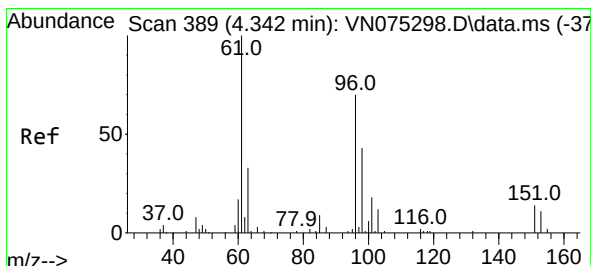
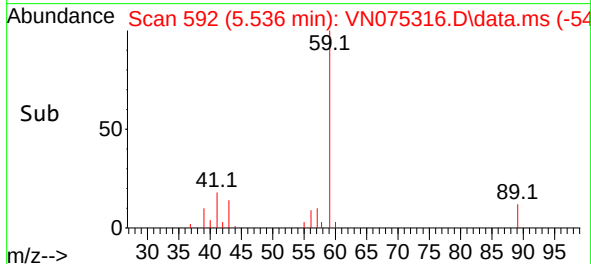
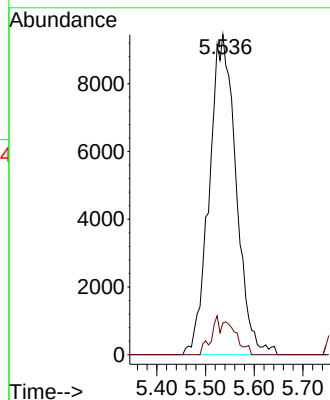
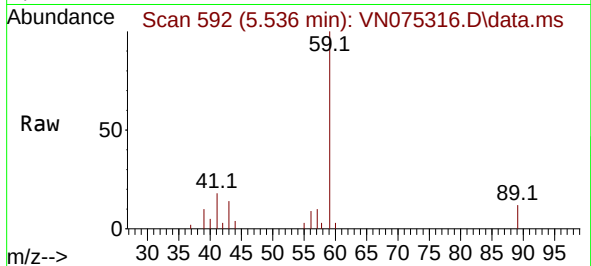
#11
Tert butyl alcohol
Concen: 110.482 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 59 Resp: 3618
Ion Ratio Lower Upper
59 100
57 4.0 8.5 12.7

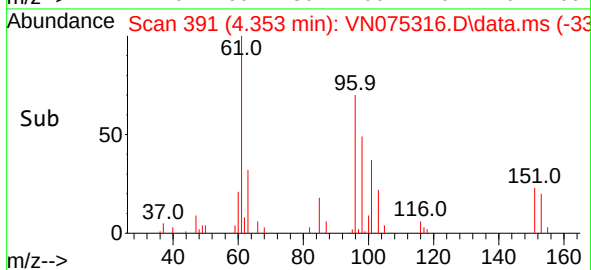
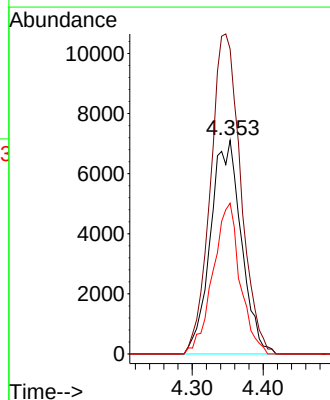
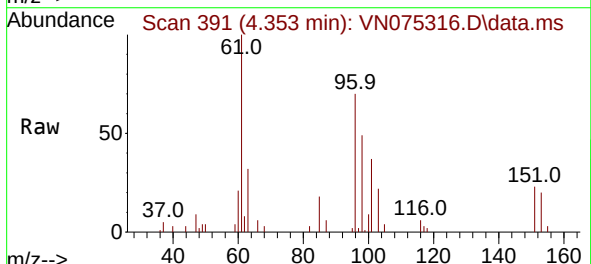
Manual Integrations
APPROVED

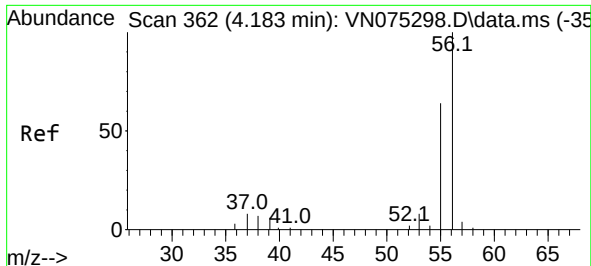
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 19.388 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 96 Resp: 21421
Ion Ratio Lower Upper
96 100
61 142.7 126.2 189.4
98 70.6 51.5 77.3





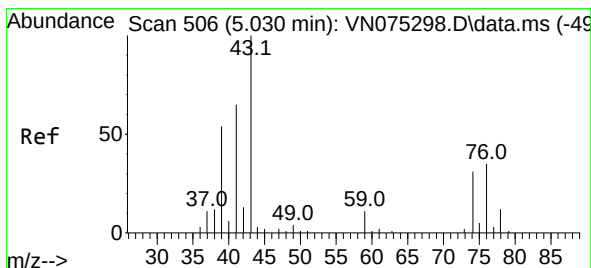
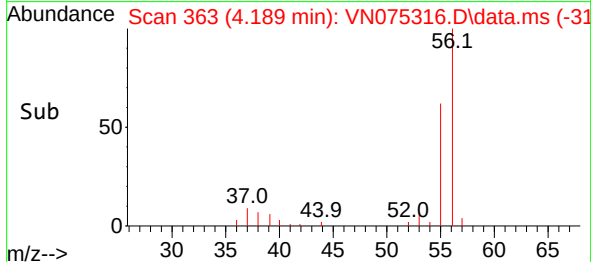
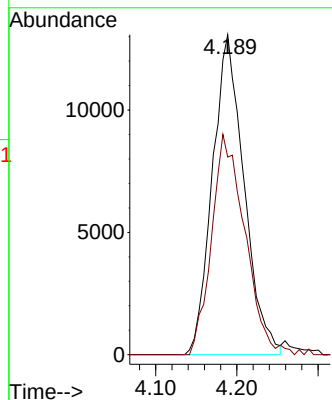
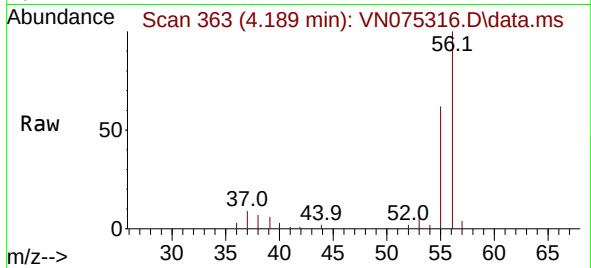
#13
Acrolein
Concen: 132.112 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 56 Resp: 35390
Ion Ratio Lower Upper
56 100
55 72.3 55.2 82.8

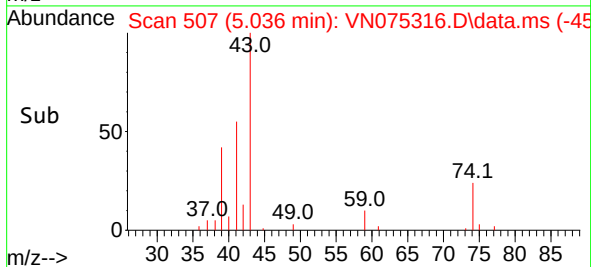
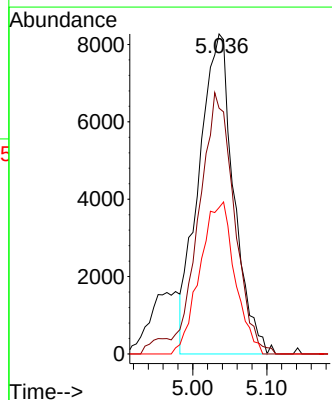
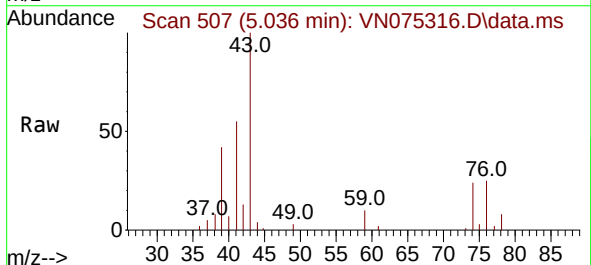
Manual Integrations
APPROVED

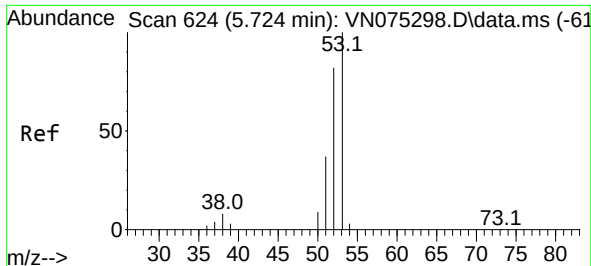
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#14
Allyl chloride
Concen: 16.844 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 41 Resp: 27181
Ion Ratio Lower Upper
41 100
39 84.7 61.0 91.4
76 47.3 33.4 50.0





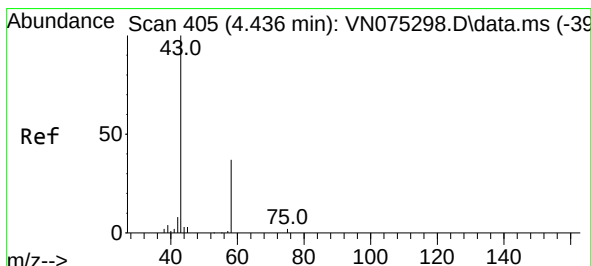
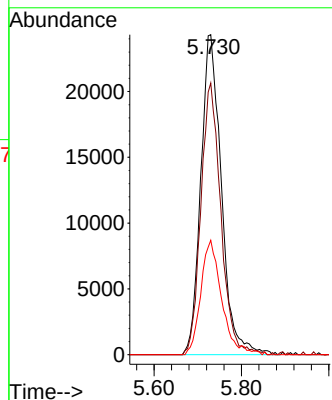
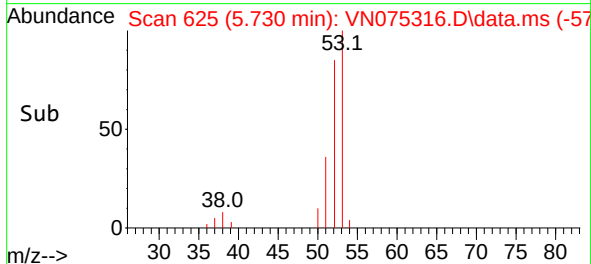
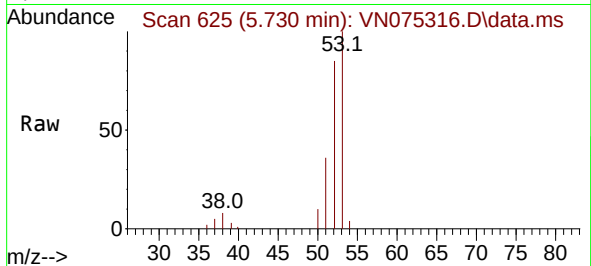
#15
Acrylonitrile
Concen: 115.353 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 53 Resp: 79804
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.3 29.6 44.4

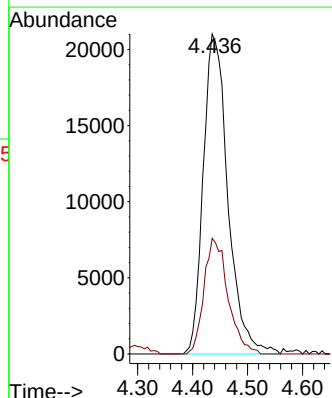
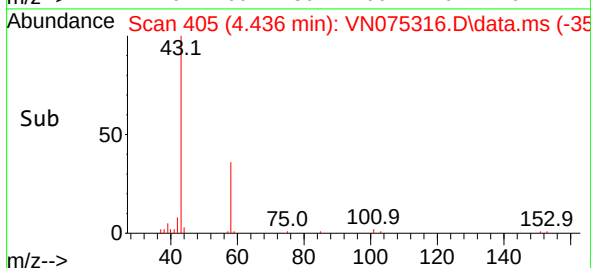
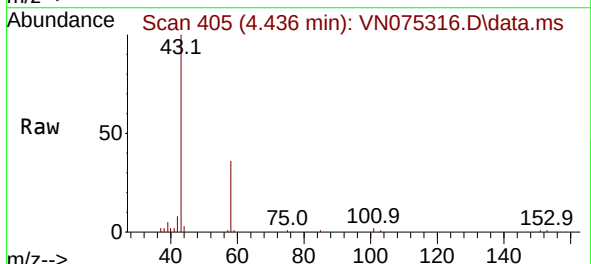
Manual Integrations
APPROVED

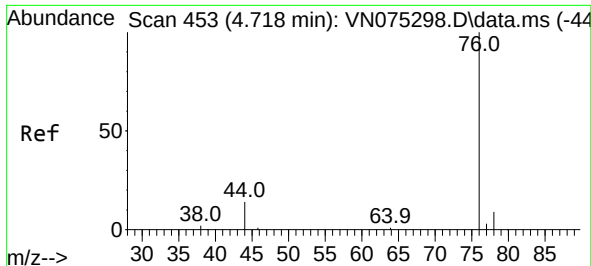
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 110.063 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

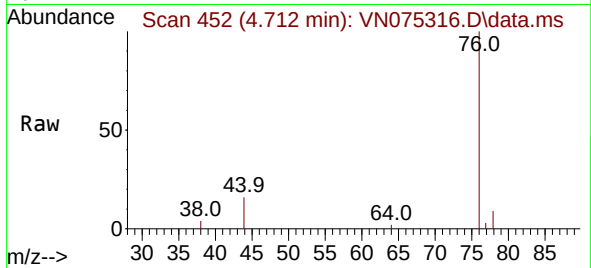
Tgt Ion: 43 Resp: 65448
Ion Ratio Lower Upper
43 100
58 36.1 25.5 38.3





#17
Carbon Disulfide
Concen: 16.220 ug/l
RT: 4.712 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

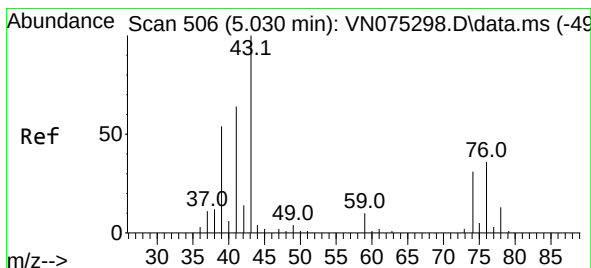
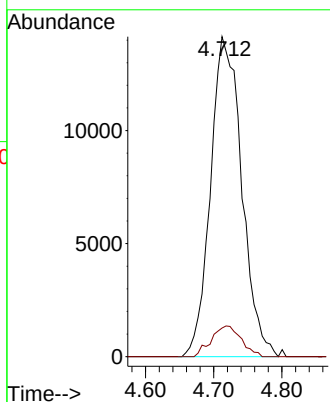
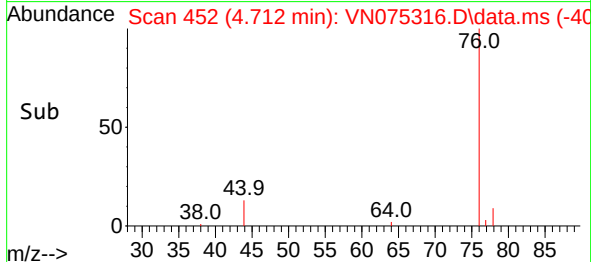
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



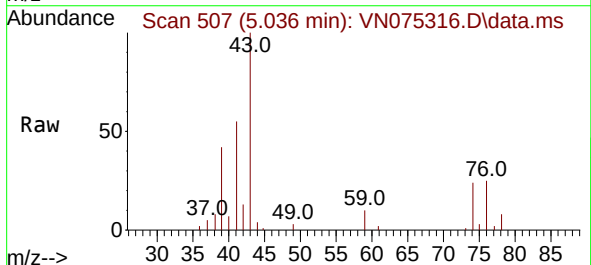
Tgt Ion: 76 Resp: 4506
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

Manual Integrations
APPROVED

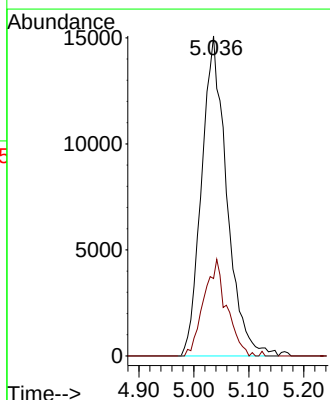
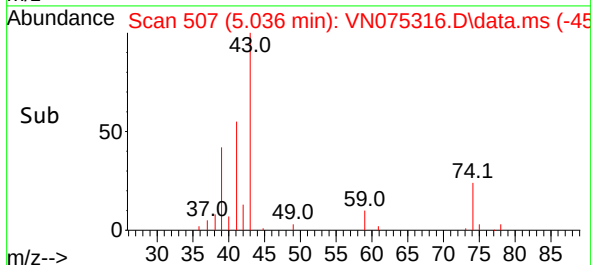
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

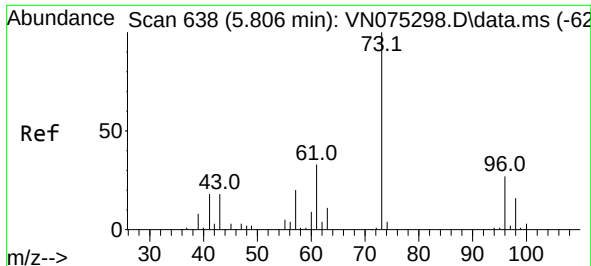


#18
Methyl Acetate
Concen: 24.692 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion: 43 Resp: 47961
Ion Ratio Lower Upper
43 100
74 27.5 22.0 33.0





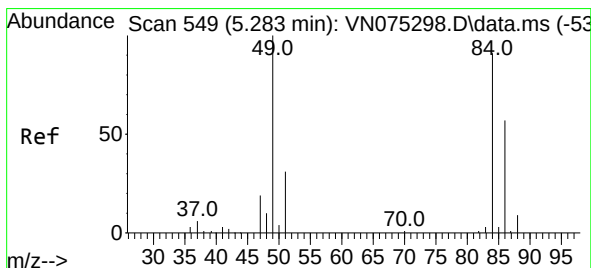
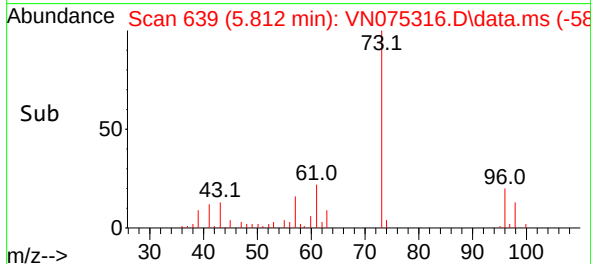
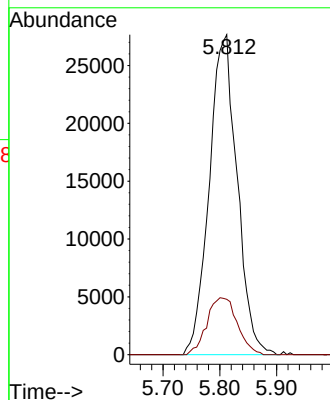
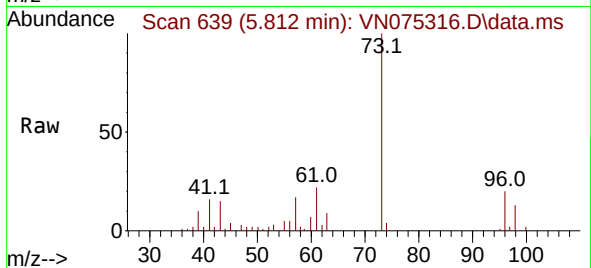
#19
Methyl tert-butyl Ether
Concen: 22.948 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 73 Resp: 9423
Ion Ratio Lower Upper
73 100
57 17.3 16.3 24.5

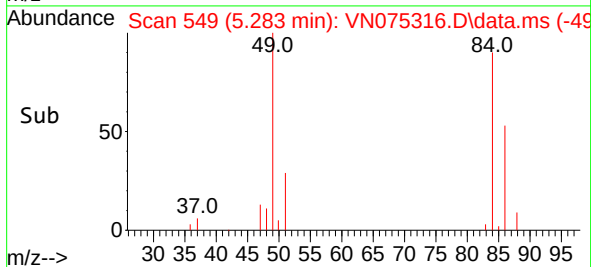
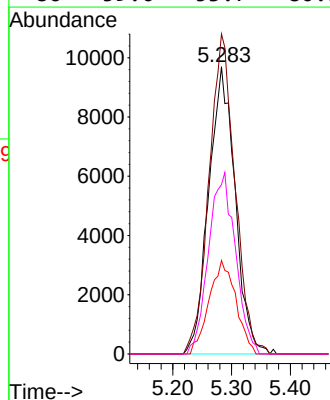
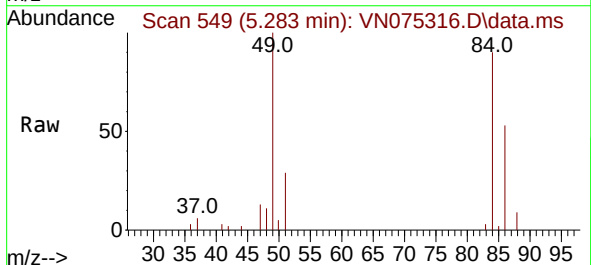
Manual Integrations
APPROVED

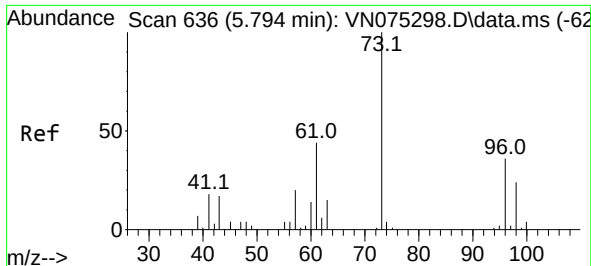
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 22.763 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 84 Resp: 30180
Ion Ratio Lower Upper
84 100
49 111.4 94.9 142.3
51 32.5 26.8 40.2
86 59.0 53.7 80.5





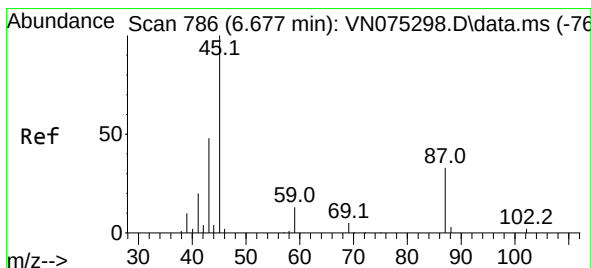
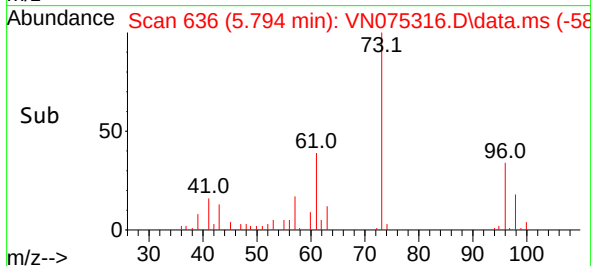
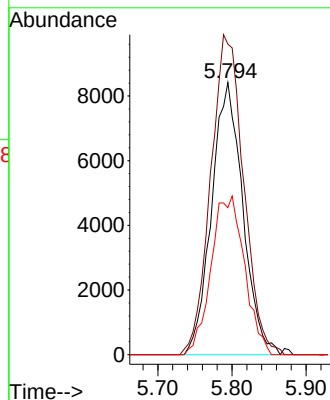
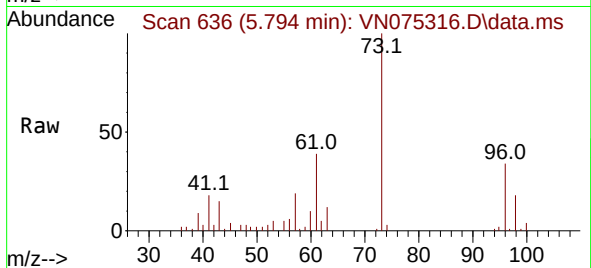
#21
trans-1,2-Dichloroethene
Concen: 20.328 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 96 Resp: 2459
Ion Ratio Lower Upper
96 100
61 114.1 99.9 149.9
98 54.0 51.5 77.3

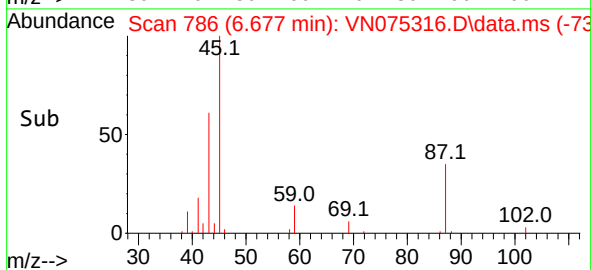
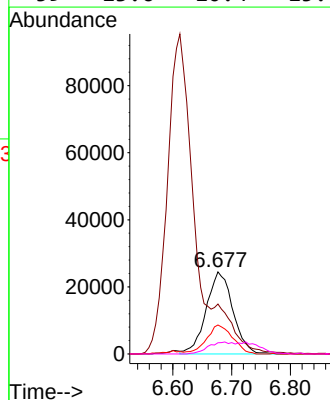
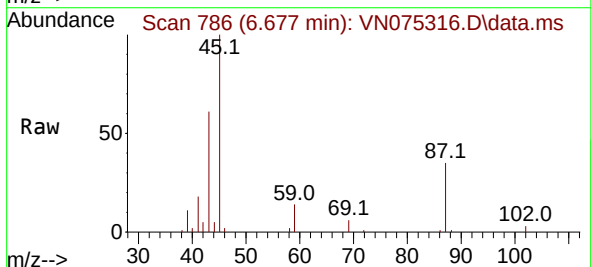
Manual Integrations
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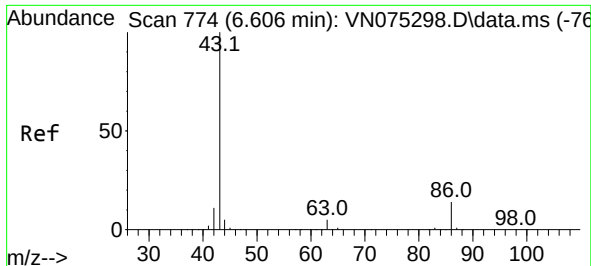
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22
Diisopropyl ether
Concen: 21.662 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 45 Resp: 77138
Ion Ratio Lower Upper
45 100
43 58.7 42.8 64.2
87 35.3 28.4 42.6
59 13.6 10.4 15.6





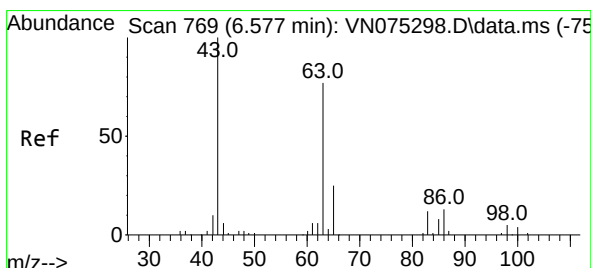
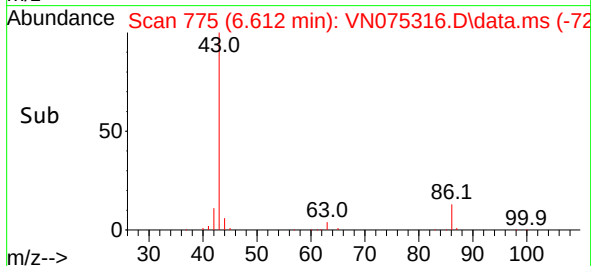
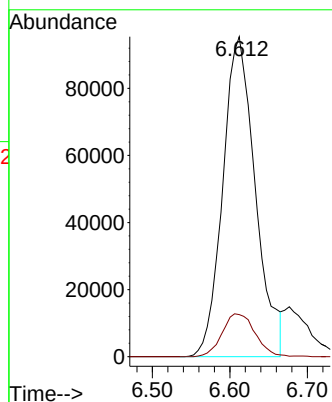
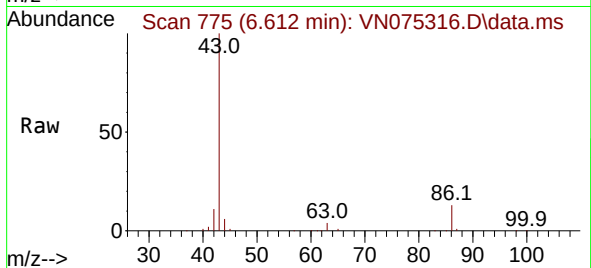
#23
 Vinyl Acetate
 Concen: 93.917 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Tgt Ion: 43 Resp: 279278
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1

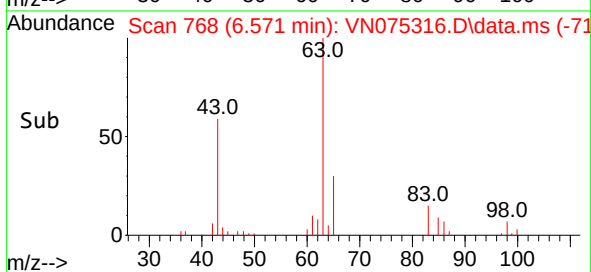
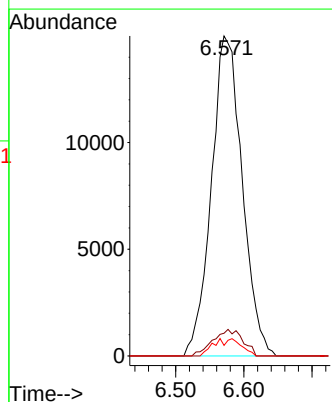
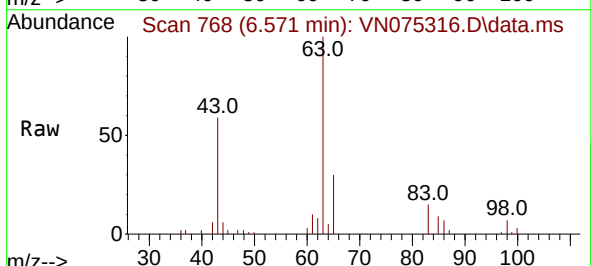
Manual Integrations
 APPROVED

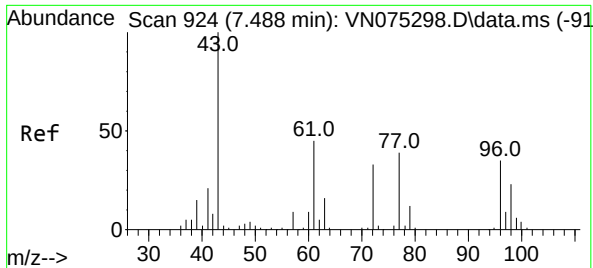
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 20.955 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

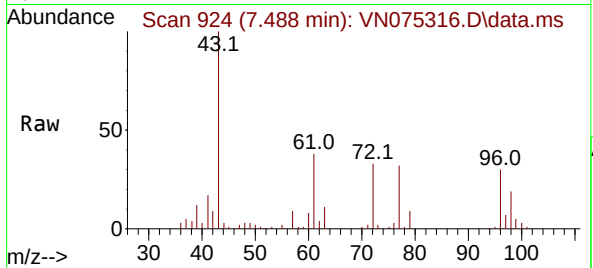
Tgt Ion: 63 Resp: 47195
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 3.3 2.4 7.2





#25
2-Butanone
Concen: 112.942 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

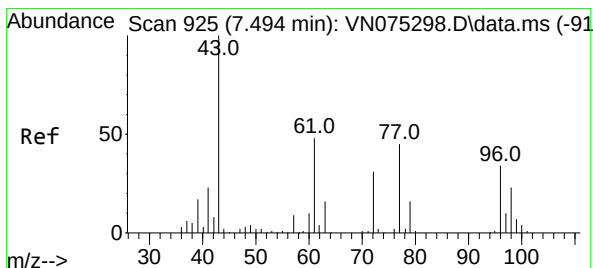
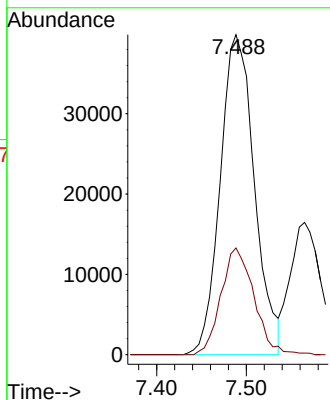
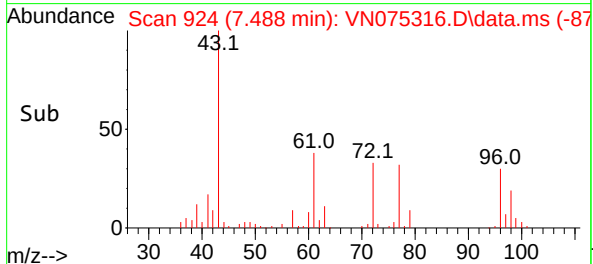
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



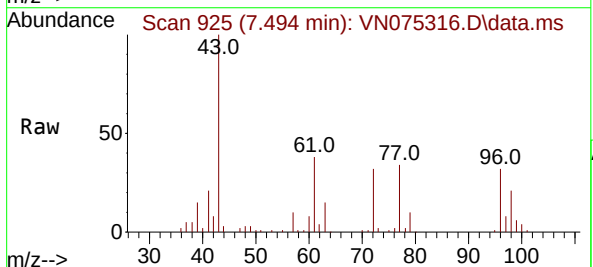
Tgt Ion: 43 Resp: 105630
Ion Ratio Lower Upper
43 100
72 33.3 25.5 38.3

Manual Integrations
APPROVED

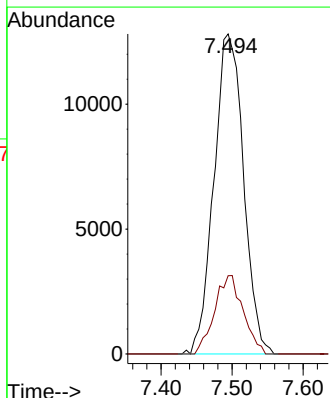
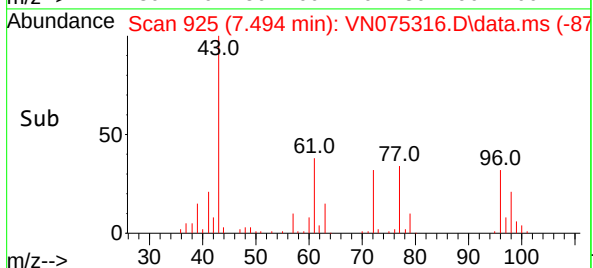
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

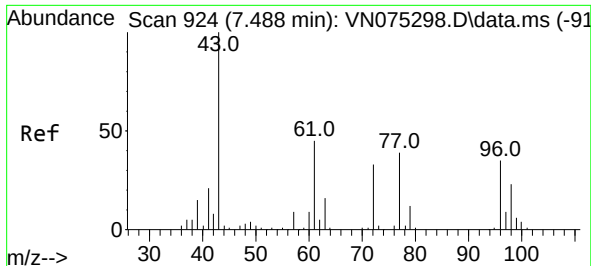


#26
2,2-Dichloropropane
Concen: 17.883 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



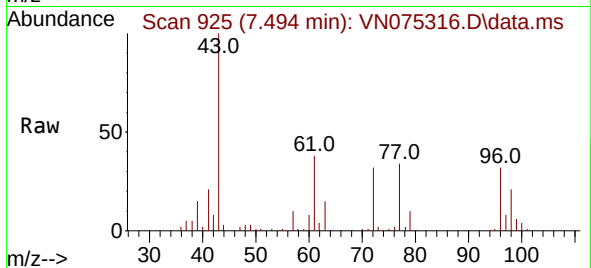
Tgt Ion: 77 Resp: 37052
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 22.457 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.005 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

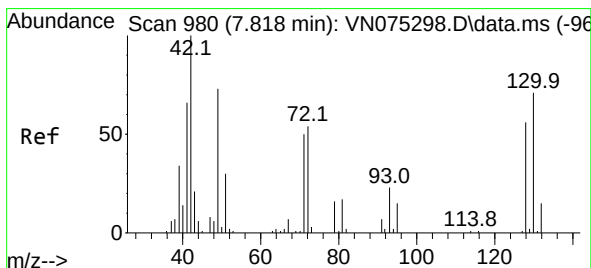
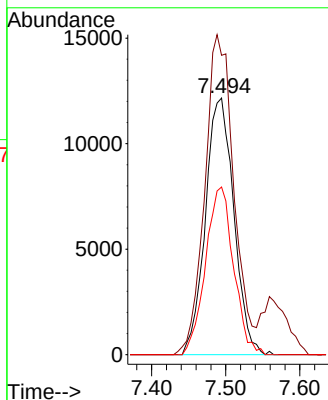
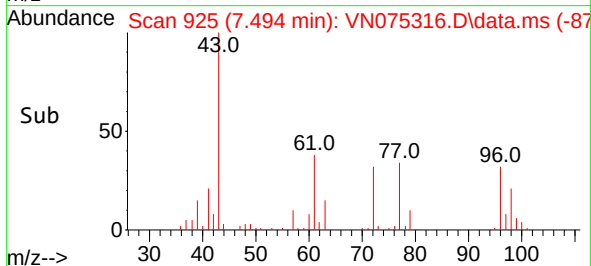
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01



Tgt Ion: 96 Resp: 3244
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 278.8
 98 64.3 0.0 128.4

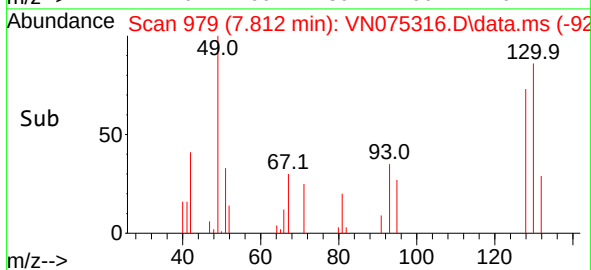
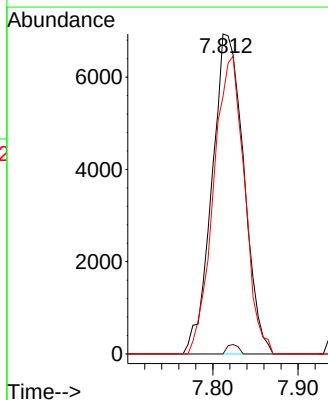
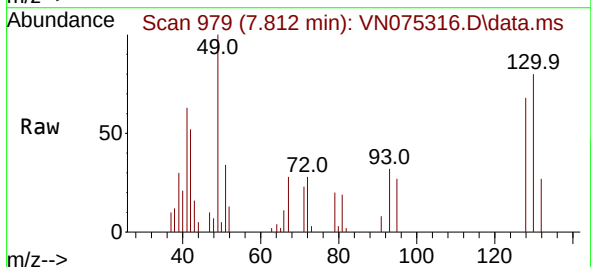
Manual Integrations
 APPROVED

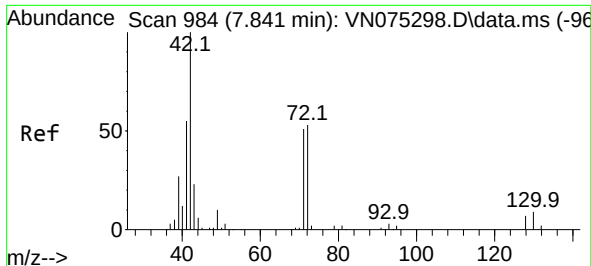
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#28
 Bromochloromethane
 Concen: 18.907 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

Tgt Ion: 49 Resp: 17950
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 90.5 66.2 99.4





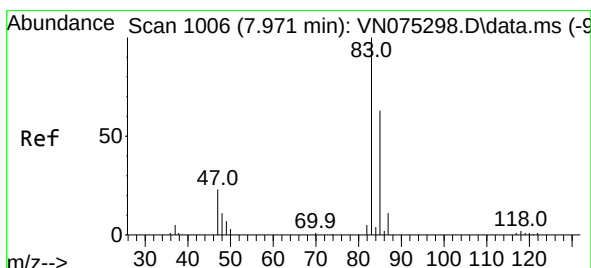
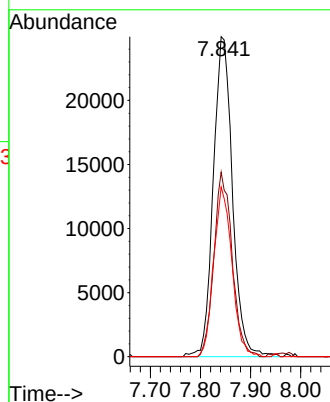
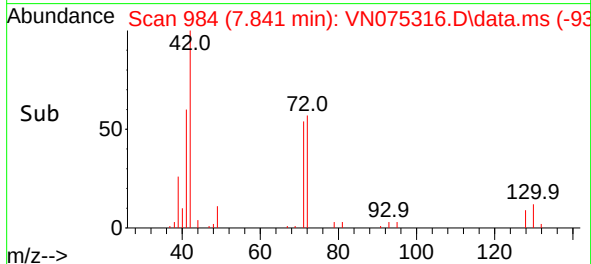
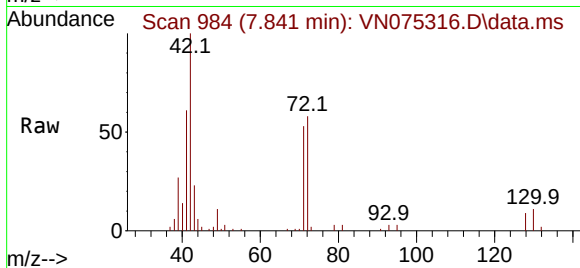
#29
Tetrahydrofuran
Concen: 109.778 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 42 Resp: 66349
Ion Ratio Lower Upper
42 100
72 54.8 43.0 64.6
71 50.4 39.9 59.9

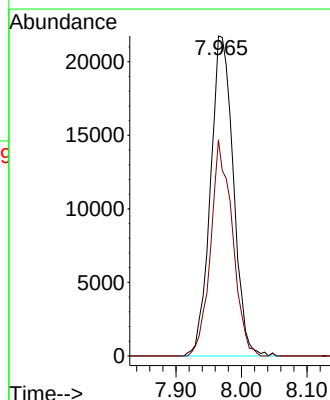
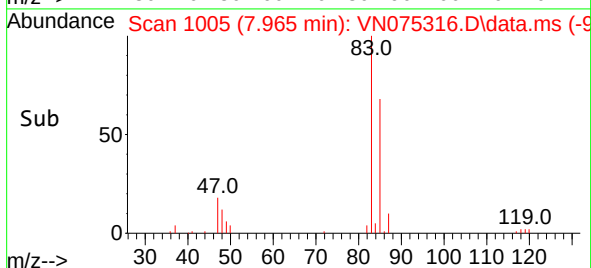
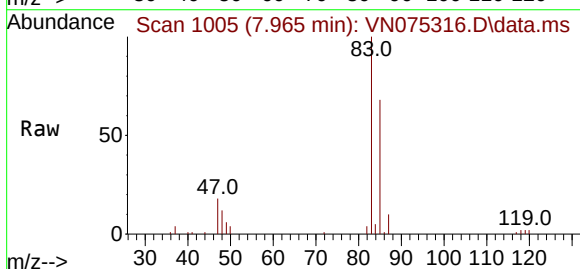
Manual Integrations
APPROVED

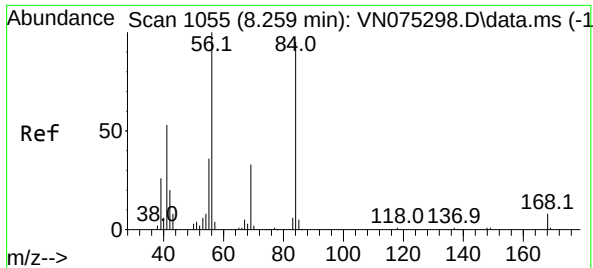
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#30
Chloroform
Concen: 21.548 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

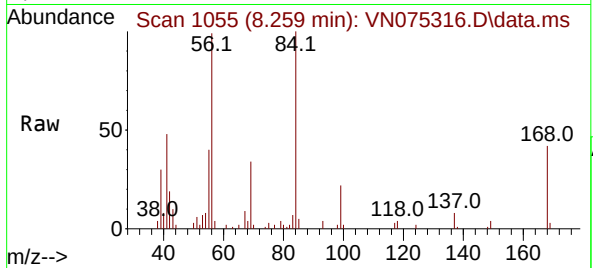
Tgt Ion: 83 Resp: 52690
Ion Ratio Lower Upper
83 100
85 67.5 51.4 77.0





#31
Cyclohexane
Concen: 17.341 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

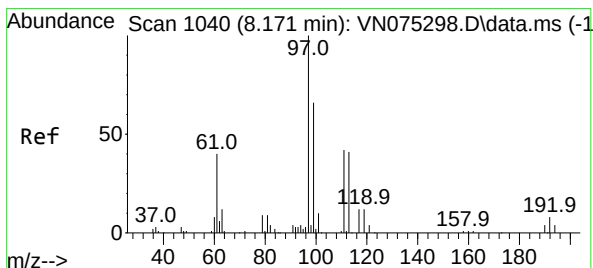
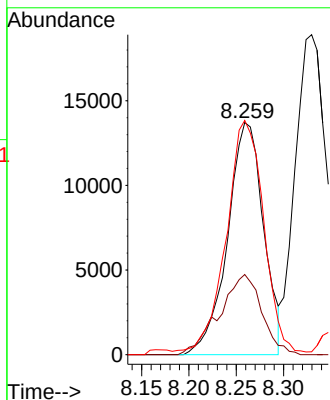
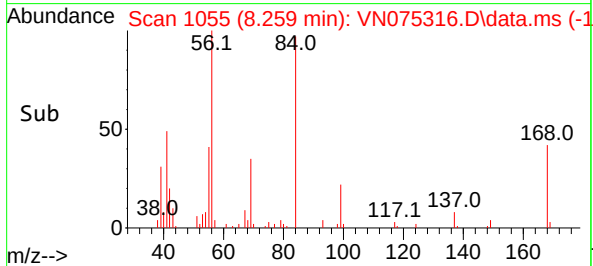
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



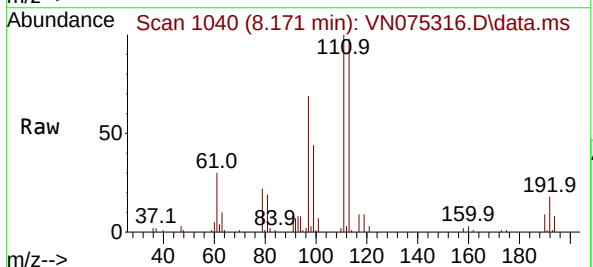
Tgt Ion: 56 Resp: 36220
Ion Ratio Lower Upper
56 100
69 34.5 25.2 37.8
84 99.0 77.8 116.8

Manual Integrations
APPROVED

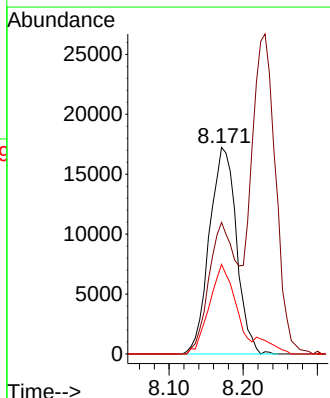
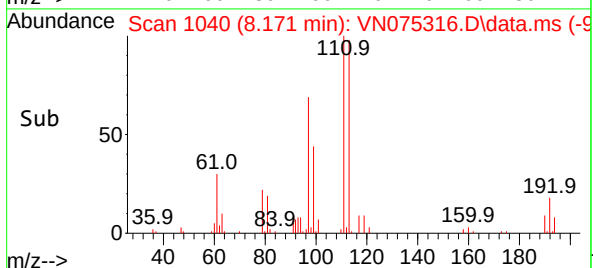
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

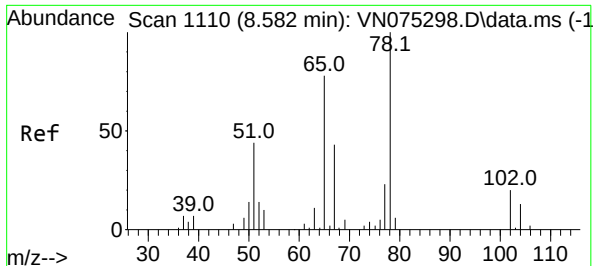


#32
1,1,1-Trichloroethane
Concen: 19.646 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion: 97 Resp: 43626
Ion Ratio Lower Upper
97 100
99 62.1 50.2 75.2
61 42.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.400 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN1118MBS01

Tgt Ion: 65 Resp: 69375

Ion Ratio Lower Upper

65 100

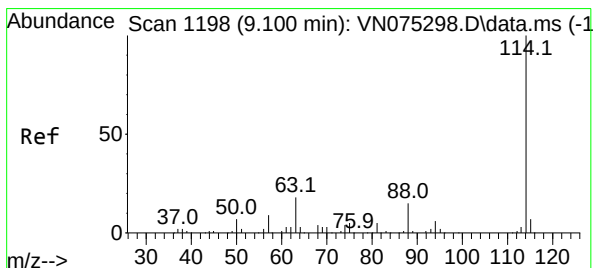
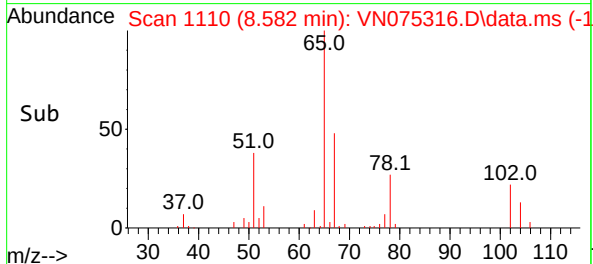
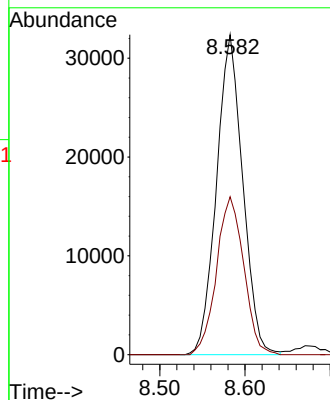
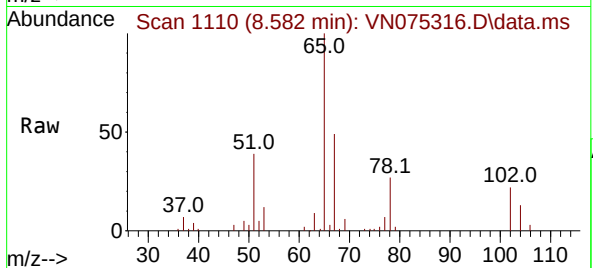
67 51.2 0.0 102.0

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: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

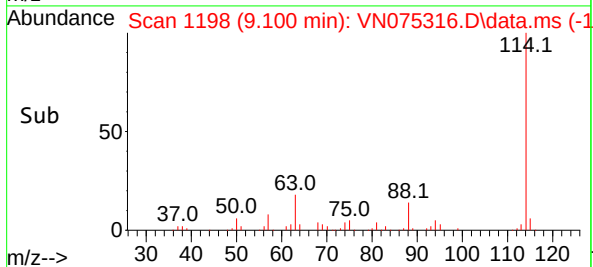
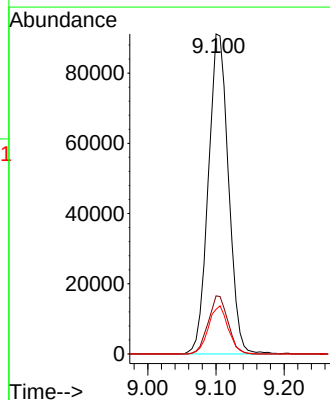
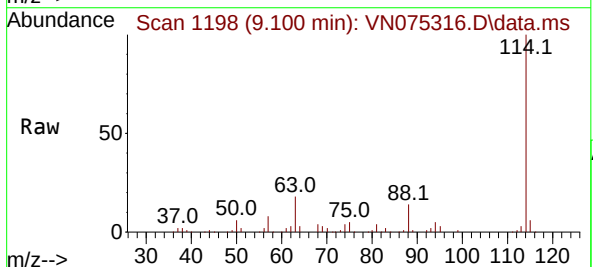
Tgt Ion:114 Resp: 187602

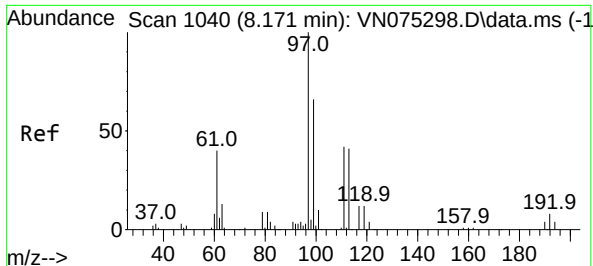
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.625 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN1118MBS01

Tgt Ion:113 Resp: 60160

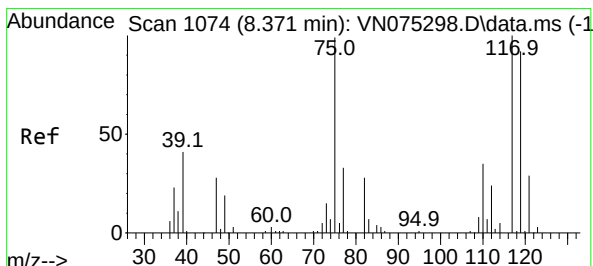
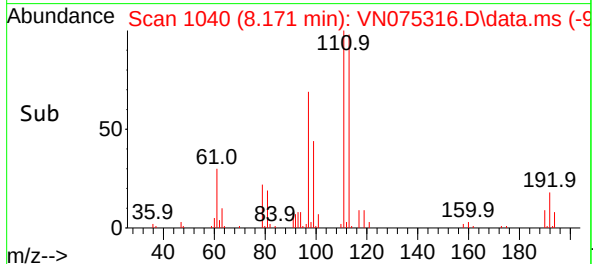
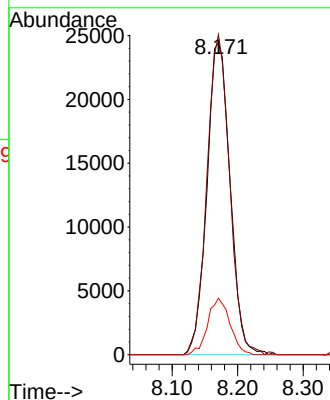
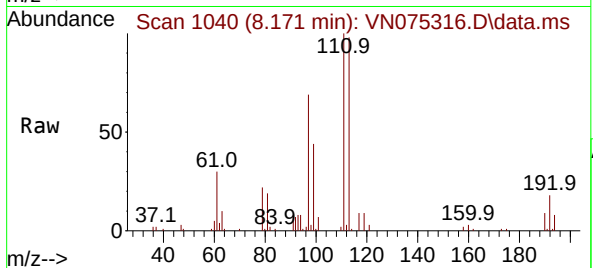
Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.5	120.7
192	17.4	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#36

1,1-Dichloropropene

Concen: 19.332 ug/l

RT: 8.371 min Scan# 1074

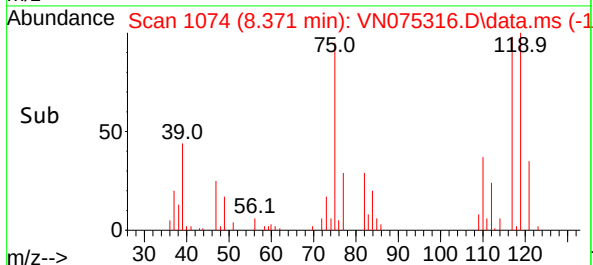
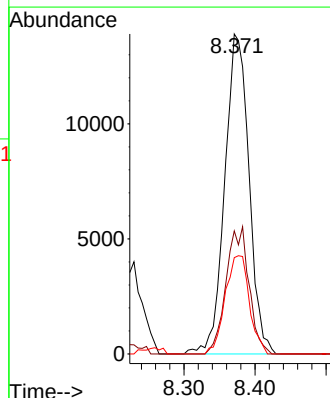
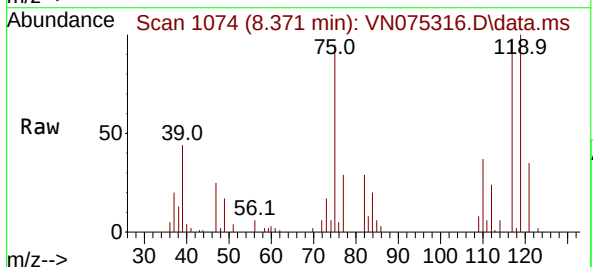
Delta R.T. -0.006 min

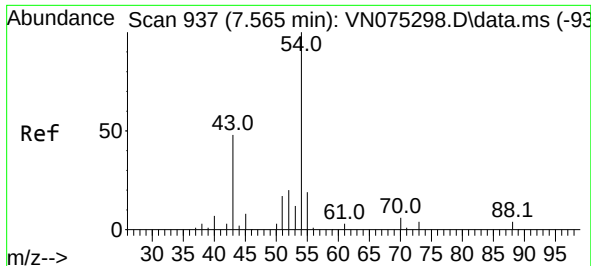
Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

Tgt Ion: 75 Resp: 32962

Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.8	53.3
77	30.6	24.6	37.0





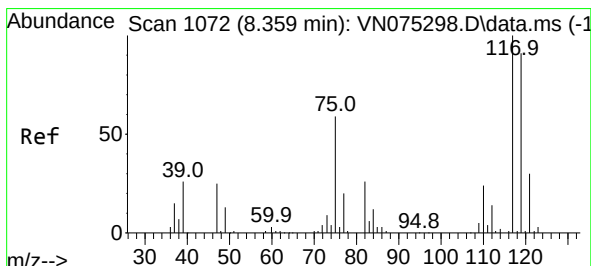
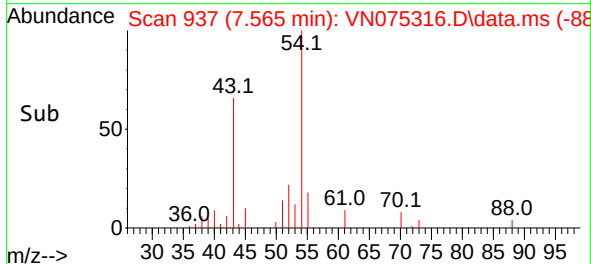
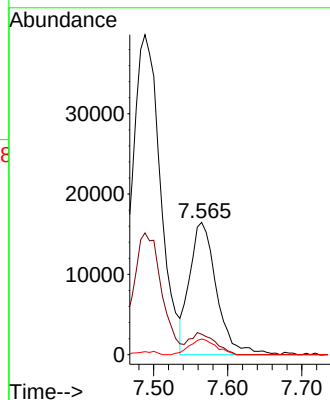
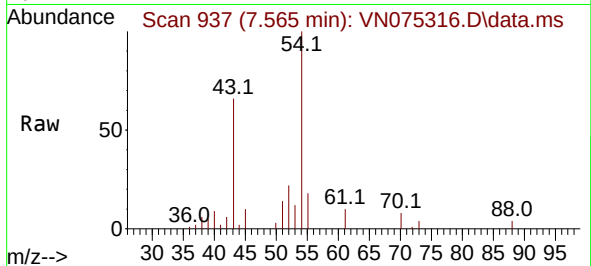
#37
Ethyl Acetate
Concen: 22.200 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 43 Resp: 4151
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.4
70 11.6 9.4 14.2

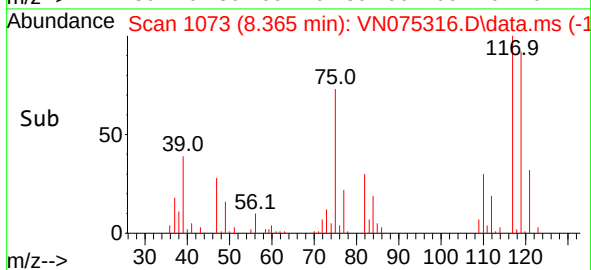
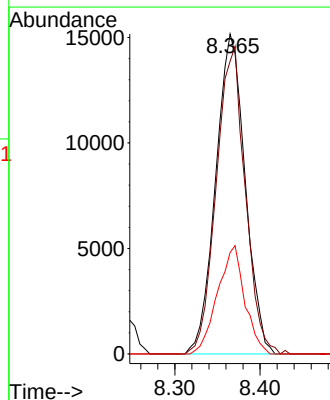
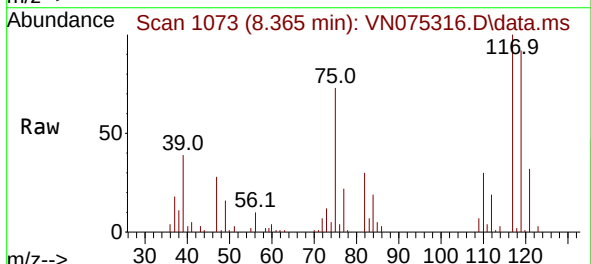
Manual Integrations
APPROVED

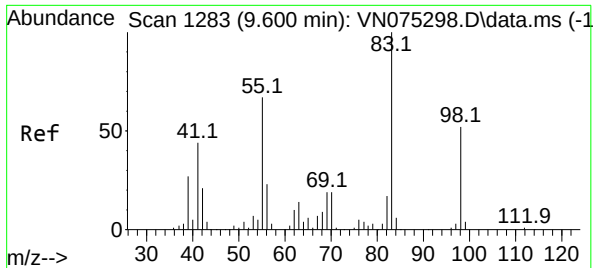
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#38
Carbon Tetrachloride
Concen: 19.407 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

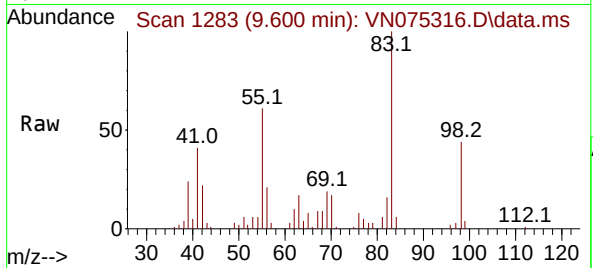
Tgt Ion:117 Resp: 36398
Ion Ratio Lower Upper
117 100
119 91.5 76.7 115.1
121 31.7 23.9 35.9





#39
Methylcyclohexane
Concen: 18.052 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

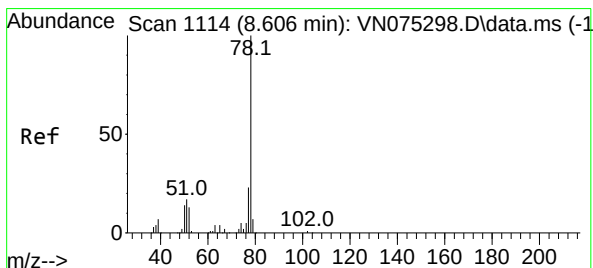
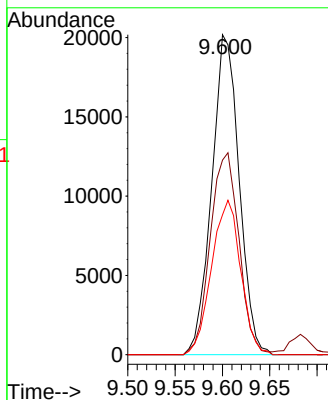
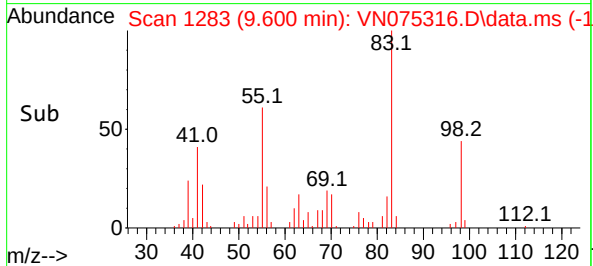
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



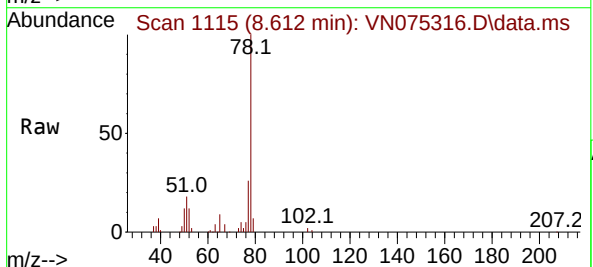
Tgt Ion: 83 Resp: 4063
Ion Ratio Lower Upper
83 100
55 60.8 53.6 80.4
98 43.7 41.1 61.7

Manual Integrations
APPROVED

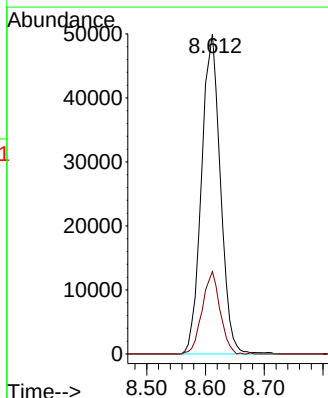
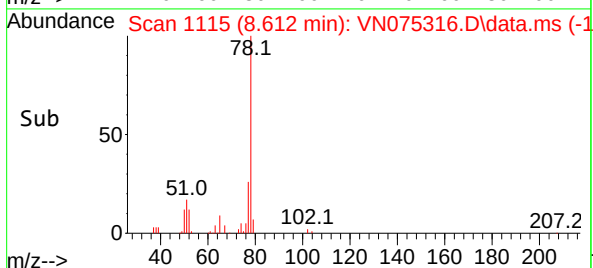
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

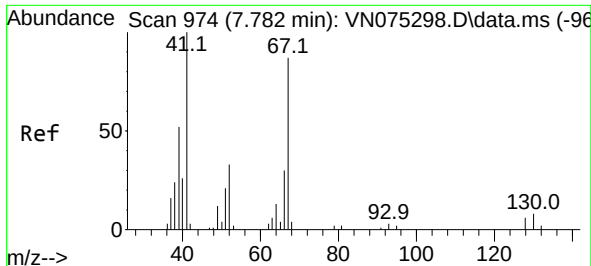


#40
Benzene
Concen: 21.393 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion: 78 Resp: 111685
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0





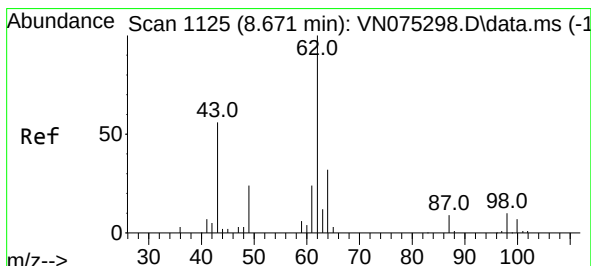
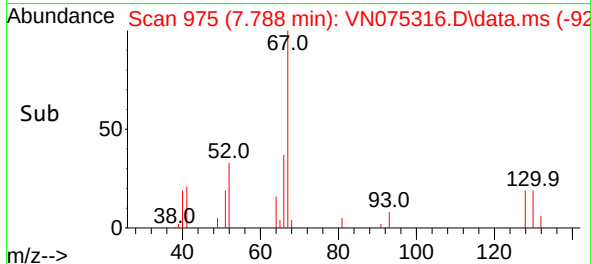
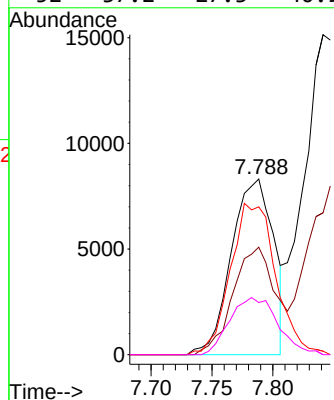
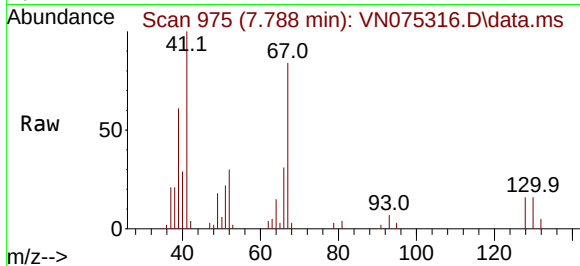
#41
Methacrylonitrile
Concen: 22.344 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:	41	Resp:	2001
Ion	Ratio	Lower	Upper
41	100		
39	61.9	44.4	66.6
67	92.7	69.8	104.6
52	37.2	27.3	40.9

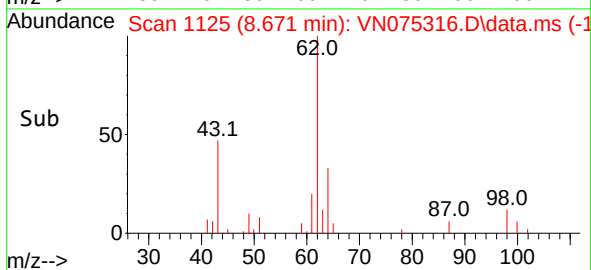
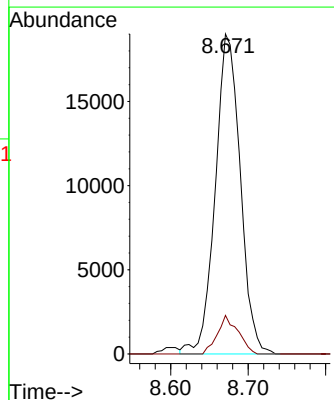
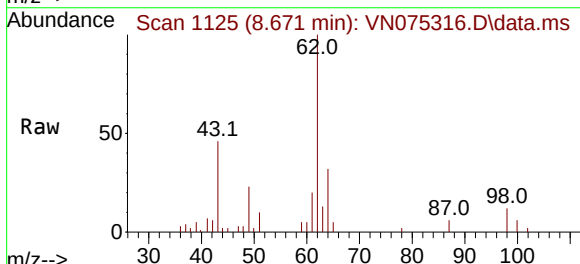
Manual Integrations
APPROVED

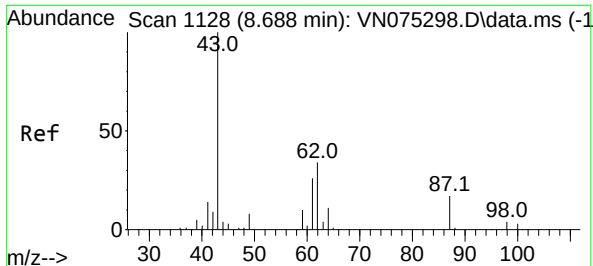
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42
1,2-Dichloroethane
Concen: 22.416 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion:	62	Resp:	42575
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2





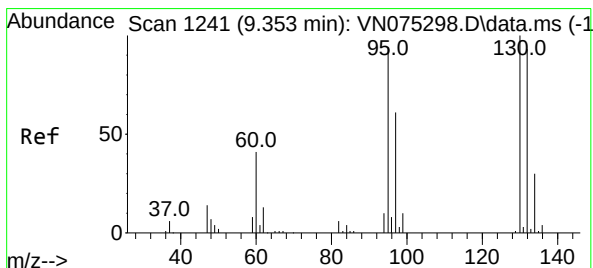
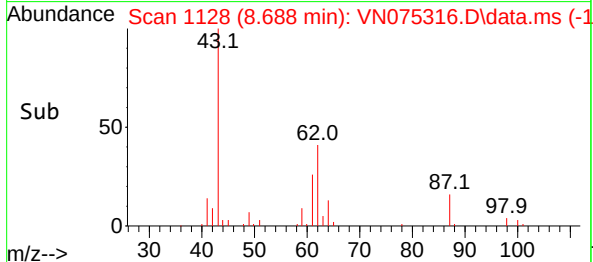
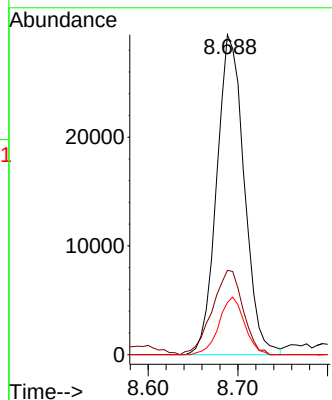
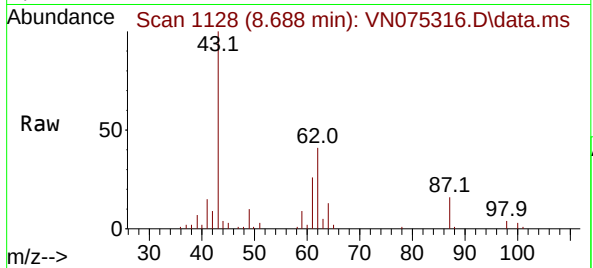
#43
Isopropyl Acetate
Concen: 21.580 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 43 Resp: 62590
Ion Ratio Lower Upper
43 100
61 29.4 22.4 33.6
87 16.7 12.5 18.7

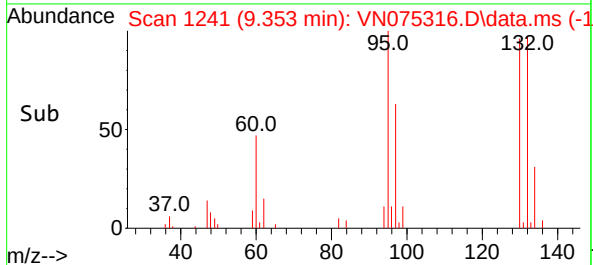
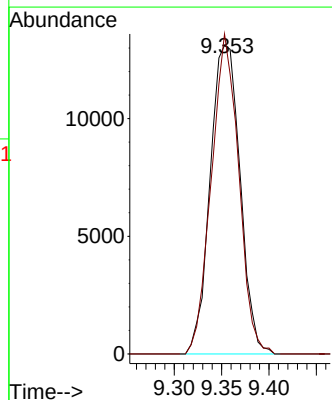
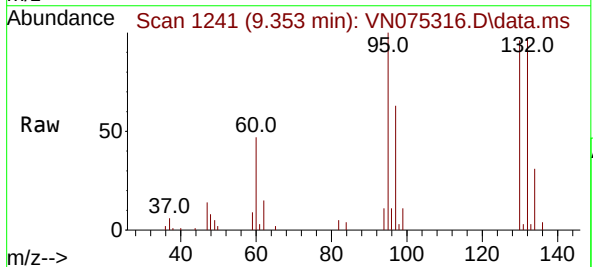
Manual Integrations
APPROVED

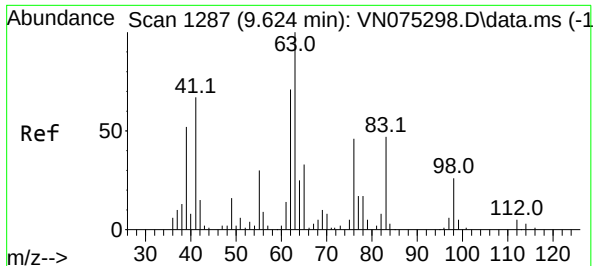
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
Trichloroethene
Concen: 22.019 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion:130 Resp: 28840
Ion Ratio Lower Upper
130 100
95 103.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 23.669 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN1118MBS01

Tgt Ion: 63 Resp: 29400

Ion Ratio Lower Upper

63 100

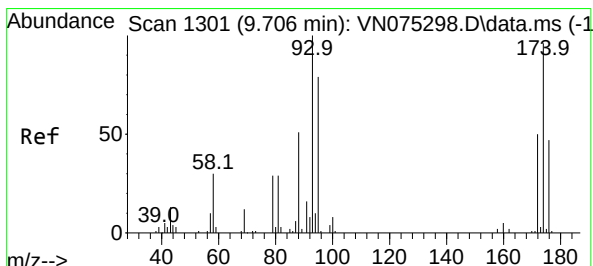
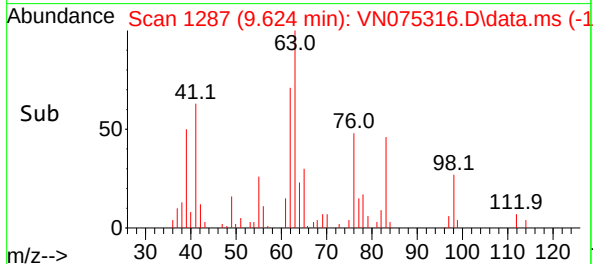
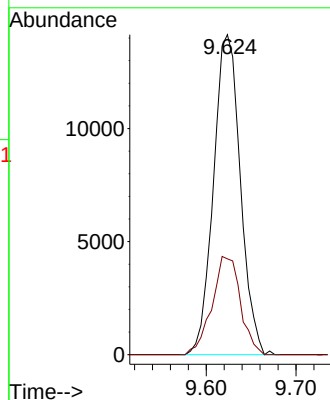
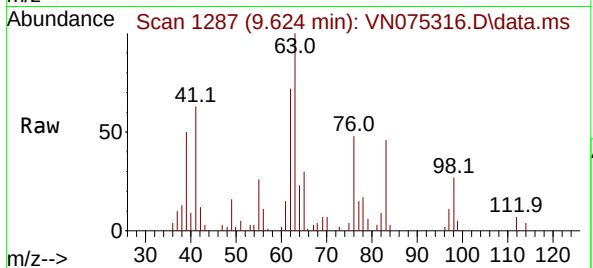
65 29.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 24.055 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

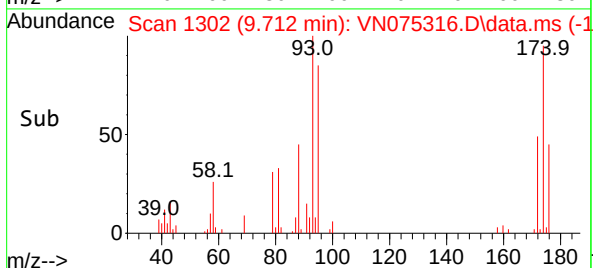
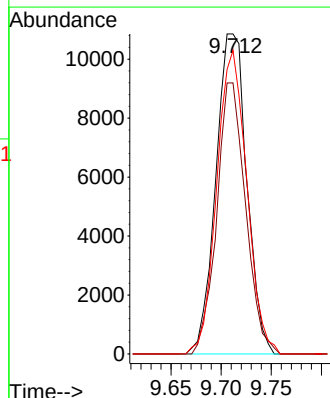
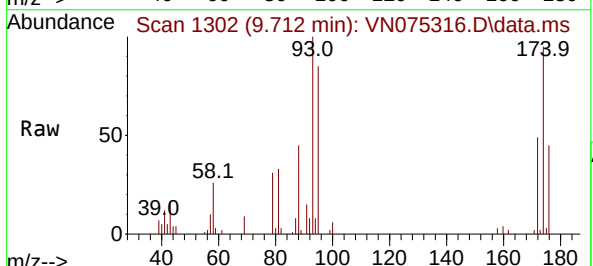
Tgt Ion: 93 Resp: 23284

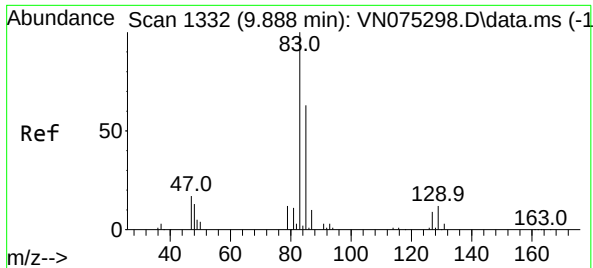
Ion Ratio Lower Upper

93 100

95 79.0 66.6 99.8

174 92.0 70.3 105.5





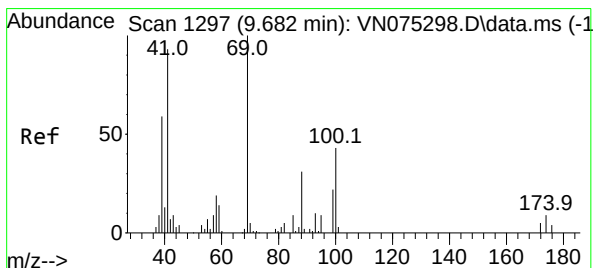
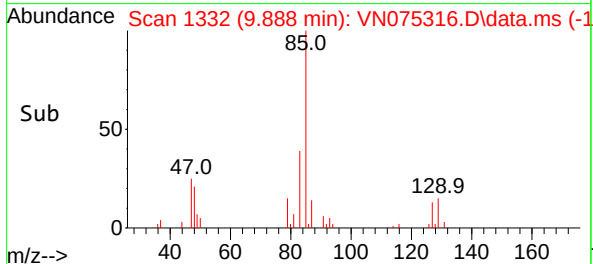
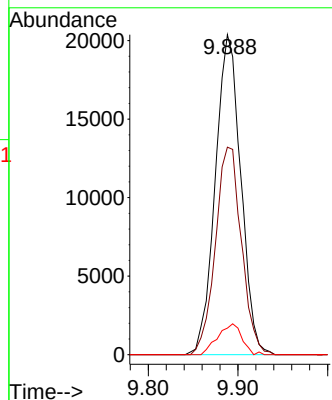
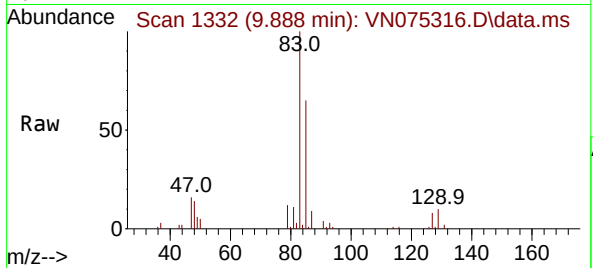
#47
Bromodichloromethane
Concen: 21.465 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 83 Resp: 40234
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1
127 8.3 6.6 10.0

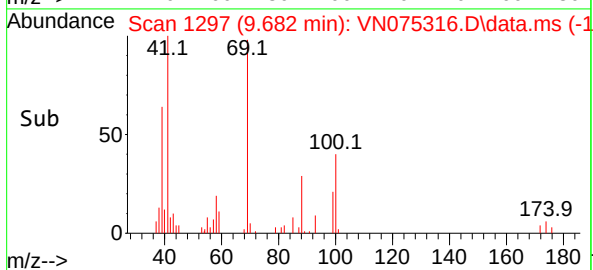
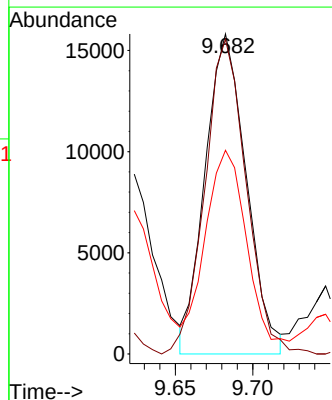
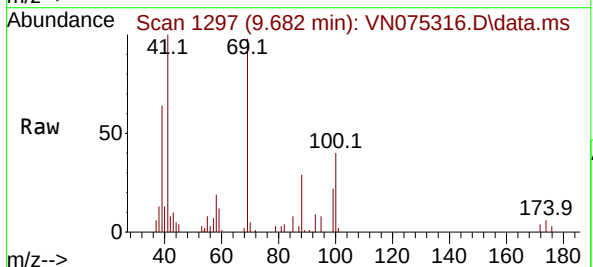
Manual Integrations
APPROVED

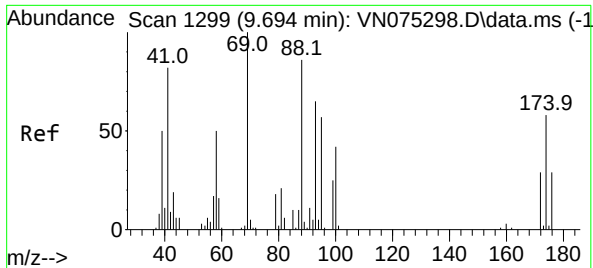
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#48
Methyl methacrylate
Concen: 21.970 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

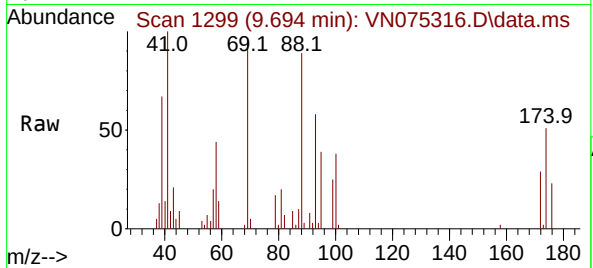
Tgt Ion: 41 Resp: 29231
Ion Ratio Lower Upper
41 100
69 98.7 80.2 120.2
39 65.8 56.2 84.2





#49
1,4-Dioxane
Concen: 507.751 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

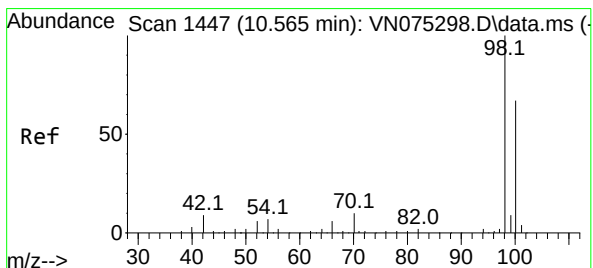
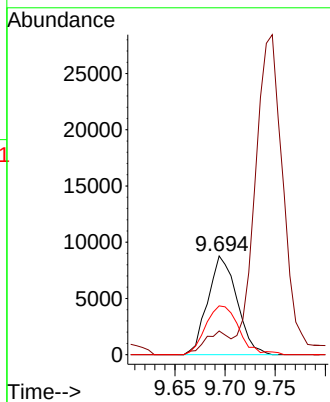
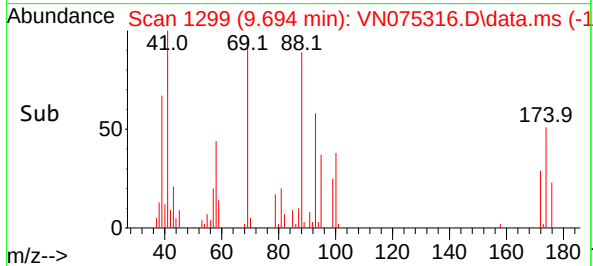
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



Tgt Ion: 88 Resp: 17690
Ion Ratio Lower Upper
88 100
43 20.2 17.5 26.3
58 56.4 49.8 74.8

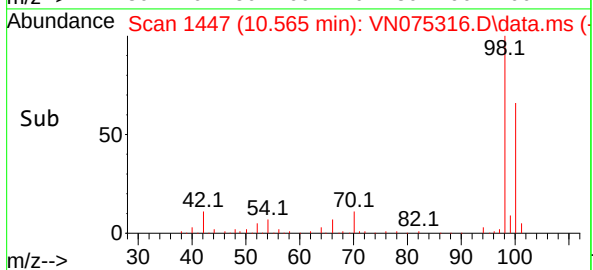
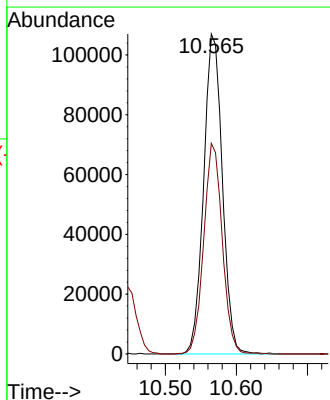
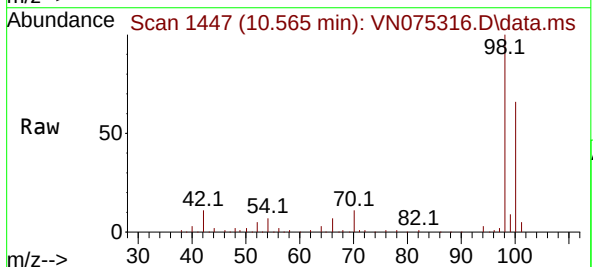
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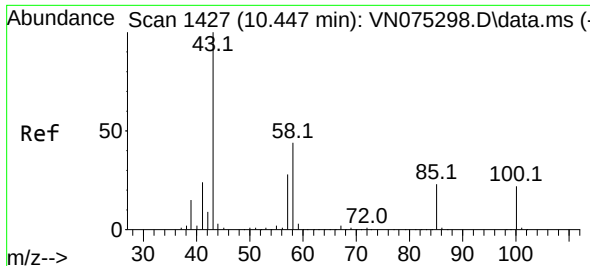
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#50
Toluene-d8
Concen: 45.884 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 98 Resp: 196052
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6





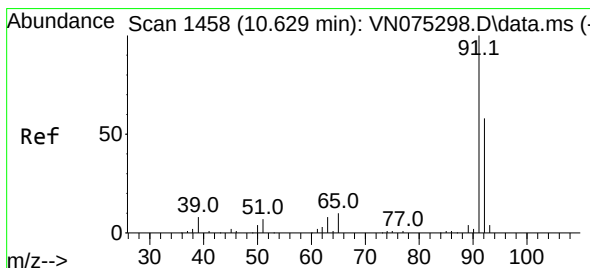
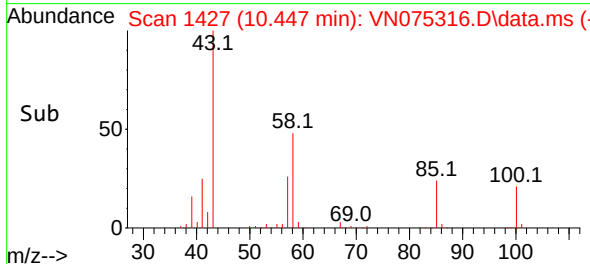
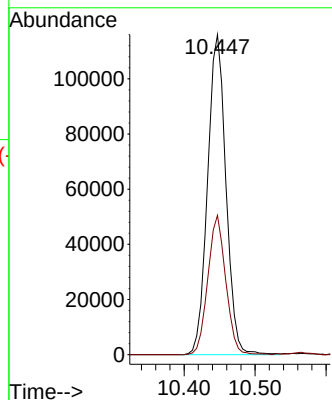
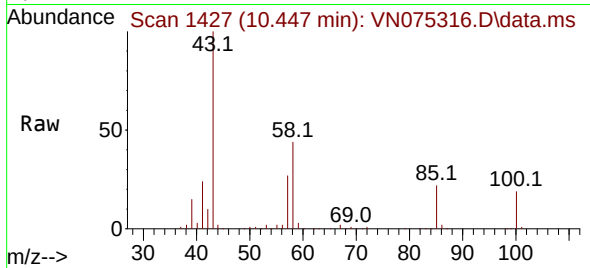
#51
4-Methyl-2-Pentanone
Concen: 111.410 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 43 Resp: 20852
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4

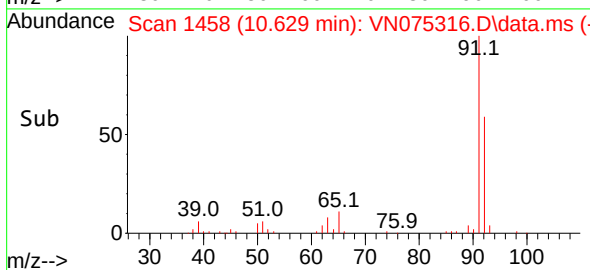
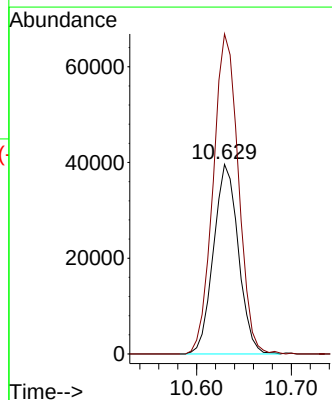
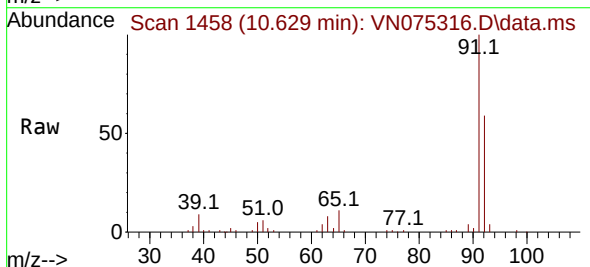
Manual Integrations
APPROVED

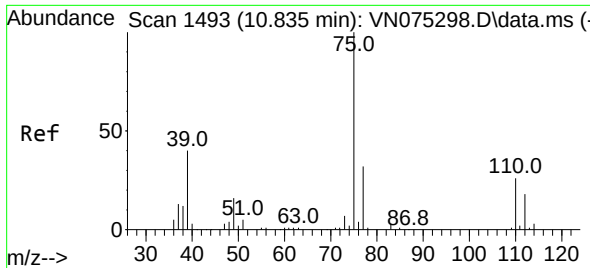
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Toluene
Concen: 20.674 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

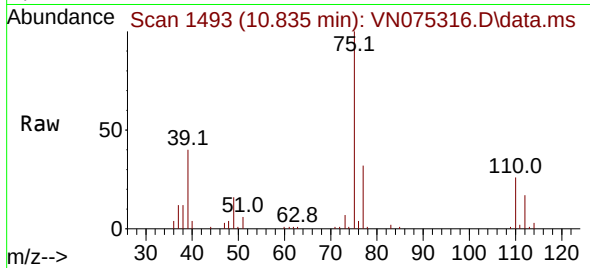
Tgt Ion: 92 Resp: 72148
Ion Ratio Lower Upper
92 100
91 171.8 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 20.418 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

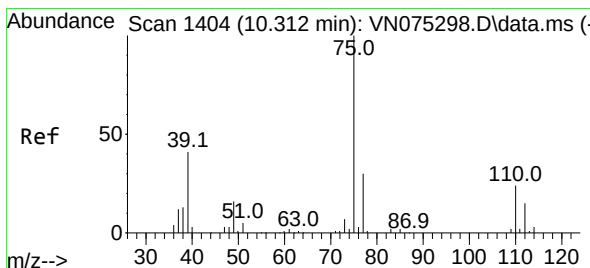
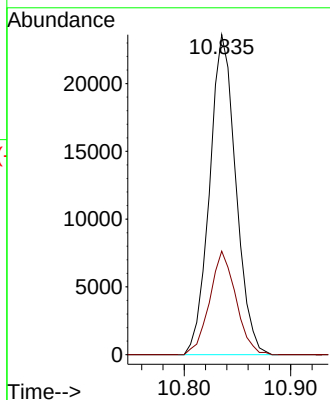
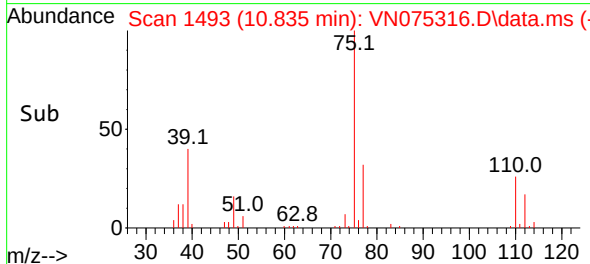
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



Tgt Ion: 75 Resp: 40390
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

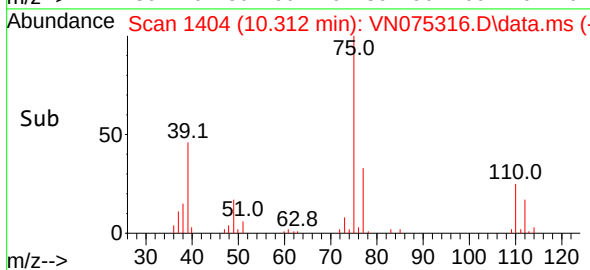
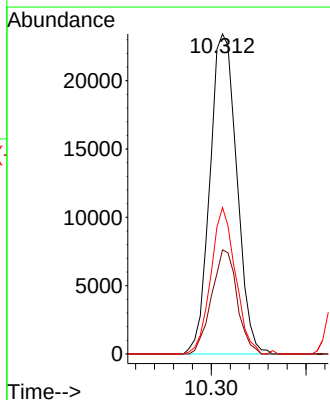
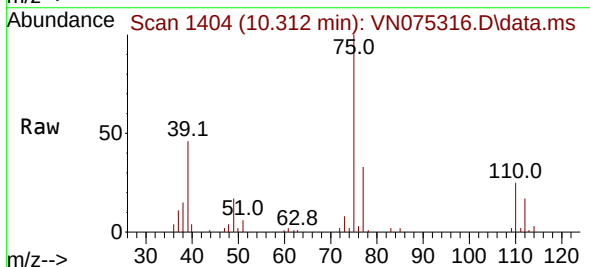
Manual Integrations
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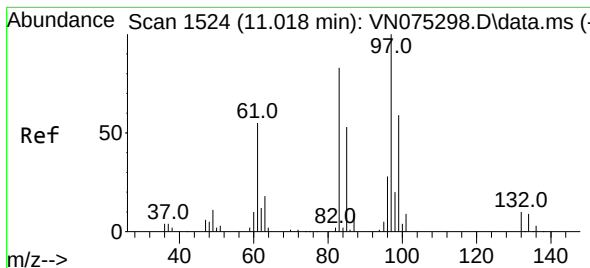
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#54
cis-1,3-Dichloropropene
Concen: 22.022 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

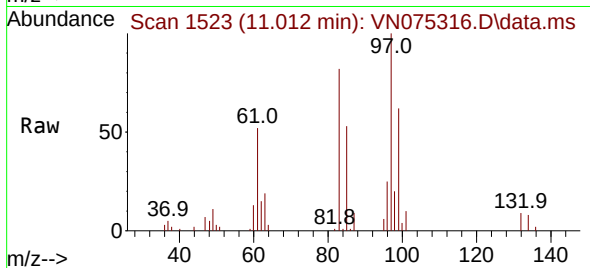
Tgt Ion: 75 Resp: 46213
Ion Ratio Lower Upper
75 100
77 32.6 23.7 35.5
39 45.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 23.356 ug/l
RT: 11.012 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

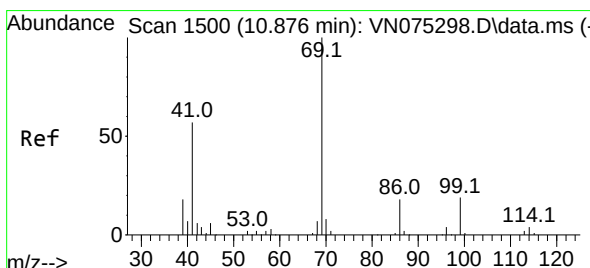
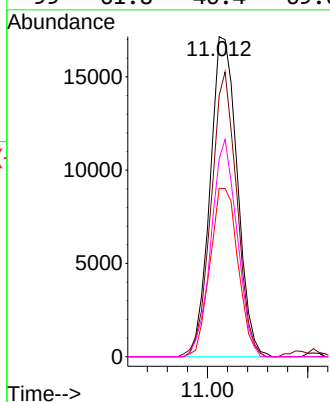
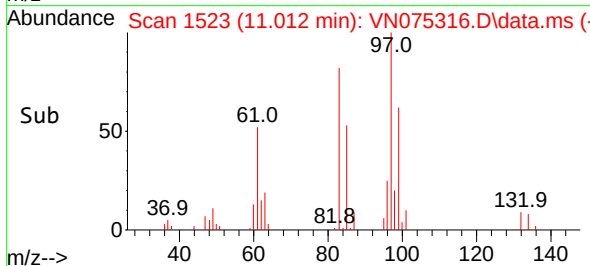
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



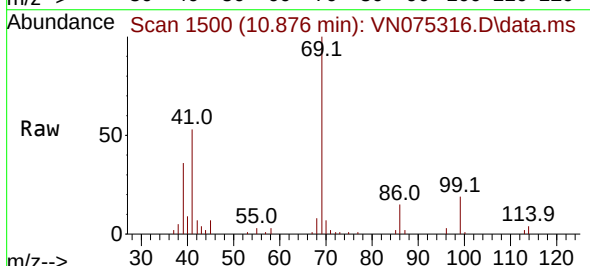
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.9	98.9
85	52.6	40.4	60.6
99	61.8	46.4	69.6

Manual Integrations
APPROVED

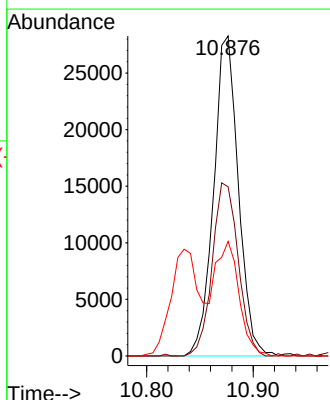
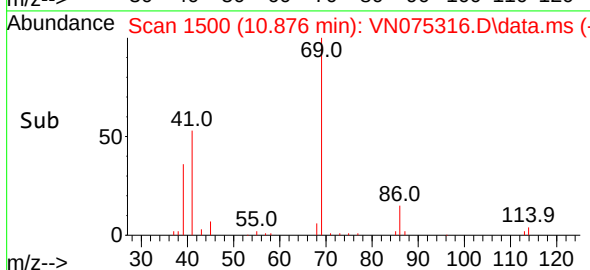
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

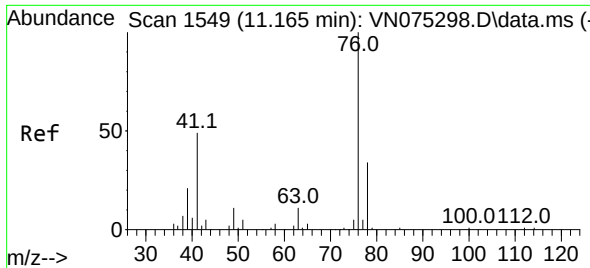


#56
Ethyl methacrylate
Concen: 21.612 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



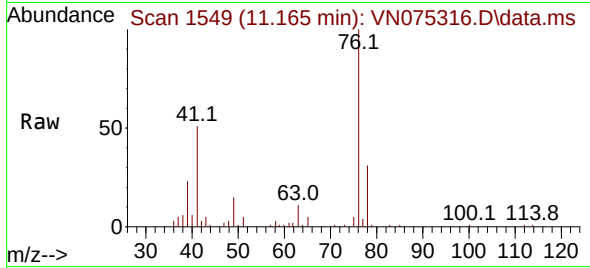
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.7	45.6	68.4
39	33.6	28.5	42.7





#57
1,3-Dichloropropane
Concen: 23.241 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

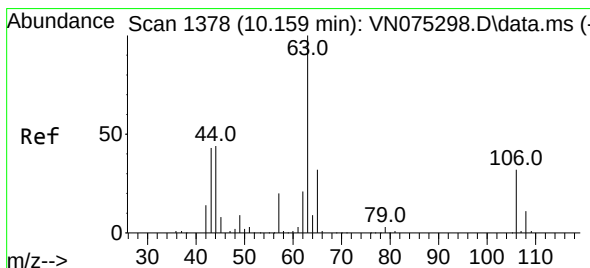
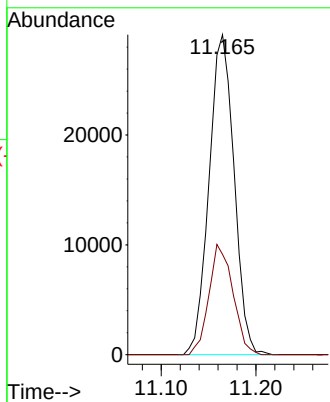
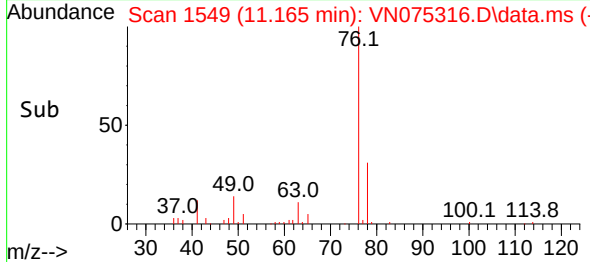
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



Tgt Ion: 76 Resp: 5355
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

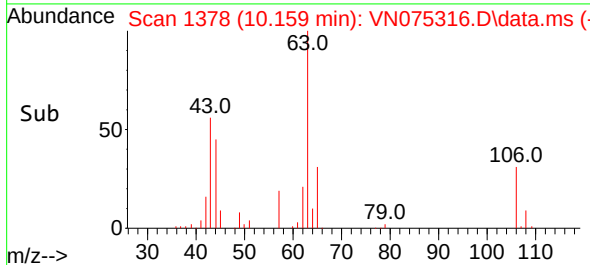
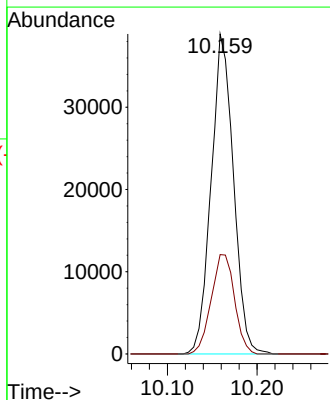
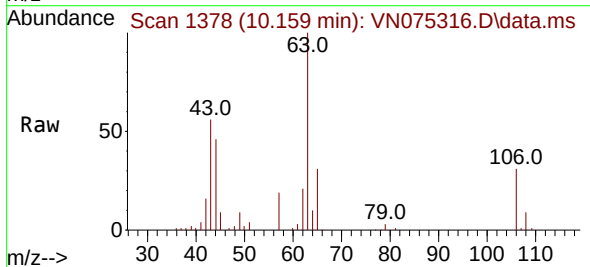
Manual Integrations
APPROVED

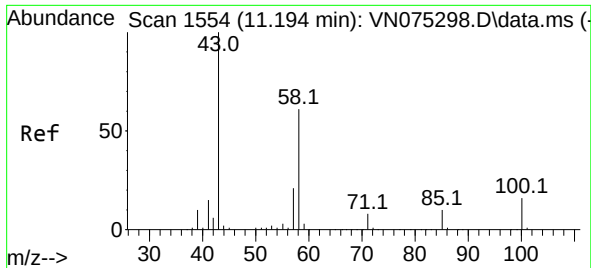
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 82.339 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

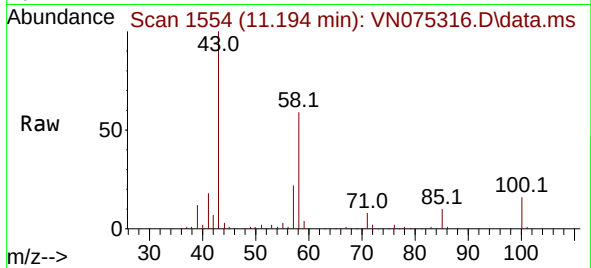
Tgt Ion: 63 Resp: 67188
Ion Ratio Lower Upper
63 100
106 32.5 24.8 37.2





#59
2-Hexanone
Concen: 108.829 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

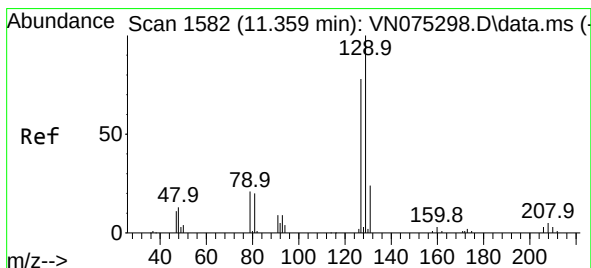
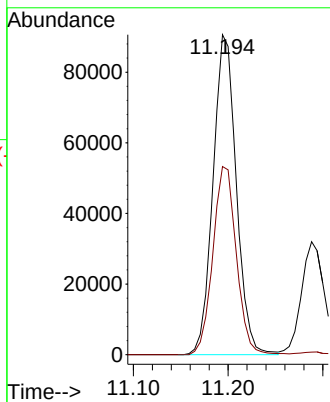
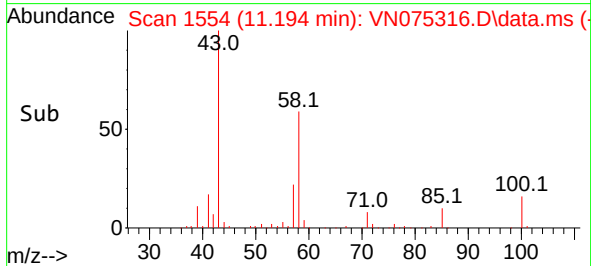
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



Tgt Ion: 43 Resp: 154594
Ion Ratio Lower Upper
43 100
58 59.4 29.6 88.8

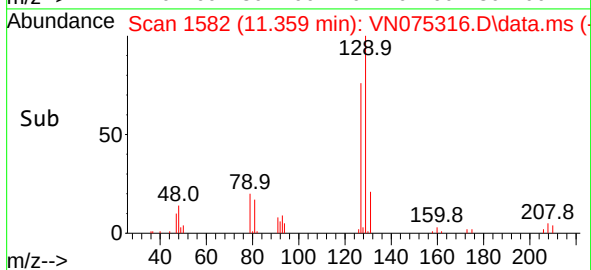
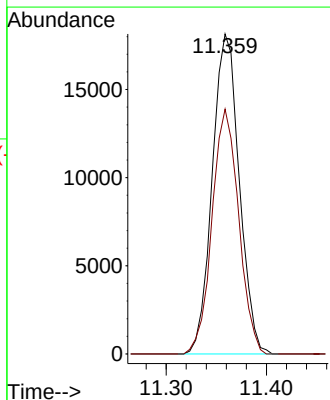
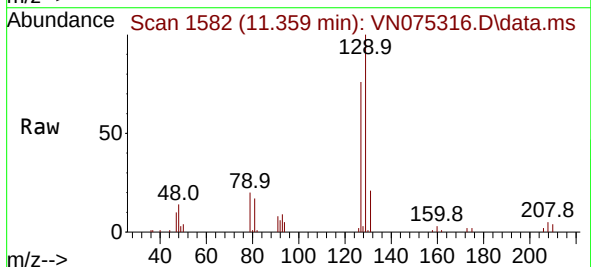
Manual Integrations
APPROVED

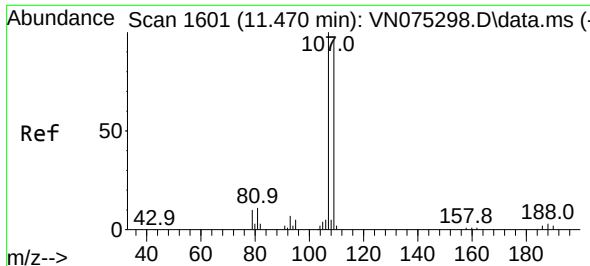
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
Dibromochloromethane
Concen: 23.201 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

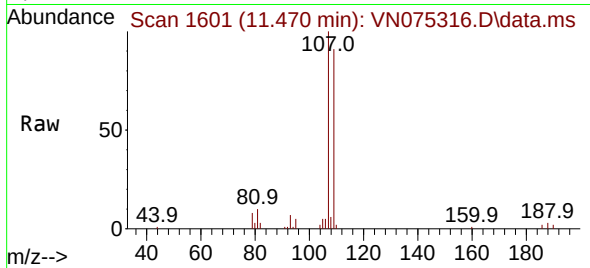
Tgt Ion:129 Resp: 33871
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 23.619 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

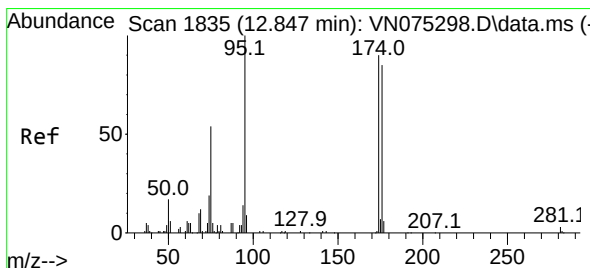
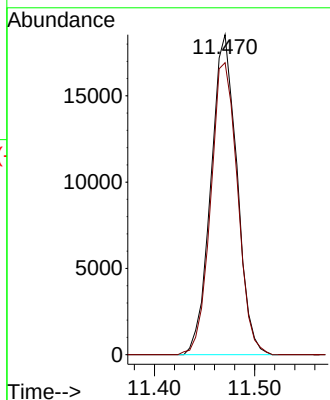
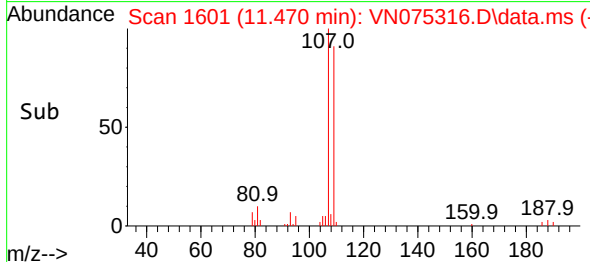
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



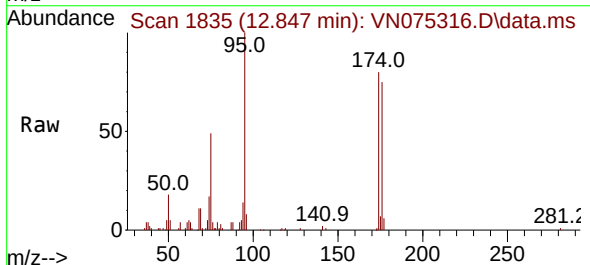
Tgt Ion:107 Resp: 3349
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

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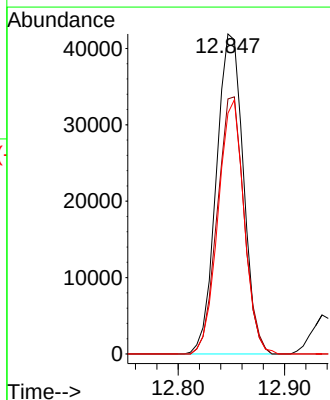
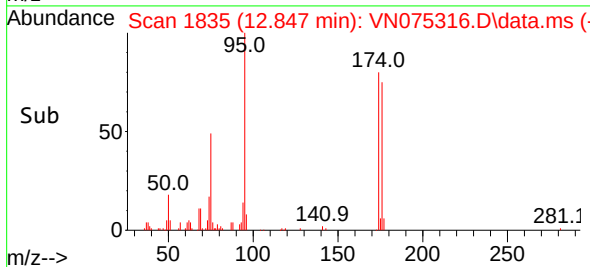
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

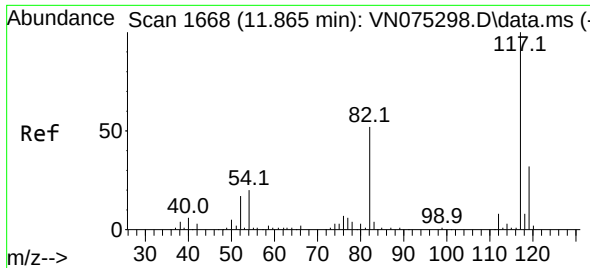


#62
4-Bromofluorobenzene
Concen: 49.101 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



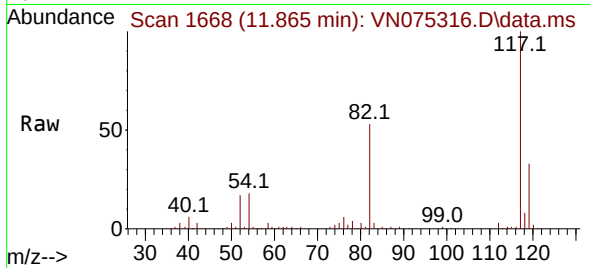
Tgt Ion: 95 Resp: 73699
Ion Ratio Lower Upper
95 100
174 79.5 0.0 147.4
176 76.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

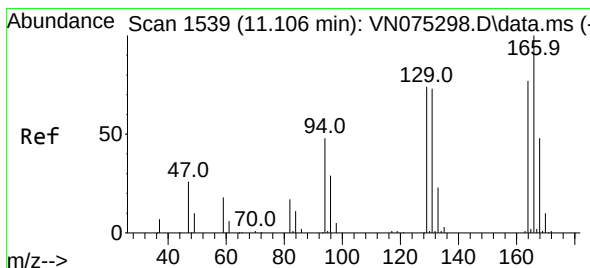
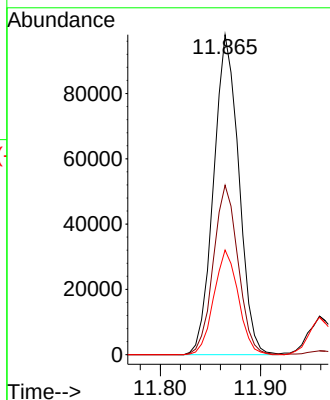
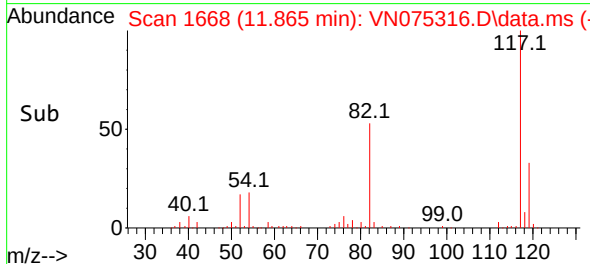
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



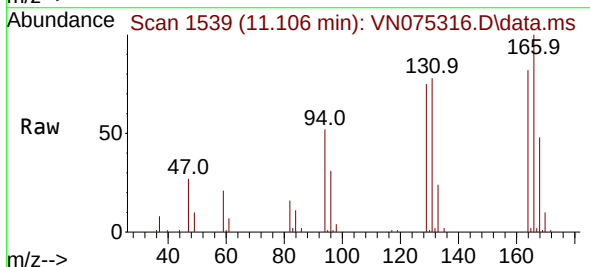
Tgt Ion:117 Resp: 170870
Ion Ratio Lower Upper
117 100
82 52.9 43.1 64.7
119 32.7 25.5 38.3

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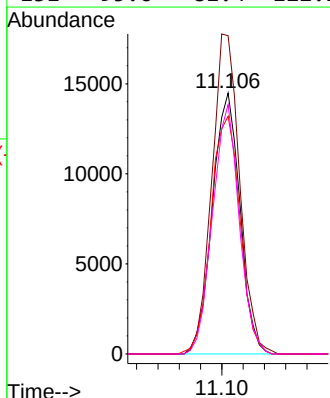
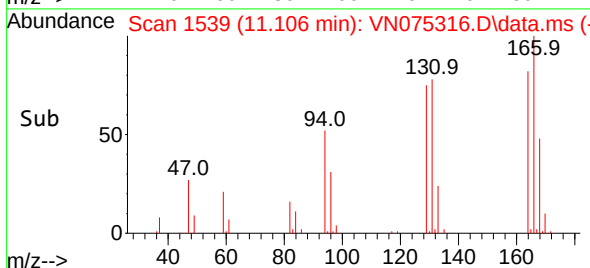
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

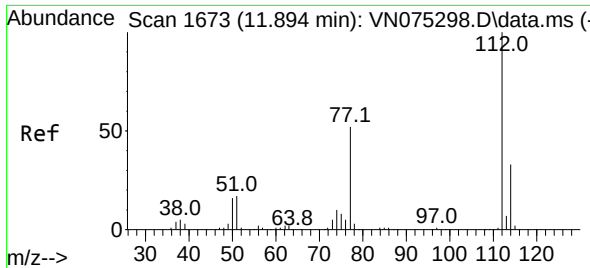


#64
Tetrachloroethene
Concen: 24.800 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion:164 Resp: 25980
Ion Ratio Lower Upper
164 100
166 121.9 106.5 159.7
129 91.1 81.9 122.9
131 95.6 81.4 122.2





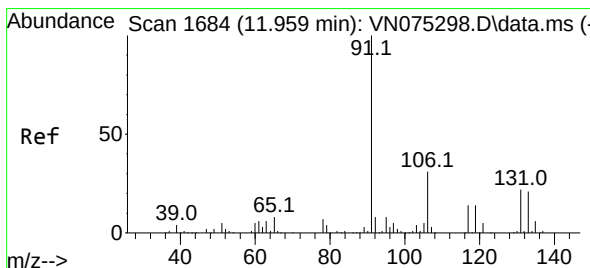
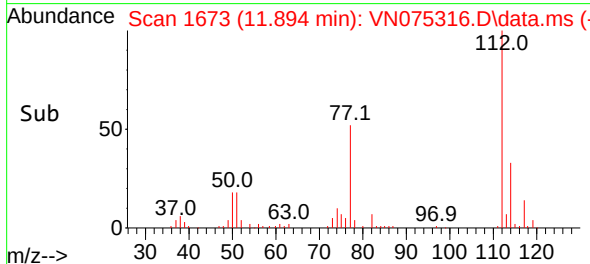
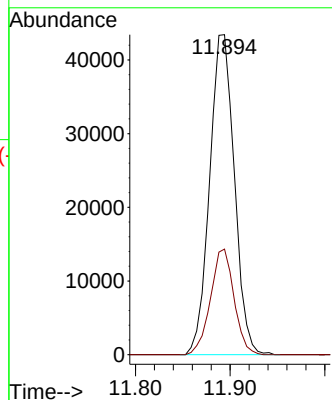
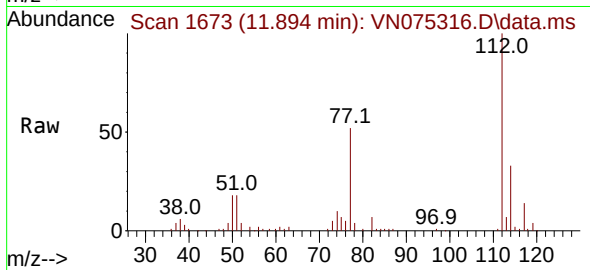
#65
Chlorobenzene
Concen: 21.617 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:112 Resp: 7884
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

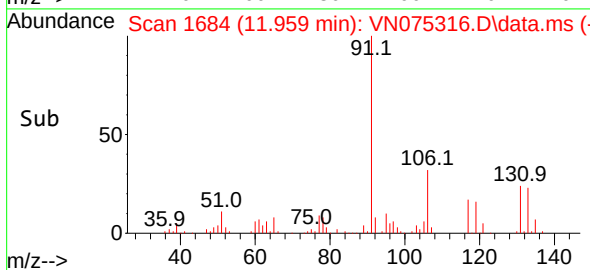
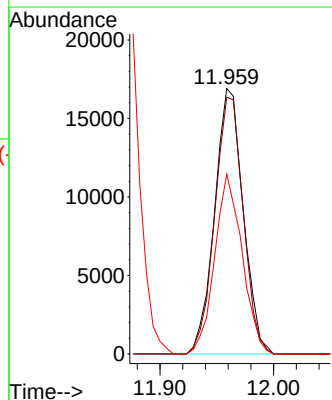
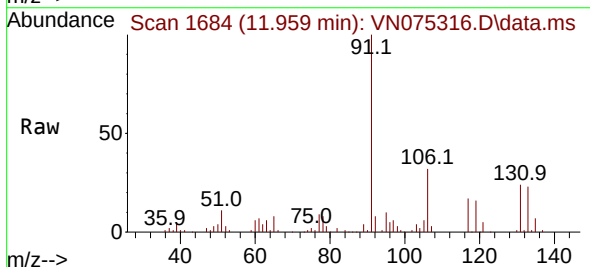
Manual Integrations
APPROVED

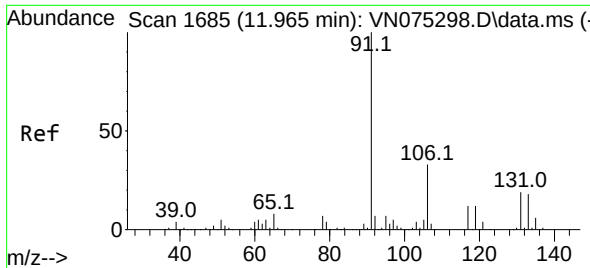
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.841 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion:131 Resp: 29550
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 65.1 33.0 99.0





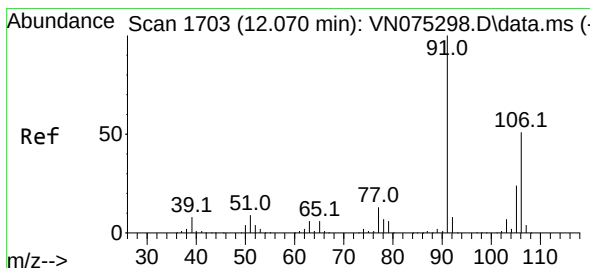
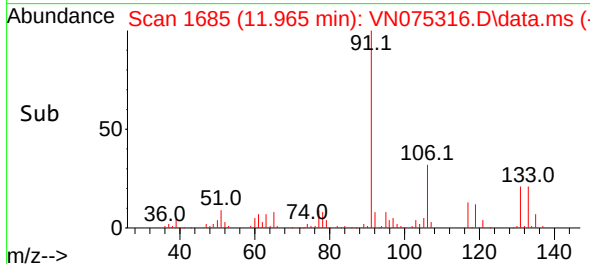
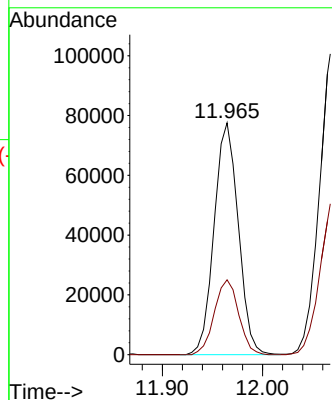
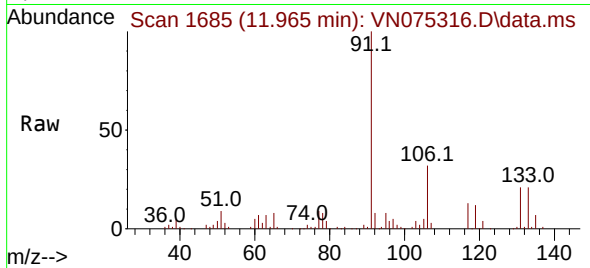
#67
Ethyl Benzene
Concen: 19.790 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 91 Resp: 129862
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

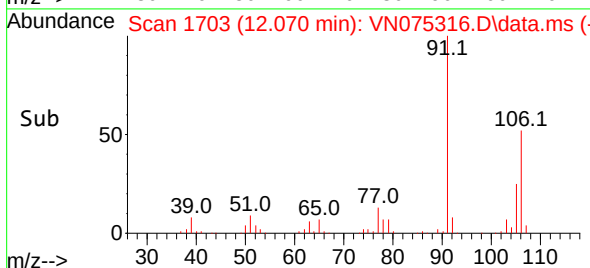
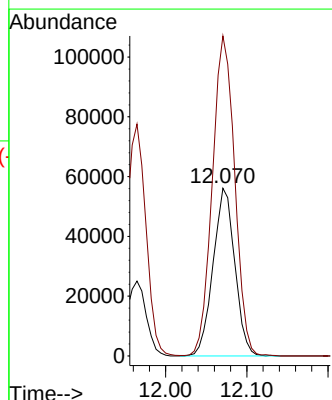
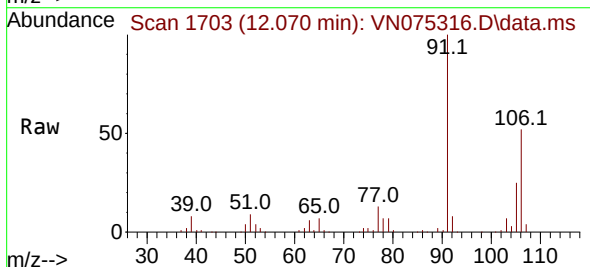
Manual Integrations
APPROVED

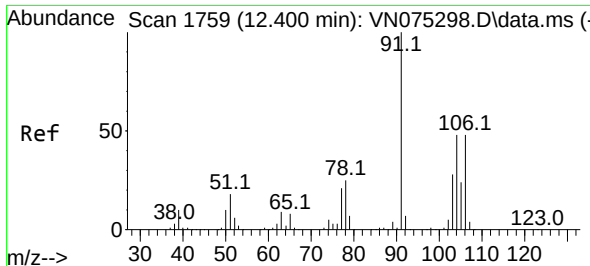
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 39.654 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion:106 Resp: 104408
Ion Ratio Lower Upper
106 100
91 196.6 156.0 234.0





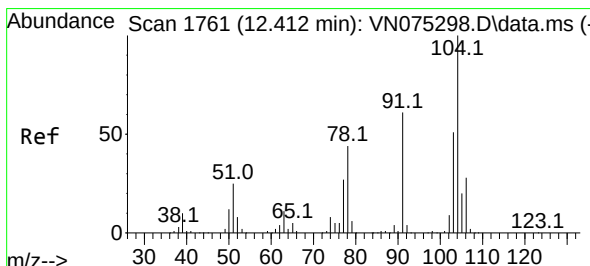
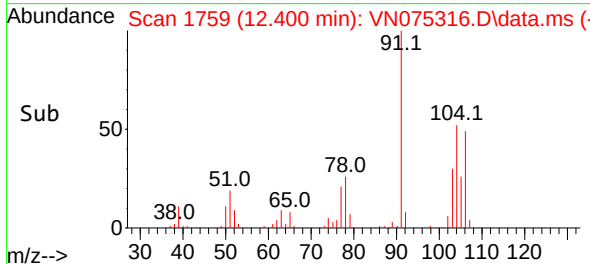
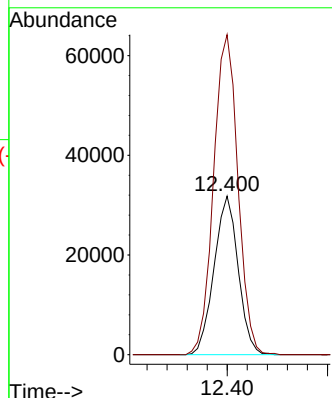
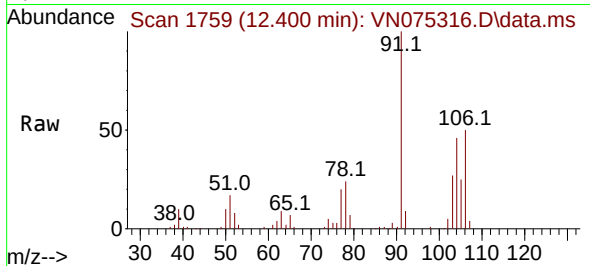
#69
o-Xylene
Concen: 20.399 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:106 Resp: 5311
Ion Ratio Lower Upper
106 100
91 203.6 105.2 315.5

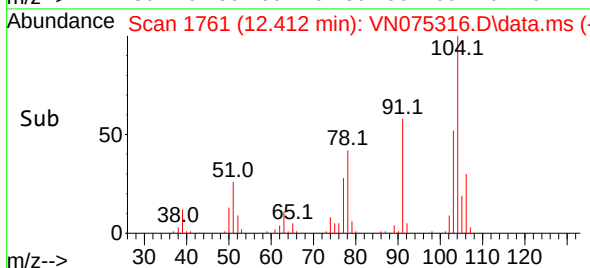
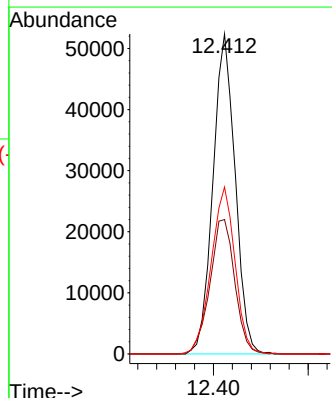
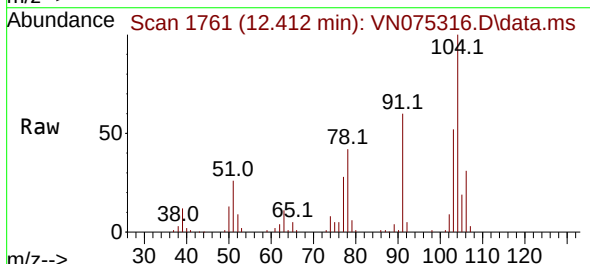
Manual Integrations
APPROVED

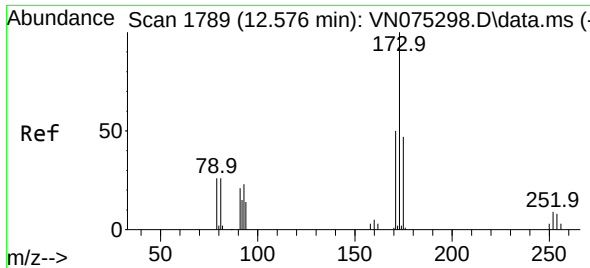
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 20.540 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

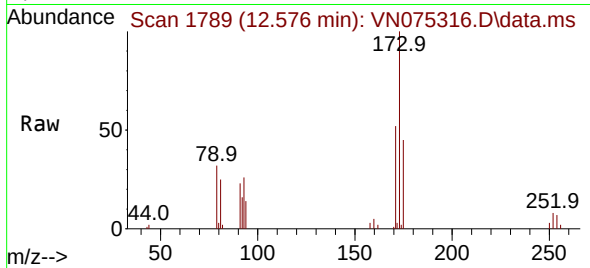
Tgt Ion:104 Resp: 85278
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 56.1 44.6 66.8





#71
Bromoform
Concen: 23.491 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

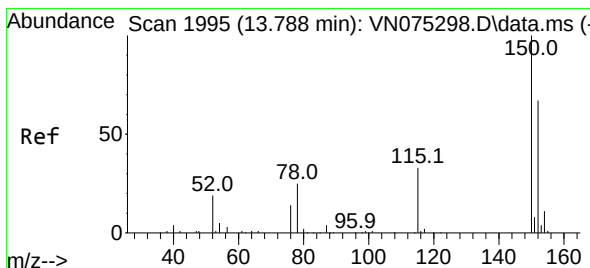
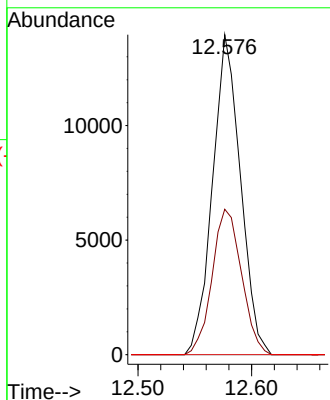
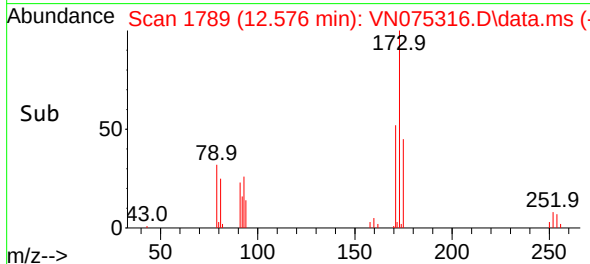
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



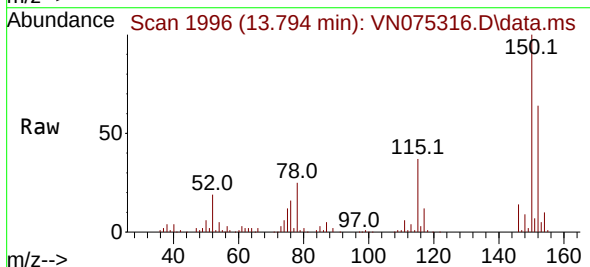
Tgt Ion:173 Resp: 23790
Ion Ratio Lower Upper
173 100
175 47.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

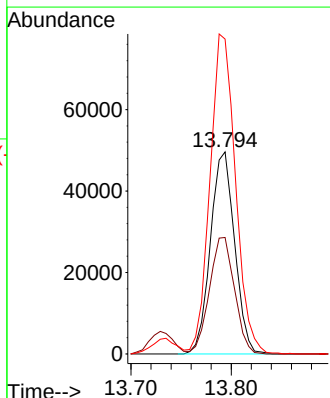
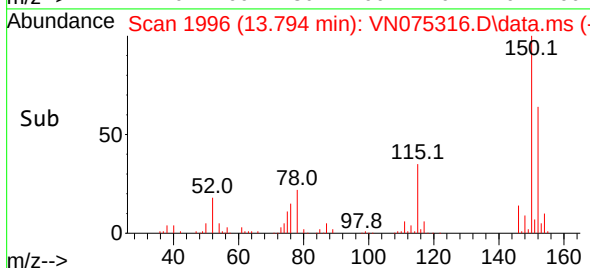
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

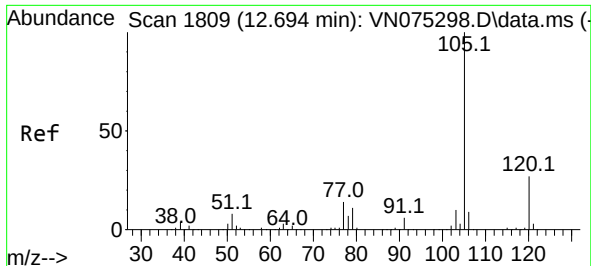


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion:152 Resp: 83088
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 166.9 0.0 348.4





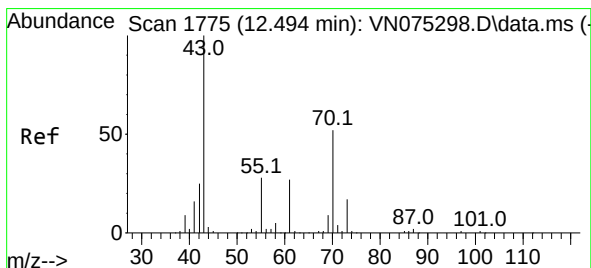
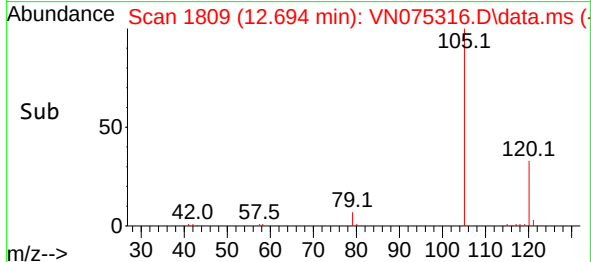
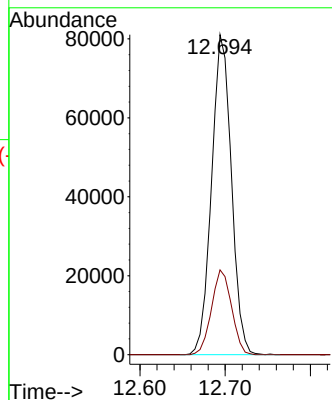
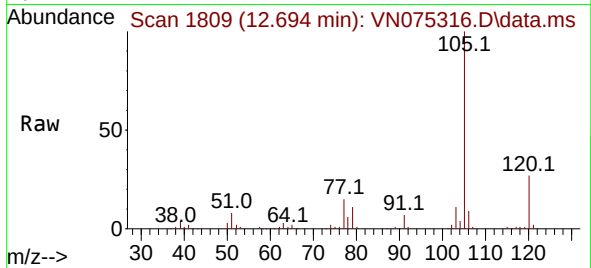
#73
Isopropylbenzene
Concen: 19.619 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:105 Resp: 130860
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

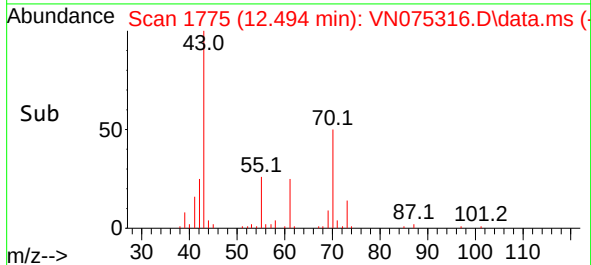
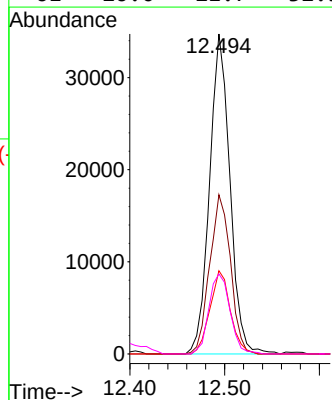
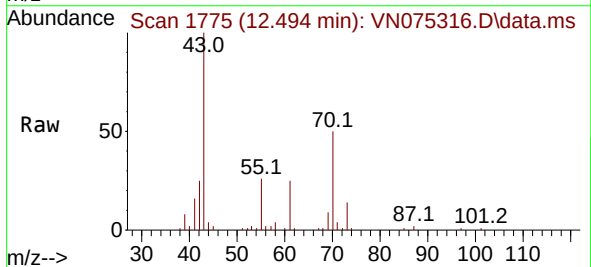
Manual Integrations
APPROVED

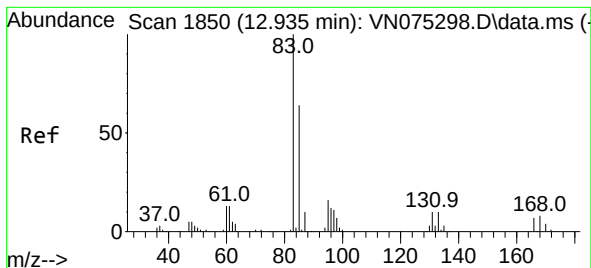
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#74
N-ethyl acetate
Concen: 21.004 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

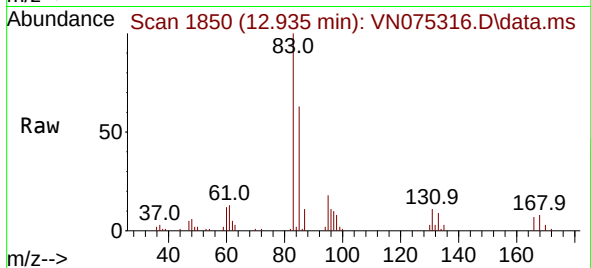
Tgt Ion: 43 Resp: 51819
Ion Ratio Lower Upper
43 100
70 50.8 39.8 59.8
55 26.1 19.9 29.9
61 26.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 23.087 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

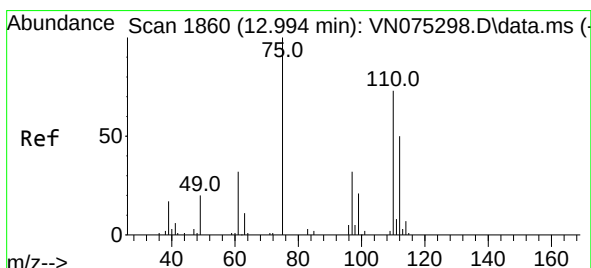
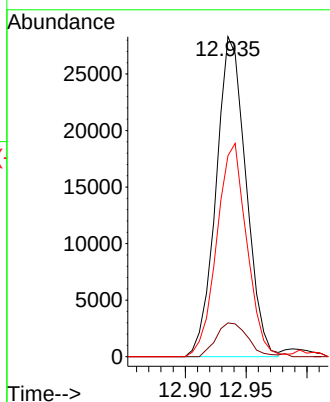
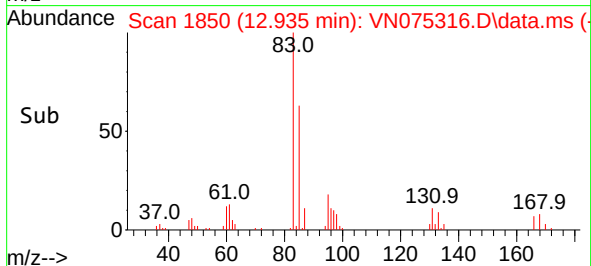
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



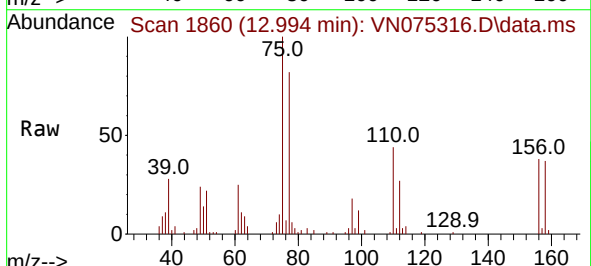
Tgt Ion: 83 Resp: 4839
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 66.8 31.6 94.7

Manual Integrations
APPROVED

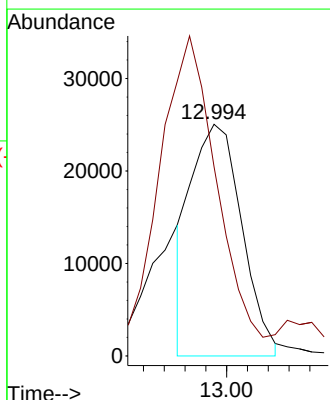
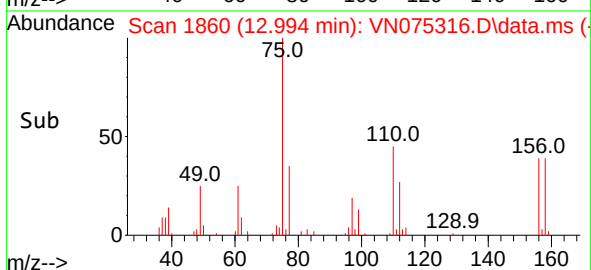
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

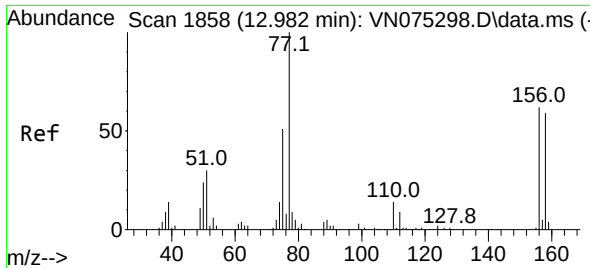


#76
1,2,3-Trichloropropane
Concen: 24.020 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion: 75 Resp: 42375
Ion Ratio Lower Upper
75 100
77 159.5 75.6 226.8





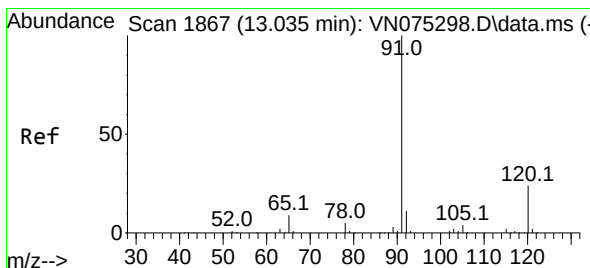
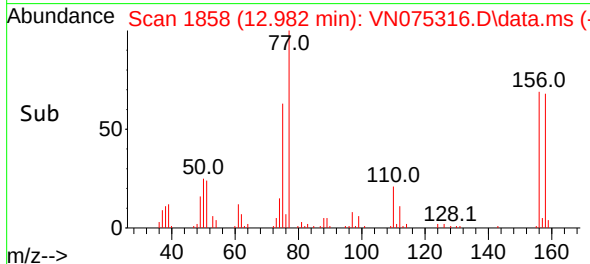
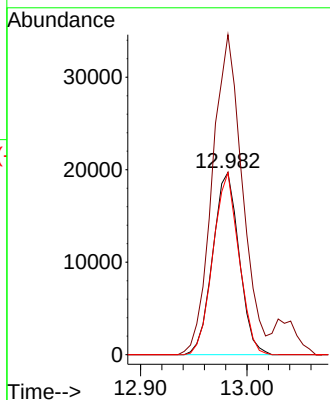
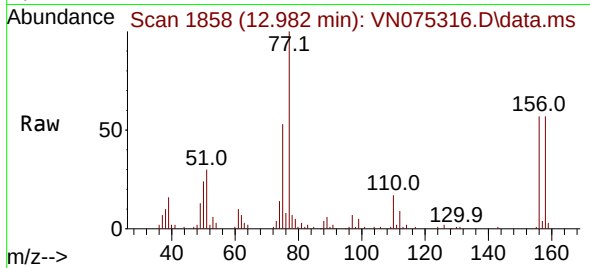
#77
Bromobenzene
Concen: 23.122 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:156 Resp: 3396
Ion Ratio Lower Upper
156 100
77 199.1 108.5 325.5
158 97.8 47.7 143.1

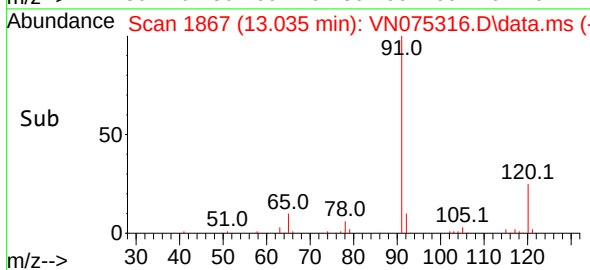
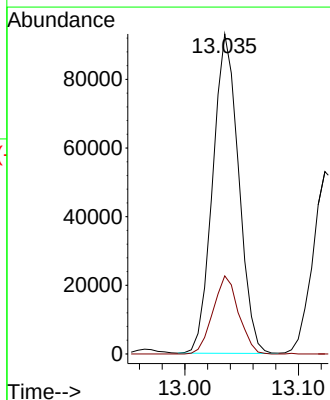
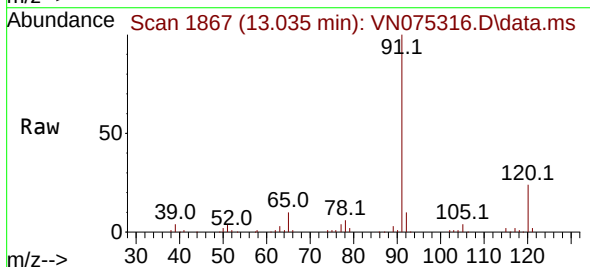
Manual Integrations
APPROVED

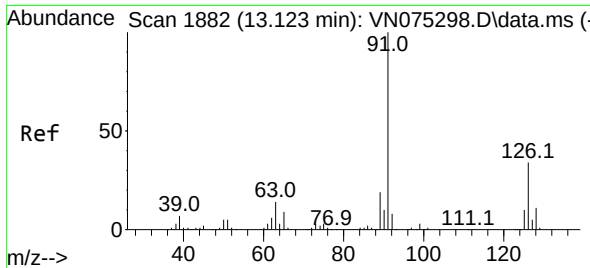
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#78
n-propylbenzene
Concen: 19.690 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 91 Resp: 147462
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





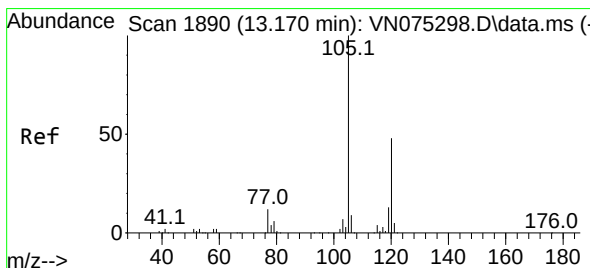
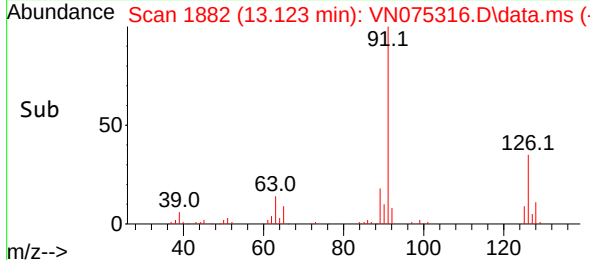
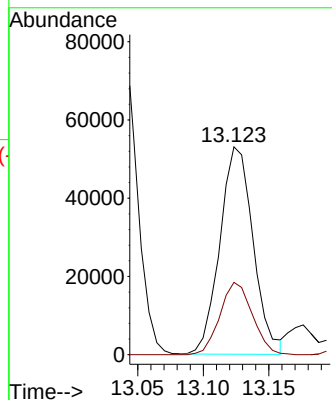
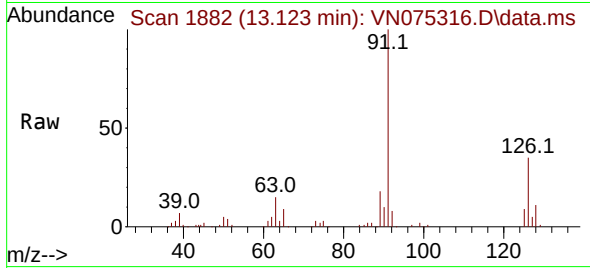
#79
2-Chlorotoluene
Concen: 20.485 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion: 91 Resp: 93748
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7

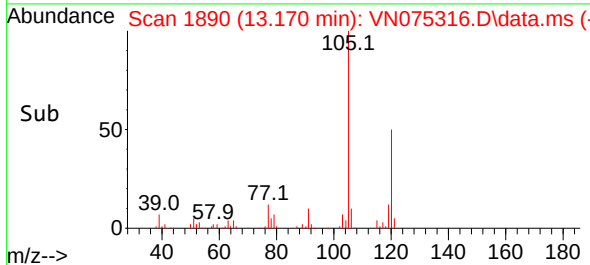
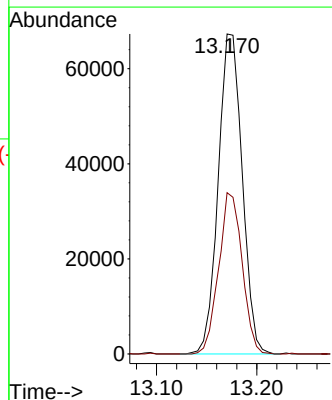
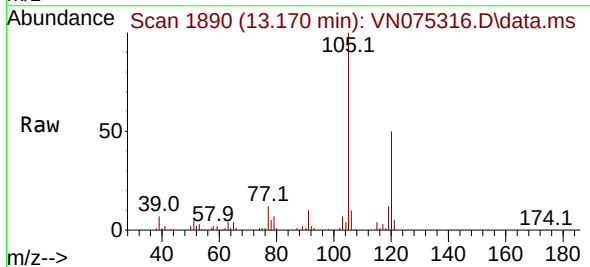
Manual Integrations
APPROVED

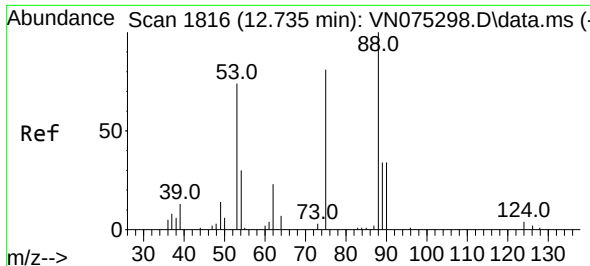
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.957 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

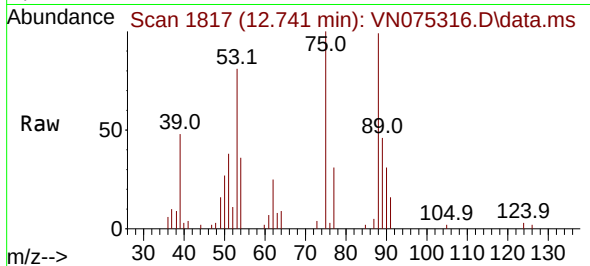
Tgt Ion:105 Resp: 111809
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.589 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

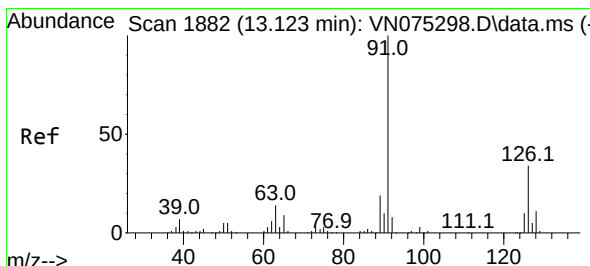
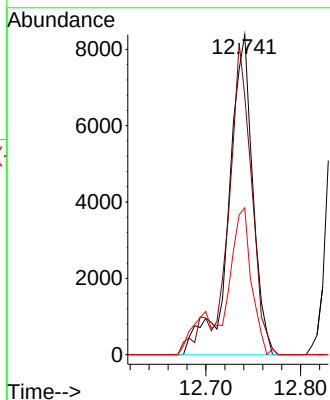
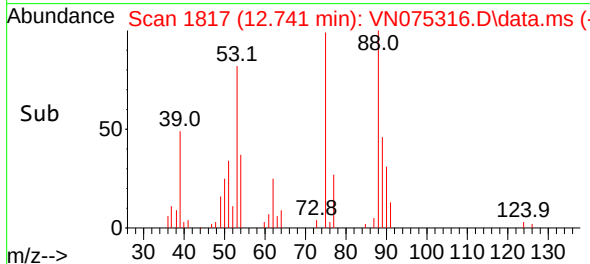
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



Tgt Ion: 75 Resp: 1483
Ion Ratio Lower Upper
75 100
53 95.9 78.5 117.7
89 37.6 37.7 56.5

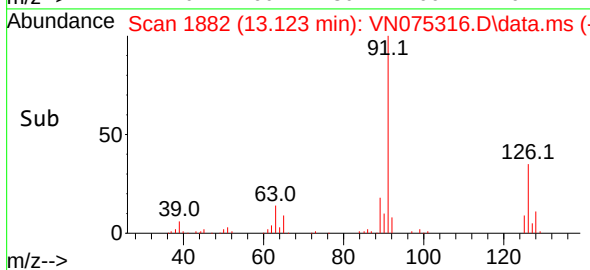
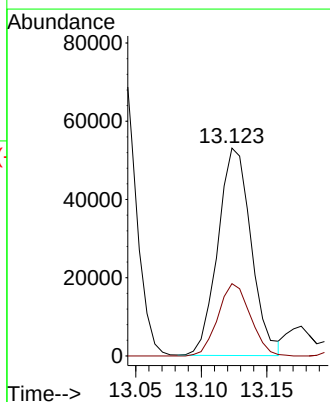
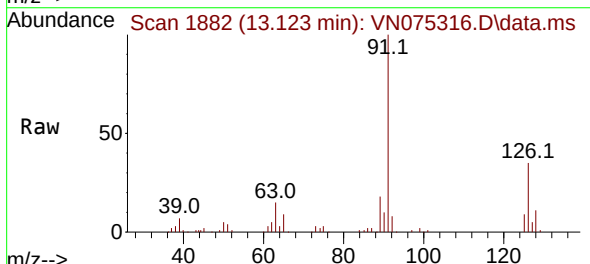
Manual Integrations
APPROVED

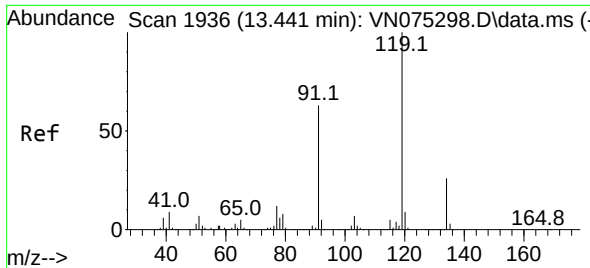
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#82
4-Chlorotoluene
Concen: 20.485 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 91 Resp: 93748
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





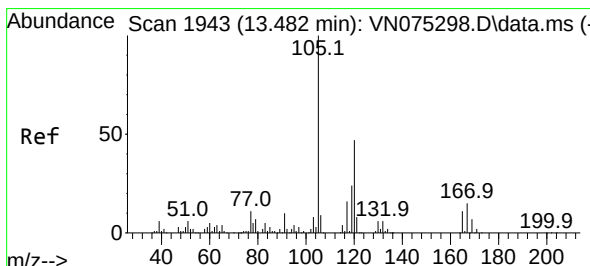
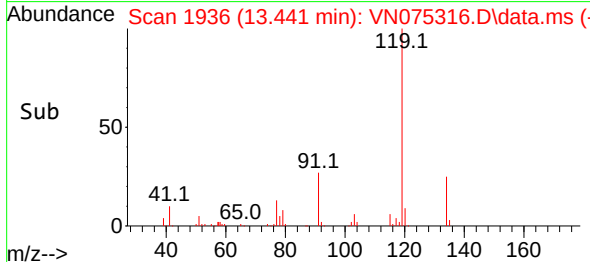
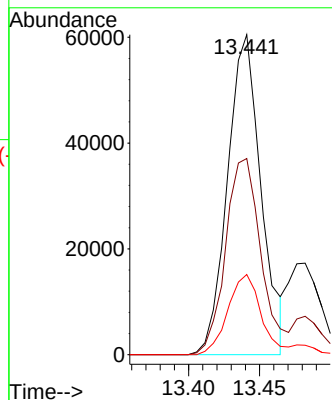
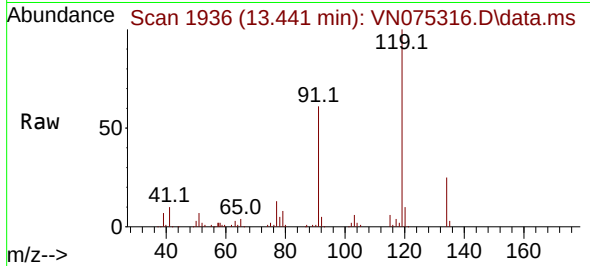
#83
tert-Butylbenzene
Concen: 19.949 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:119 Resp: 9931
Ion Ratio Lower Upper
119 100
91 65.2 32.8 98.4
134 24.9 12.3 36.9

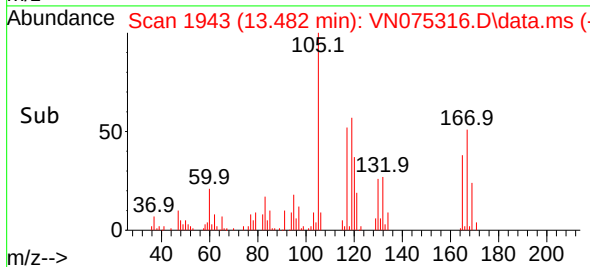
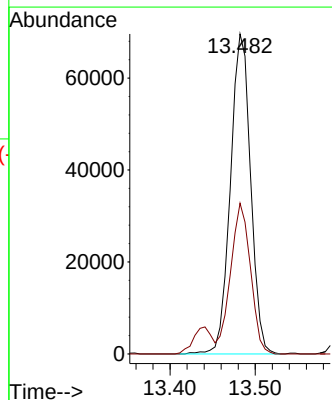
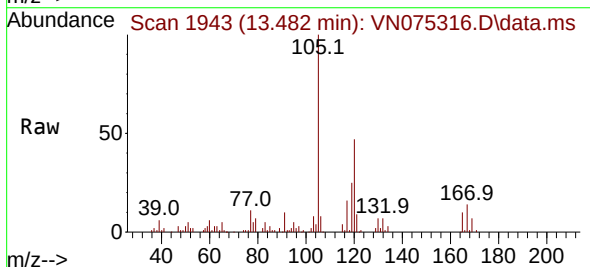
Manual Integrations
APPROVED

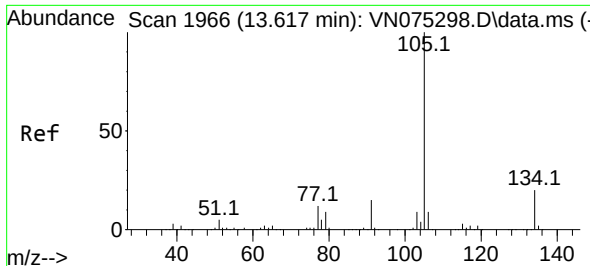
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.233 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

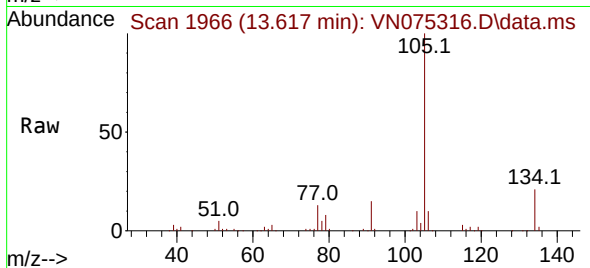
Tgt Ion:105 Resp: 114695
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.116 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

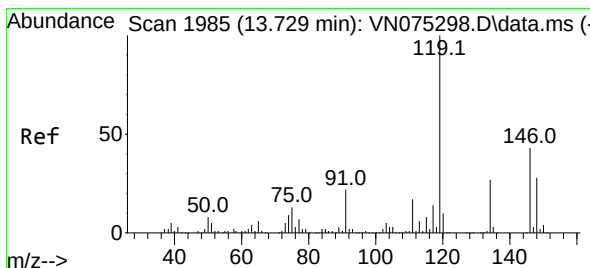
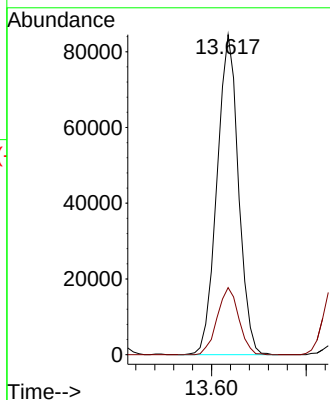
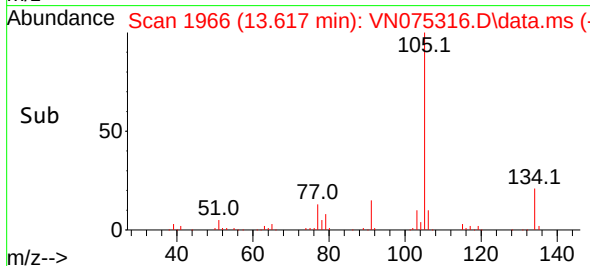
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01



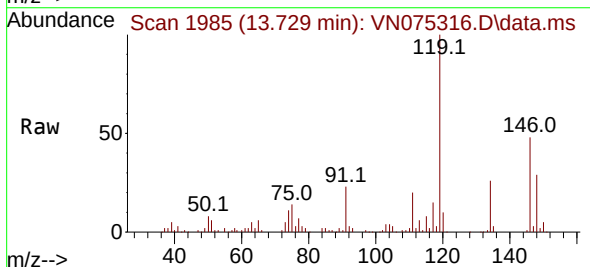
Tgt Ion:105 Resp: 133129
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

Manual Integrations
 APPROVED

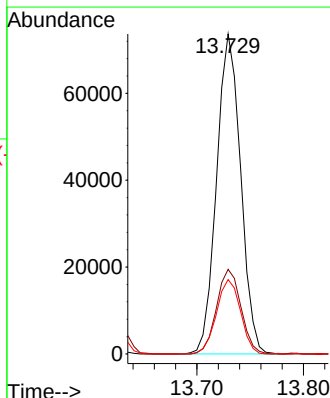
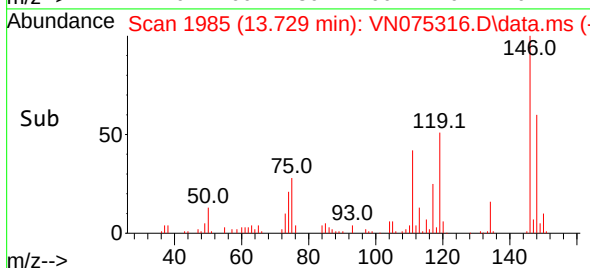
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

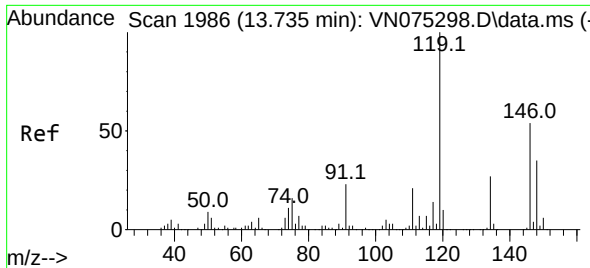


#86
 p-Isopropyltoluene
 Concen: 20.067 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41



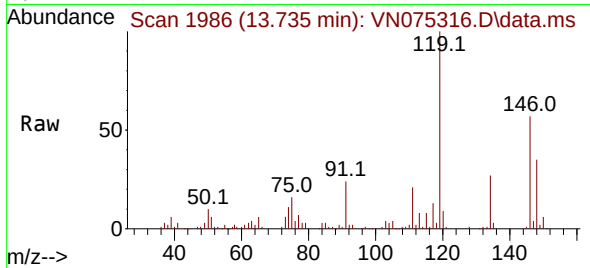
Tgt Ion:119 Resp: 115418
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 23.2 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 21.807 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41

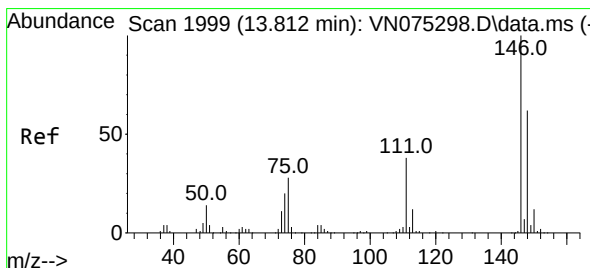
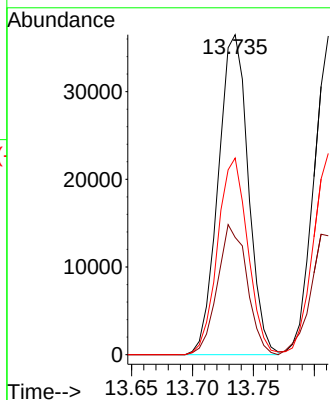
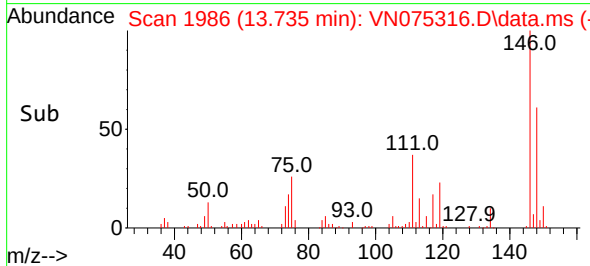
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01



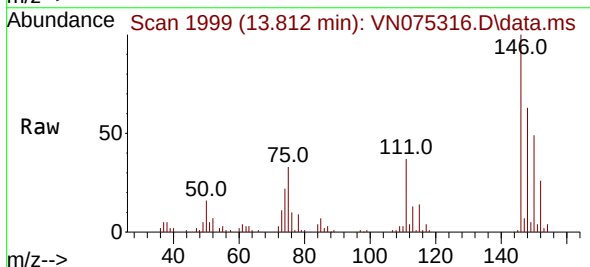
Tgt Ion:146 Resp: 62712
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.8 62.5
 148 61.6 31.1 93.5

Manual Integrations
 APPROVED

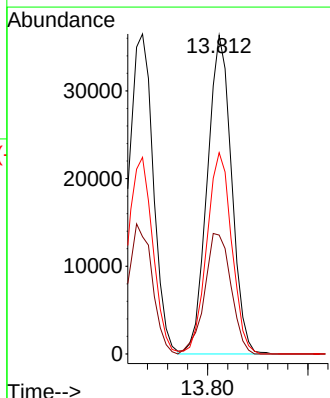
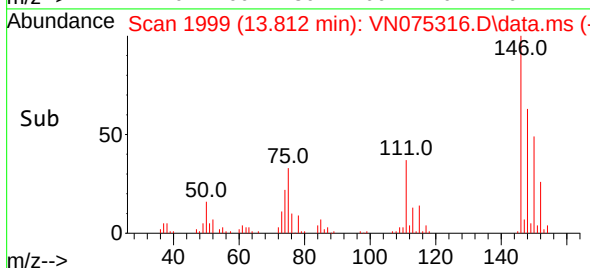
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

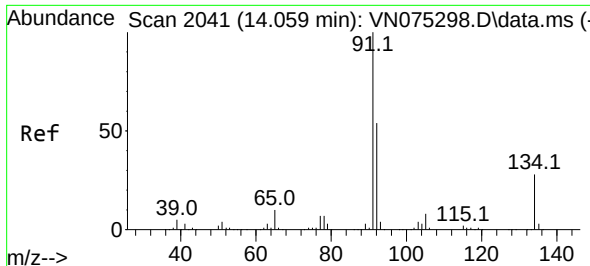


#88
 1,4-Dichlorobenzene
 Concen: 21.522 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075316.D
 Acq: 18 Nov 2022 16:41



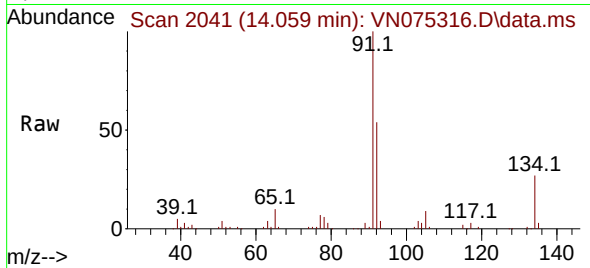
Tgt Ion:146 Resp: 61254
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.1 60.3
 148 64.9 31.9 95.7





#89
n-Butylbenzene
Concen: 19.901 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

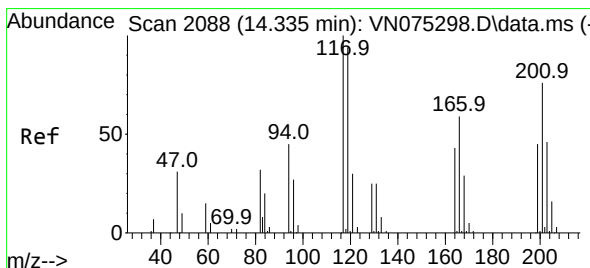
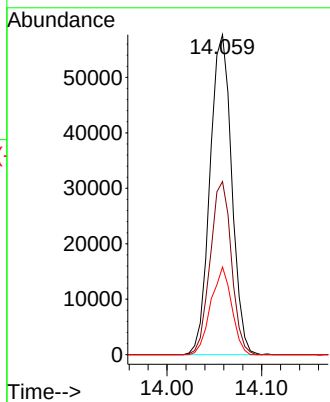
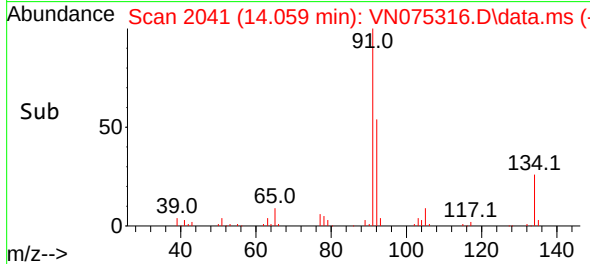
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



Tgt Ion: 91 Resp: 92172
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 26.3 13.0 39.0

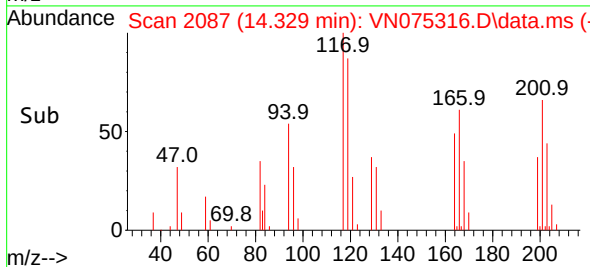
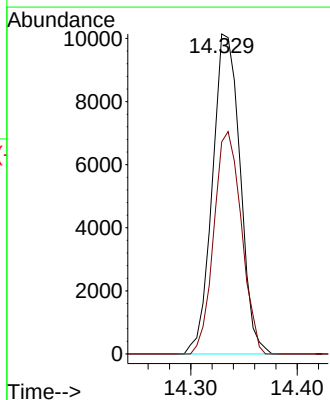
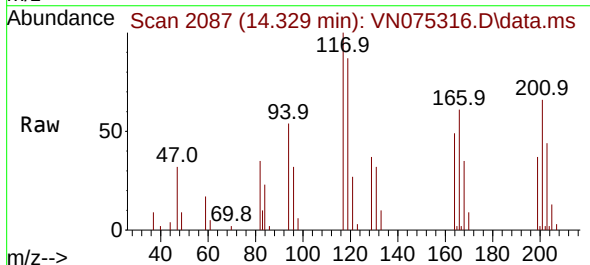
Manual Integrations
APPROVED

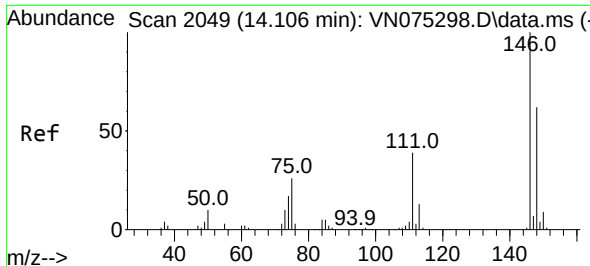
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#90
Hexachloroethane
Concen: 17.357 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion:117 Resp: 18304
Ion Ratio Lower Upper
117 100
201 69.2 31.5 94.5





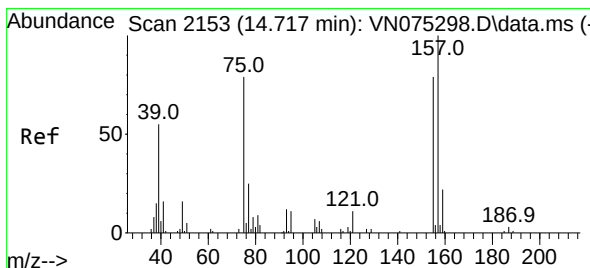
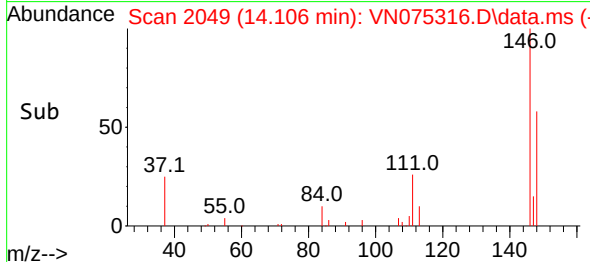
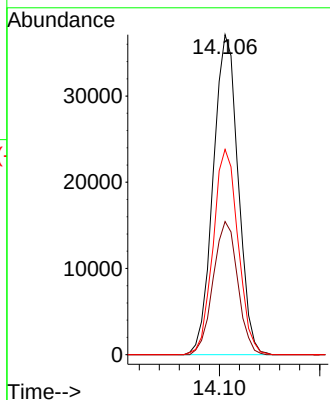
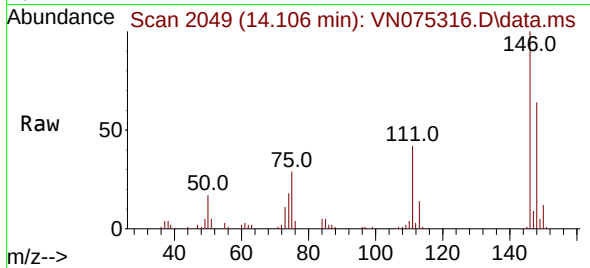
#91
1,2-Dichlorobenzene
Concen: 22.400 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01

Tgt Ion:146 Resp: 64040
Ion Ratio Lower Upper
146 100
111 41.0 21.3 63.9
148 64.3 31.4 94.2

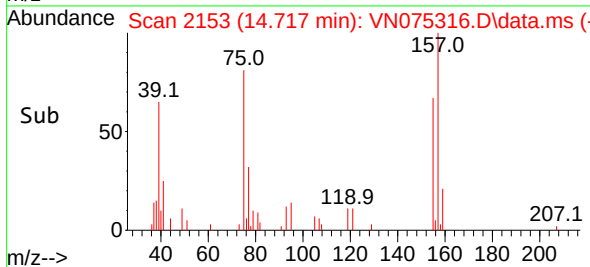
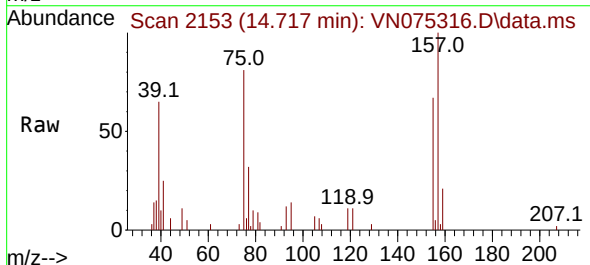
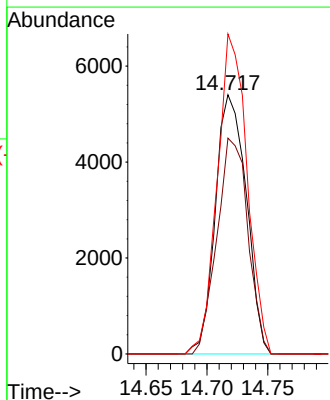
Manual Integrations
APPROVED

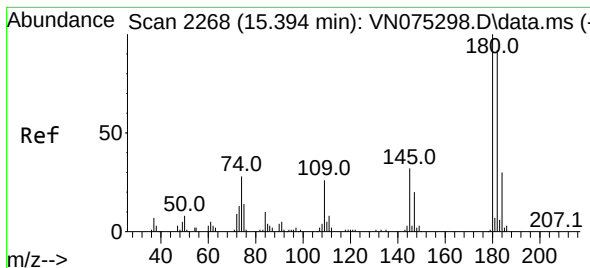
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.229 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

Tgt Ion: 75 Resp: 9552
Ion Ratio Lower Upper
75 100
155 83.3 42.1 126.3
157 118.9 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 23.550 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN1118MBS01

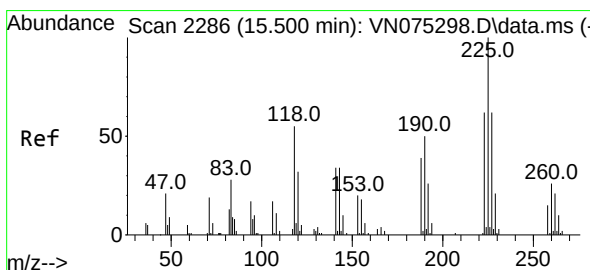
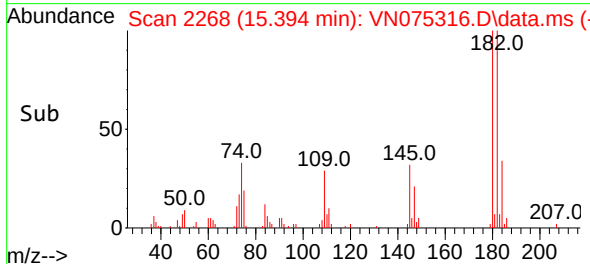
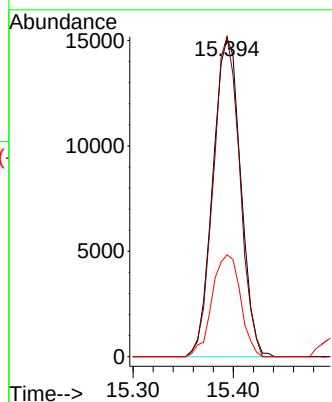
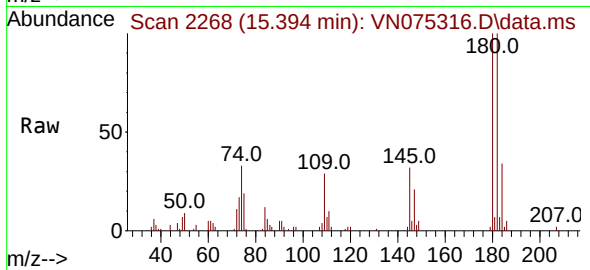
Tgt Ion:180	Resp:	2897
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.8 143.4
145	32.8	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#94

Hexachlorobutadiene

Concen: 24.477 ug/l

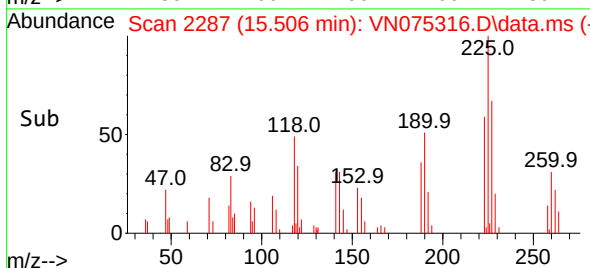
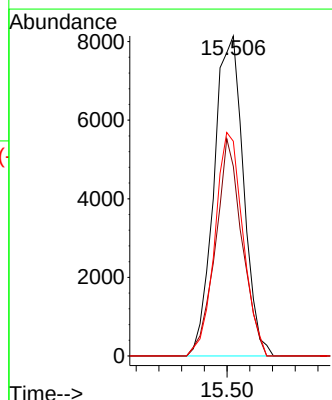
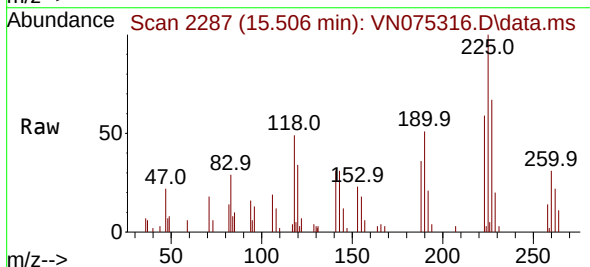
RT: 15.506 min Scan# 2287

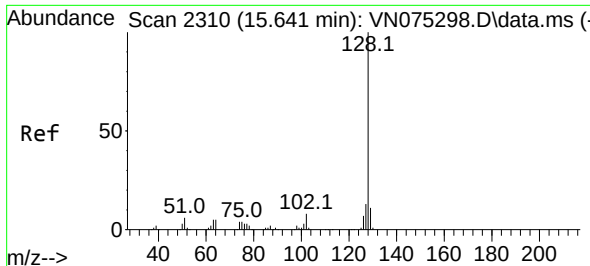
Delta R.T. 0.005 min

Lab File: VN075316.D

Acq: 18 Nov 2022 16:41

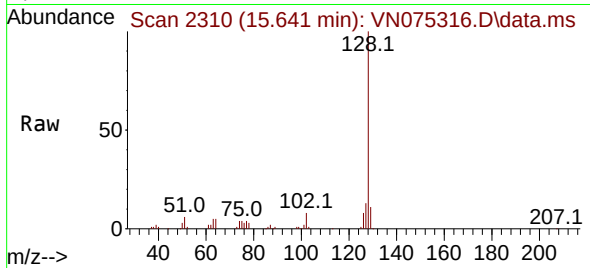
Tgt Ion:225	Resp:	14680
Ion Ratio	Lower	Upper
225	100	
223	61.2	32.3 96.9
227	66.6	32.0 96.2





#95
Naphthalene
Concen: 22.591 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41

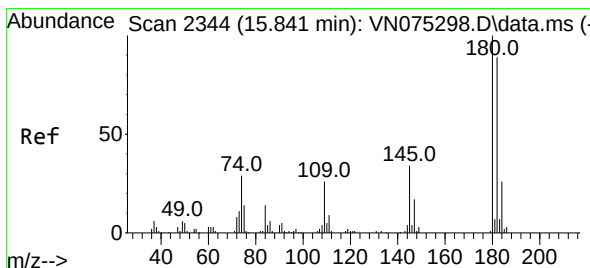
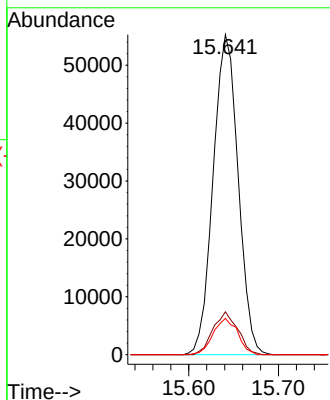
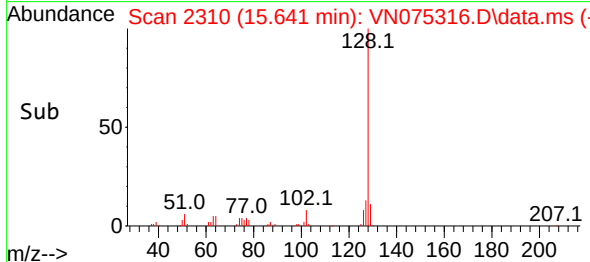
Instrument :
MSVOA_N
ClientSampleId :
VN1118MBS01



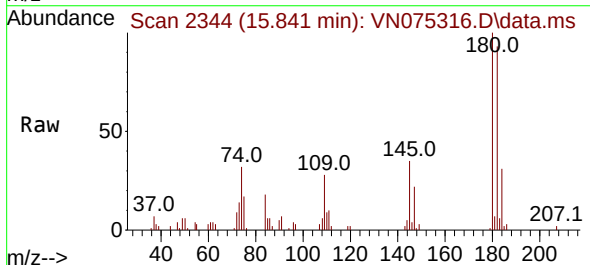
Tgt Ion:128 Resp: 10687
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 24.740 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075316.D
Acq: 18 Nov 2022 16:41



Tgt Ion:180 Resp: 30242
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.8
145 33.7 17.6 52.9

