

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080316.D
 Acq On : 01 Dec 2023 11:48
 Operator : JC\MD
 Sample : VN1201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2023
 Supervised By : Semsettin Yesilyurt 12/04/2023

Quant Time: Dec 01 22:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	201096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167352	50.401	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	8.165	113	121288	53.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.571	98	418805	50.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.847	95	160245	51.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59497	19.862	ug/l	99
3) Chloromethane	2.365	50	40268	17.880	ug/l	92
4) Vinyl Chloride	2.518	62	44796	18.796	ug/l	96
5) Bromomethane	2.959	94	32048	19.808	ug/l	96
6) Chloroethane	3.124	64	29985	19.261	ug/l #	88
7) Trichlorofluoromethane	3.506	101	100569	20.228	ug/l	98
8) Diethyl Ether	3.959	74	26837	18.561	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	45447	19.999	ug/l	93
10) Methyl Iodide	4.594	142	48419	19.716	ug/l #	85
11) Tert butyl alcohol	5.506	59	32519	89.058	ug/l	98
12) 1,1-Dichloroethene	4.347	96	42052	19.785	ug/l	85
13) Acrolein	4.177	56	25694	79.512	ug/l	95
14) Allyl chloride	5.024	41	46512	17.393	ug/l #	88
15) Acrylonitrile	5.718	53	88782	90.572	ug/l	98
16) Acetone	4.424	43	83981	75.303	ug/l	93
17) Carbon Disulfide	4.712	76	115094	18.136	ug/l	100
18) Methyl Acetate	5.024	43	60150	16.786	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	150076	19.994	ug/l	98
20) Methylene Chloride	5.277	84	49240	21.083	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	45085	19.309	ug/l #	79
22) Diisopropyl ether	6.671	45	117068	19.787	ug/l	99
23) Vinyl Acetate	6.606	43	327761	92.150	ug/l	93
24) 1,1-Dichloroethane	6.571	63	82117	19.057	ug/l	98
25) 2-Butanone	7.483	43	101413	76.536	ug/l	90
26) 2,2-Dichloropropane	7.488	77	82711	19.347	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	51727	19.540	ug/l	87
28) Bromochloromethane	7.818	49	32935	19.442	ug/l	98
29) Tetrahydrofuran	7.841	42	63448	89.190	ug/l	94
30) Chloroform	7.971	83	99182	20.593	ug/l	92
31) Cyclohexane	8.259	56	65591	18.164	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	96437	20.532	ug/l	98
36) 1,1-Dichloropropene	8.371	75	67922	20.563	ug/l	95
37) Ethyl Acetate	7.559	43	42891	18.720	ug/l	98
38) Carbon Tetrachloride	8.365	117	91391	21.803	ug/l	93
39) Methylcyclohexane	9.606	83	59494	18.680	ug/l	95
40) Benzene	8.606	78	193057	20.564	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23779	18.899	ug/l #	93
42) 1,2-Dichloroethane	8.671	62	84790	22.076	ug/l	95
43) Isopropyl Acetate	8.688	43	73377	16.457	ug/l	96
44) Trichloroethene	9.353	130	52769	21.428	ug/l	96
45) 1,2-Dichloropropane	9.624	63	45413	20.816	ug/l	98
46) Dibromomethane	9.712	93	35836	21.700	ug/l	93
47) Bromodichloromethane	9.888	83	77433	21.315	ug/l	95
48) Methyl methacrylate	9.682	41	42559	18.523	ug/l	94
49) 1,4-Dioxane	9.700	88	13164	344.385	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	214889	93.093	ug/l	98
52) Toluene	10.629	92	124808	21.243	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75458	20.217	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	80384	21.081	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	47394	21.136	ug/l	98
56) Ethyl methacrylate	10.876	69	46475	20.288	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	82009	20.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	111659	86.520	ug/l	100
59) 2-Hexanone	11.200	43	157854	85.103	ug/l	97
60) Dibromochloromethane	11.359	129	59598	22.200	ug/l	97
61) 1,2-Dibromoethane	11.471	107	47386	20.714	ug/l	96
64) Tetrachloroethene	11.106	164	55719	25.802	ug/l	94
65) Chlorobenzene	11.894	112	129616	20.216	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	54322	21.832	ug/l	93
67) Ethyl Benzene	11.965	91	232939	20.417	ug/l	90
68) m/p-Xylenes	12.070	106	174136	41.861	ug/l	91
69) o-Xylene	12.400	106	82693	21.093	ug/l	88
70) Styrene	12.412	104	124698	21.371	ug/l	95
71) Bromoform	12.576	173	38804	21.030	ug/l #	98
73) Isopropylbenzene	12.694	105	217493	20.224	ug/l	97
74) N-amyl acetate	12.494	43	56546	16.861	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	56554	17.570	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58581m	17.276	ug/l	
77) Bromobenzene	12.982	156	55338	20.409	ug/l	94
78) n-propylbenzene	13.035	91	235446	19.578	ug/l	99
79) 2-Chlorotoluene	13.123	91	156321	20.014	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	189293	20.220	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	17889m	17.824	ug/l	
82) 4-Chlorotoluene	13.223	91	159044	19.876	ug/l	96
83) tert-Butylbenzene	13.441	119	147336	19.625	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	190220	20.635	ug/l	96
85) sec-Butylbenzene	13.617	105	185023	19.482	ug/l	98
86) p-Isopropyltoluene	13.729	119	168101	19.814	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	93804	19.202	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	94546	19.259	ug/l	98
89) n-Butylbenzene	14.059	91	131219	18.479	ug/l	99
90) Hexachloroethane	14.335	117	31994	19.344	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	91663	19.608	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12656	16.928	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	46296	17.028	ug/l	98
94) Hexachlorobutadiene	15.506	225	28581	18.267	ug/l	99
95) Naphthalene	15.641	128	118785	15.066	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45290	17.772	ug/l	99

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QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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

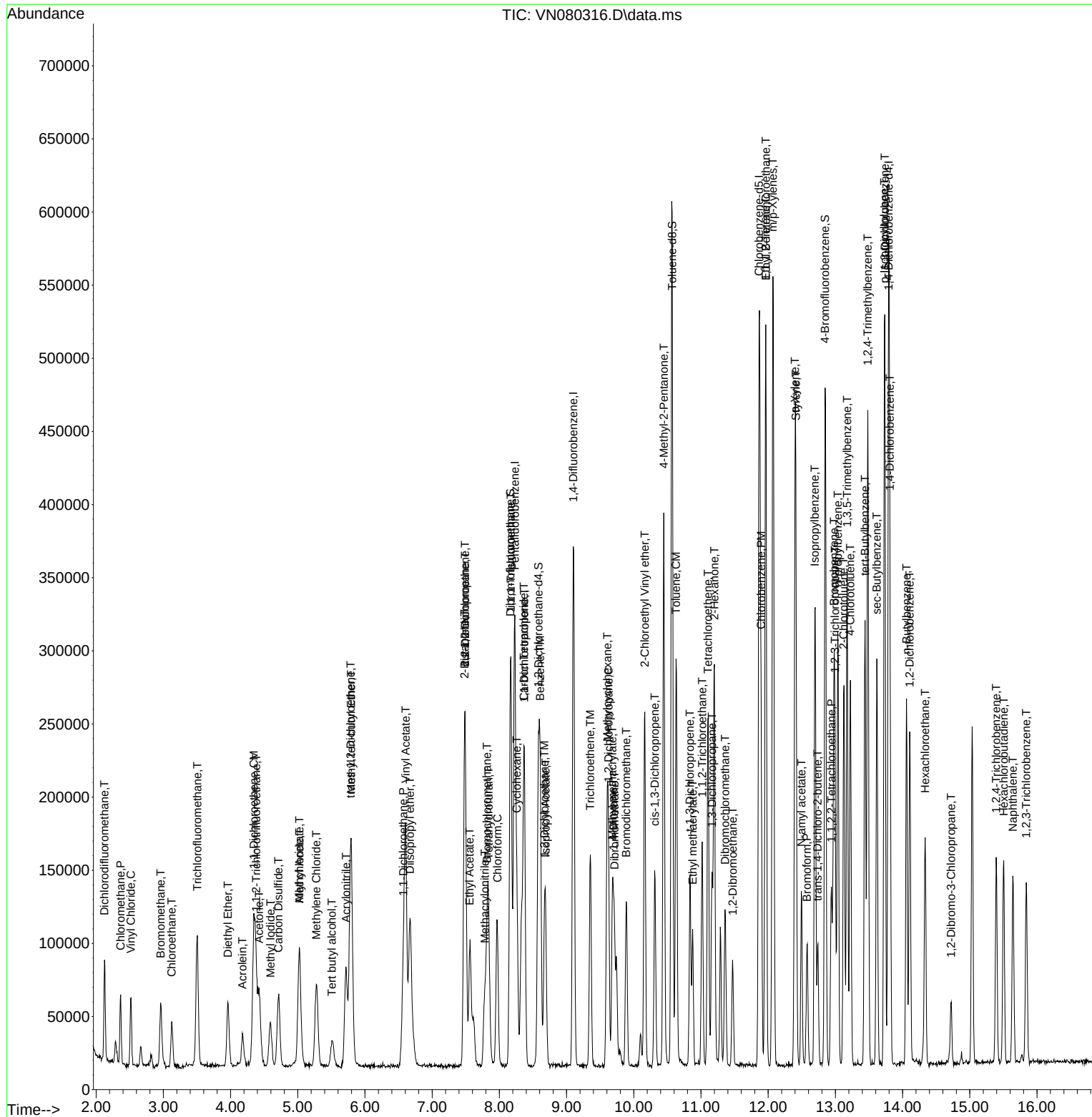
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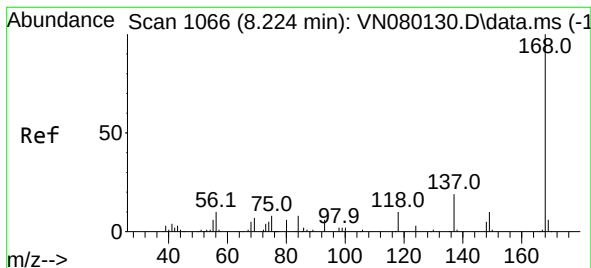
Instrument :
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ClientSampleId :
VN1201WBSD01

Manual Integrations
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Quant Time: Dec 01 22:32:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N11623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration





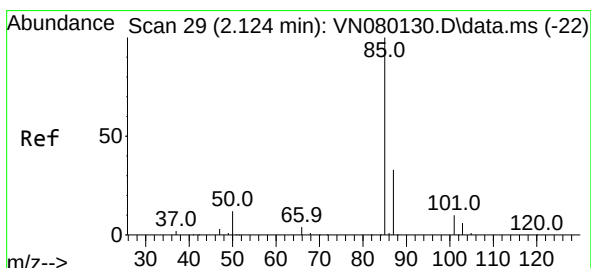
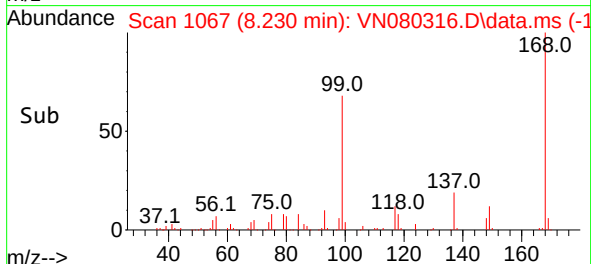
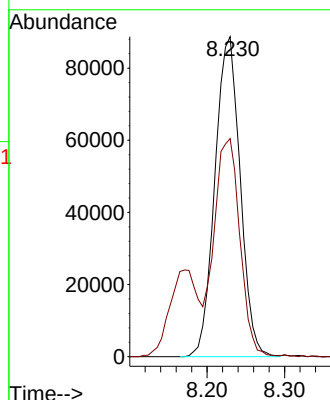
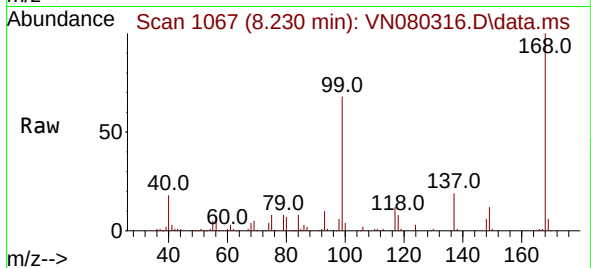
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080316.D
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Tgt Ion:168 Resp: 201090
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6

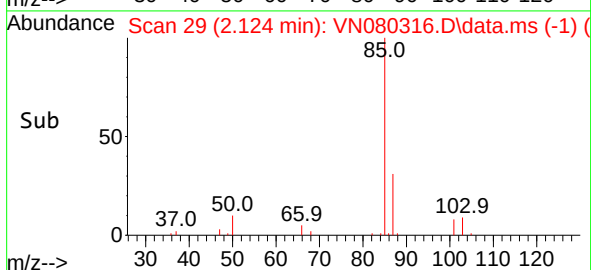
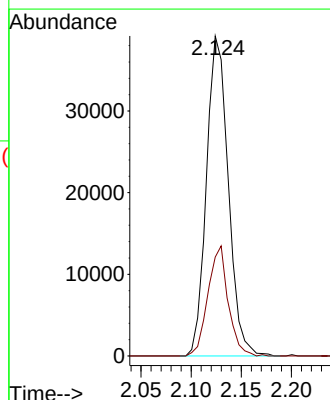
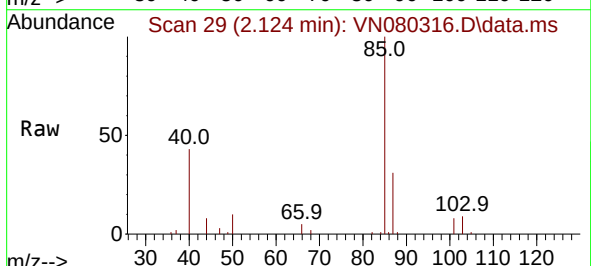
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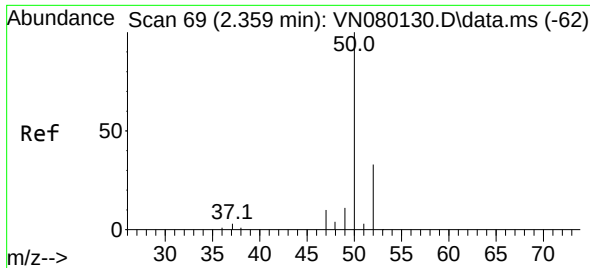
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#2
Dichlorodifluoromethane
Concen: 19.862 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion: 85 Resp: 59497
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





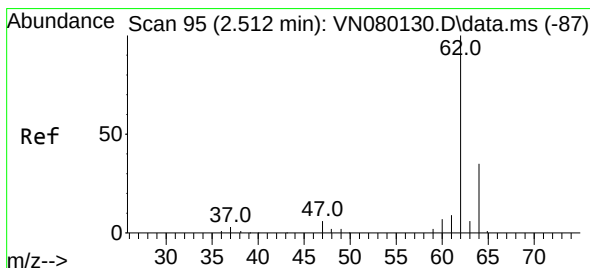
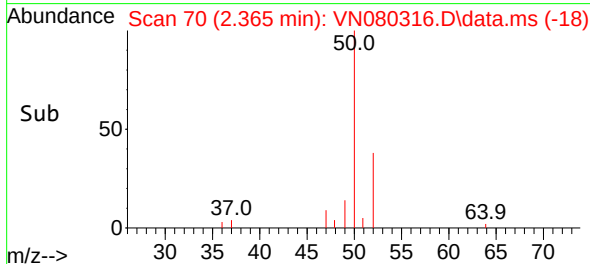
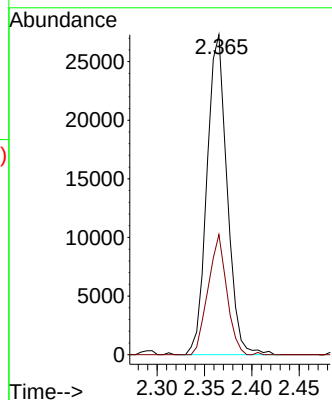
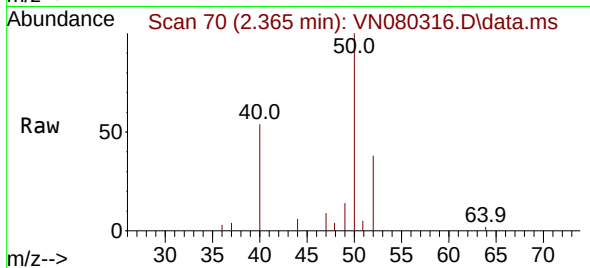
#3
Chloromethane
Concen: 17.880 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 40268
Ion Ratio Lower Upper
50 100
52 37.5 26.5 39.7

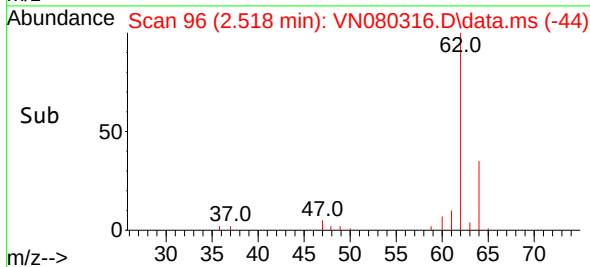
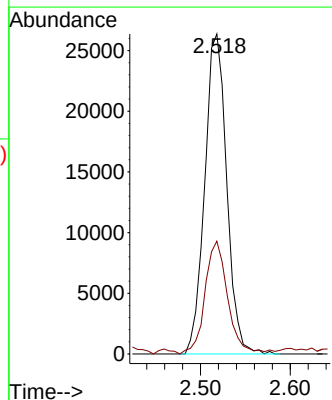
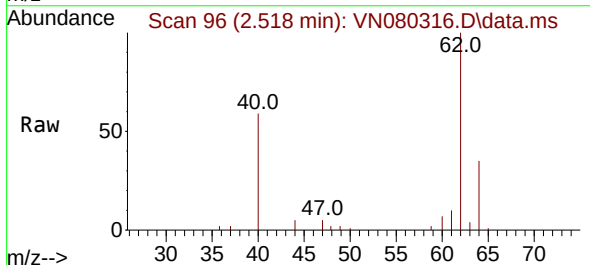
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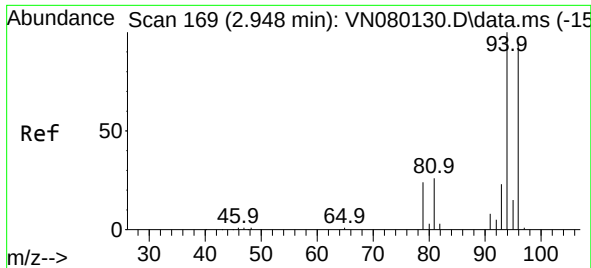
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#4
Vinyl Chloride
Concen: 18.796 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion: 62 Resp: 44796
Ion Ratio Lower Upper
62 100
64 35.2 26.2 39.2





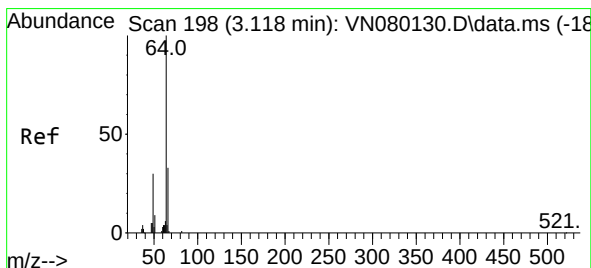
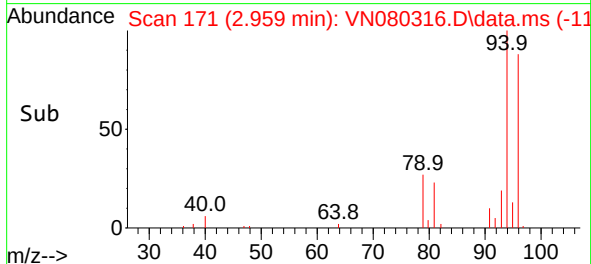
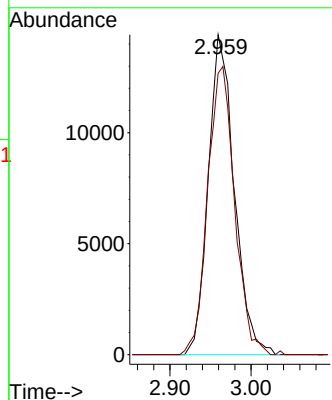
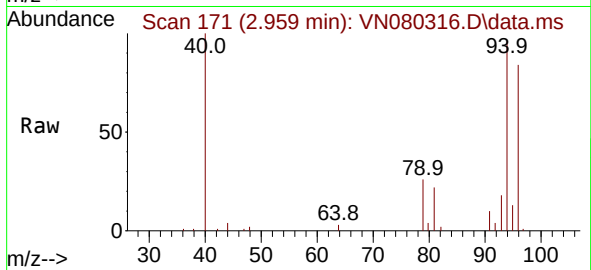
#5
Bromomethane
Concen: 19.808 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

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Tgt Ion: 94 Resp: 32048
Ion Ratio Lower Upper
94 100
96 88.0 73.1 109.7

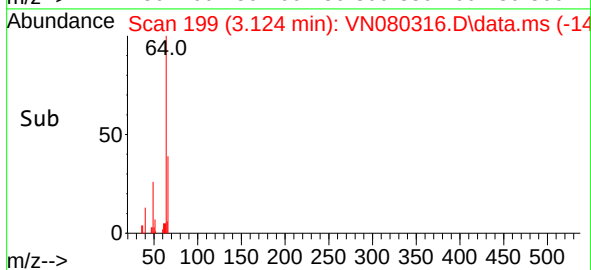
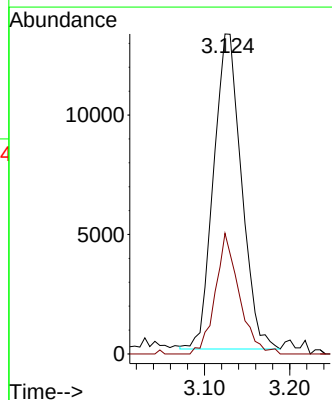
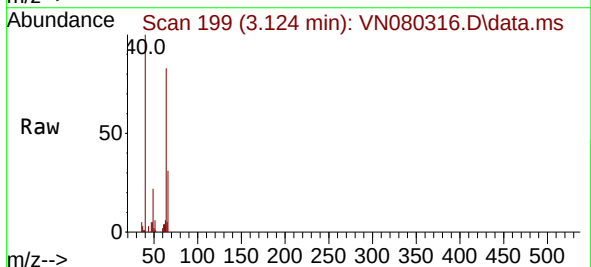
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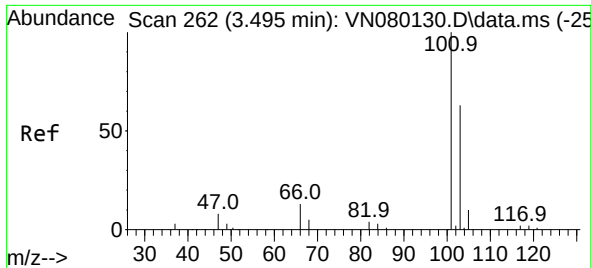
Reviewed By :John Carlone 12/04/2023
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#6
Chloroethane
Concen: 19.261 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080316.D
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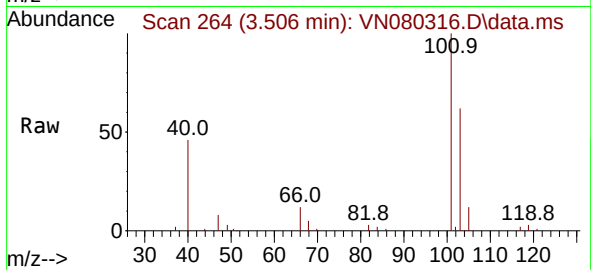
Tgt Ion: 64 Resp: 29985
Ion Ratio Lower Upper
64 100
66 38.3 25.4 38.2#





#7
Trichlorofluoromethane
Concen: 20.228 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.012 min
Lab File: VN080316.D
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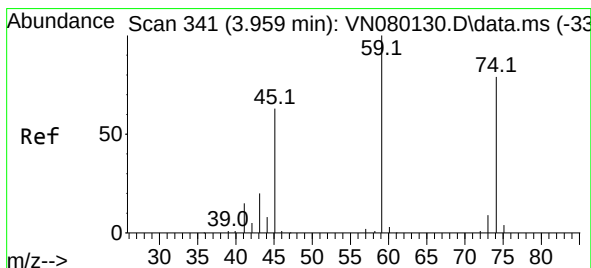
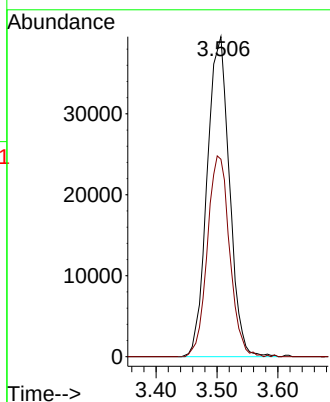
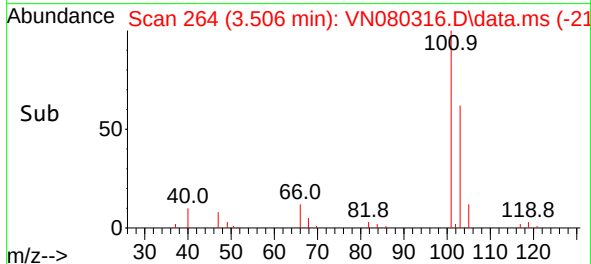
Instrument :
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Tgt Ion:101 Resp: 100569
Ion Ratio Lower Upper
101 100
103 61.7 50.7 76.1

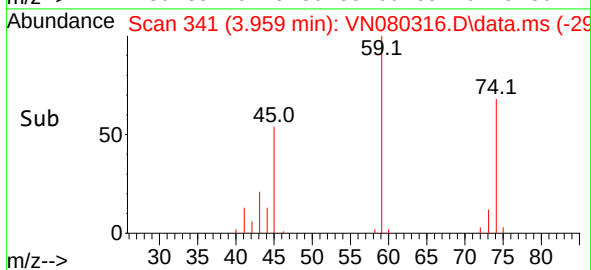
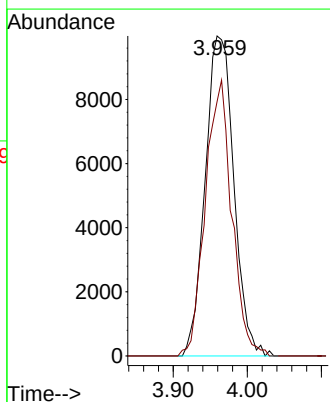
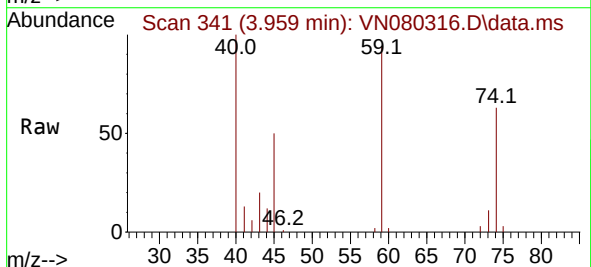
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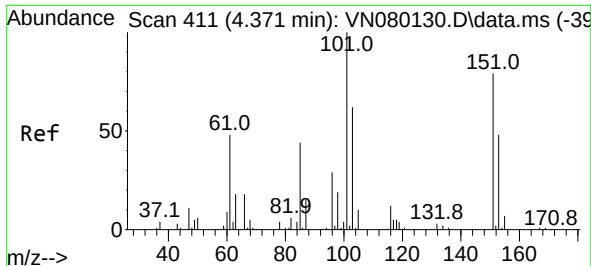
Reviewed By :John Carlone 12/04/2023
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#8
Diethyl Ether
Concen: 18.561 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080316.D
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Tgt Ion: 74 Resp: 26837
Ion Ratio Lower Upper
74 100
45 79.5 34.4 103.3





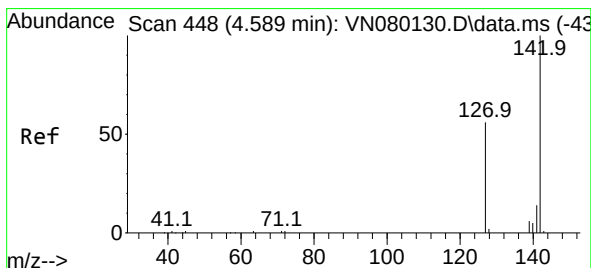
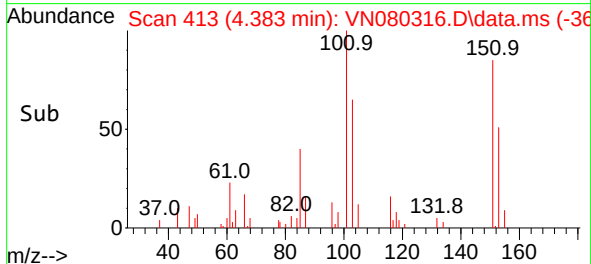
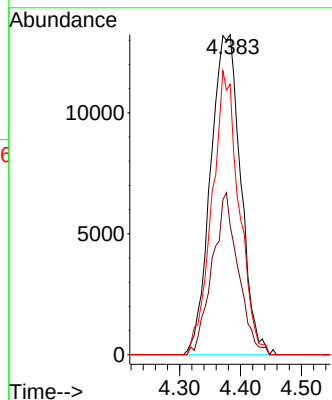
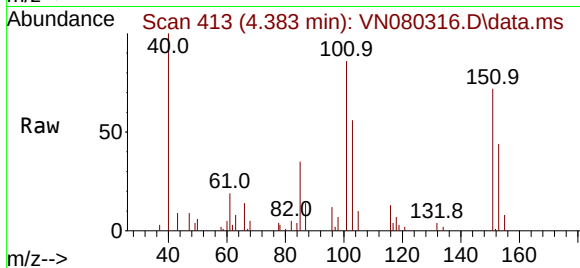
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.999 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:101 Resp: 4544
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 80.0 57.6 86.4

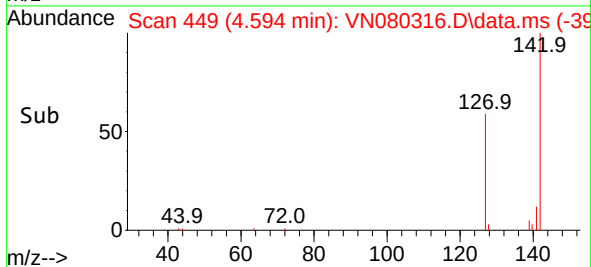
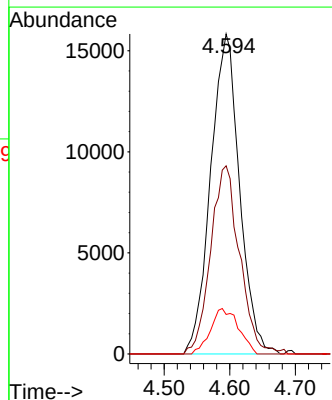
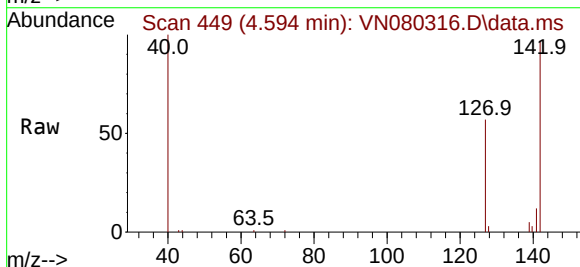
Manual Integrations
APPROVED

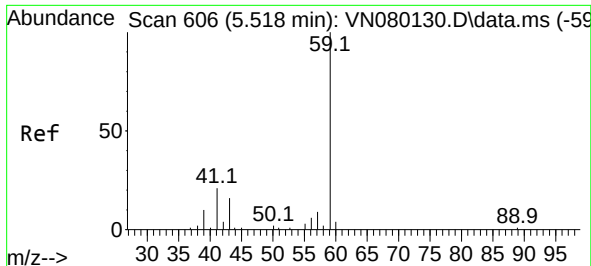
Reviewed By :John Carbone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#10
Methyl Iodide
Concen: 19.716 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion:142 Resp: 48419
Ion Ratio Lower Upper
142 100
127 58.8 37.6 56.4#
141 12.3 11.4 17.0





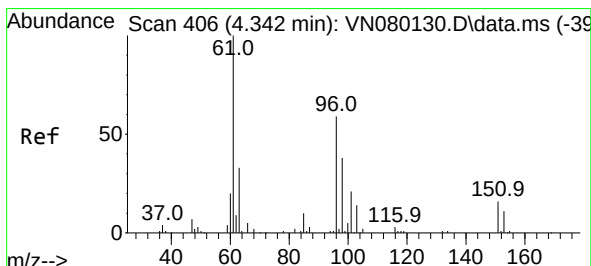
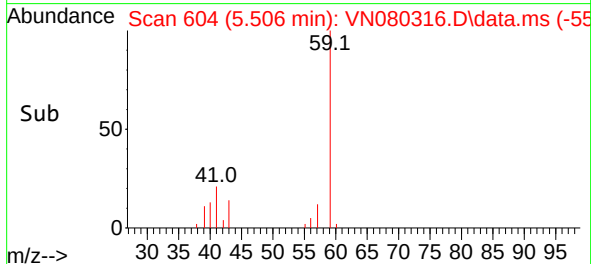
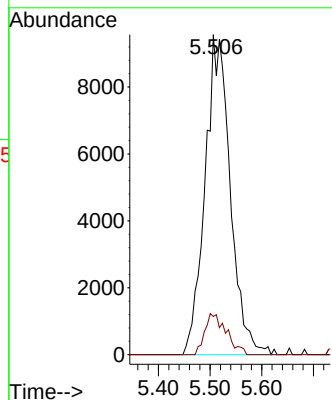
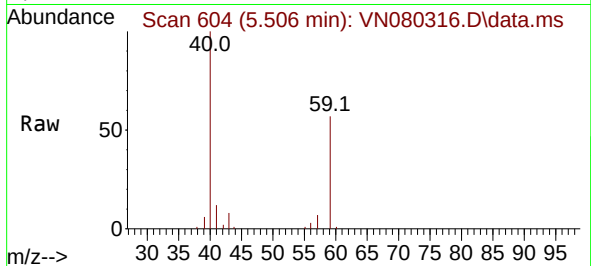
#11
Tert butyl alcohol
Concen: 89.058 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 59 Resp: 32519
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

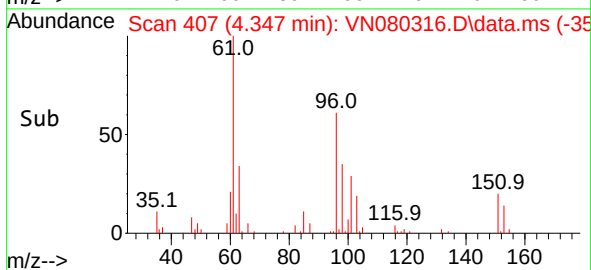
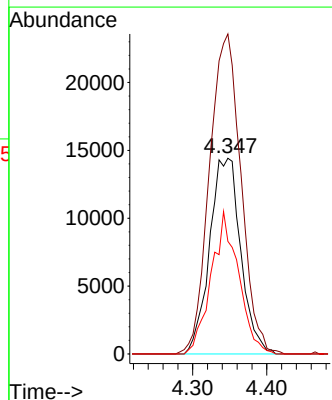
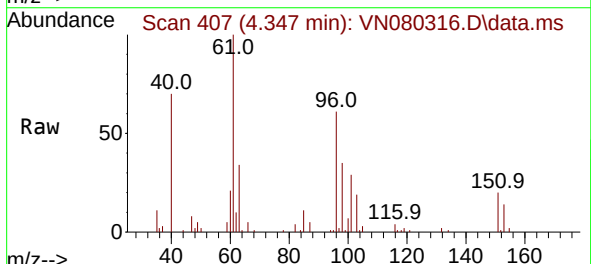
Manual Integrations
APPROVED

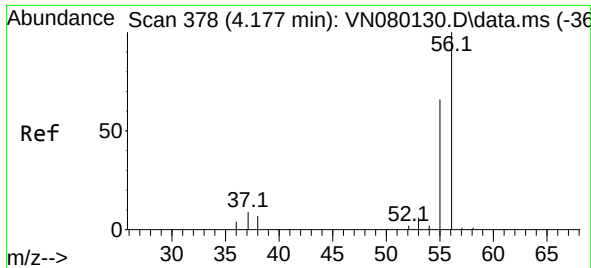
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#12
1,1-Dichloroethene
Concen: 19.785 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion: 96 Resp: 42052
Ion Ratio Lower Upper
96 100
61 162.5 112.7 169.1
98 57.5 51.2 76.8





#13

Acrolein

Concen: 79.512 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

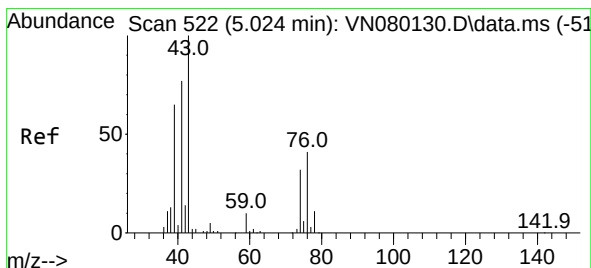
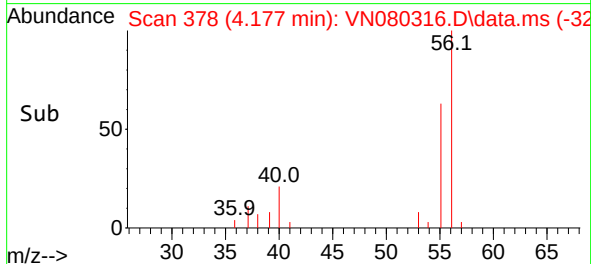
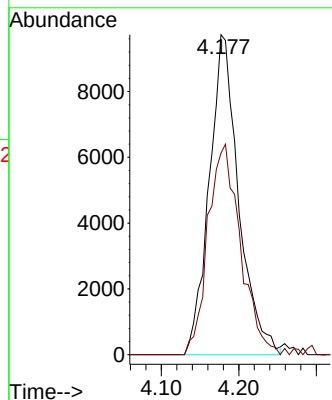
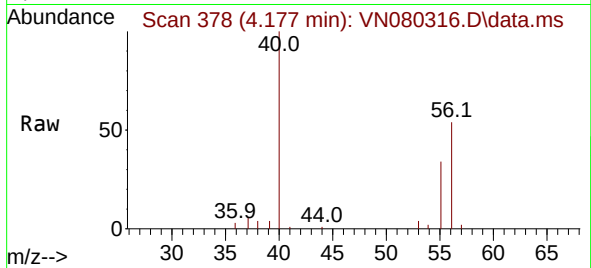
VN1201WBSD01

Tgt Ion: 56 Resp: 25694
 Ion Ratio Lower Upper
 56 100
 55 72.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#14

Allyl chloride

Concen: 17.393 ug/l

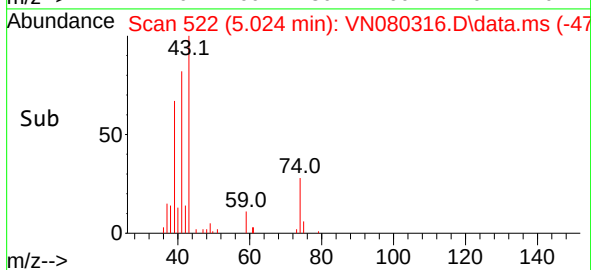
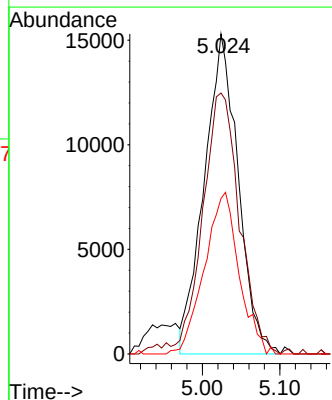
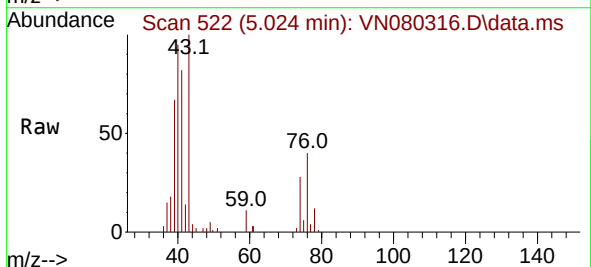
RT: 5.024 min Scan# 522

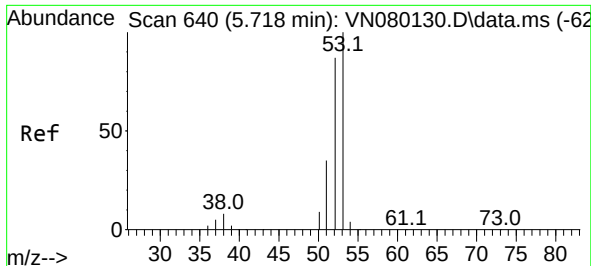
Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

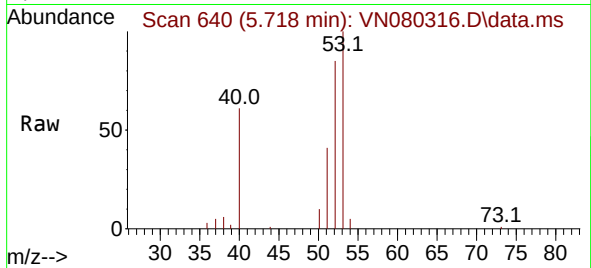
Tgt Ion: 41 Resp: 46512
 Ion Ratio Lower Upper
 41 100
 39 88.3 58.8 88.2#
 76 51.6 39.1 58.7





#15
Acrylonitrile
Concen: 90.572 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

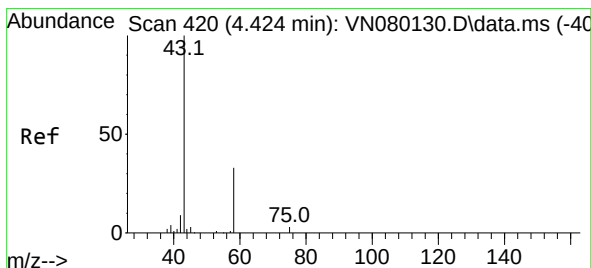
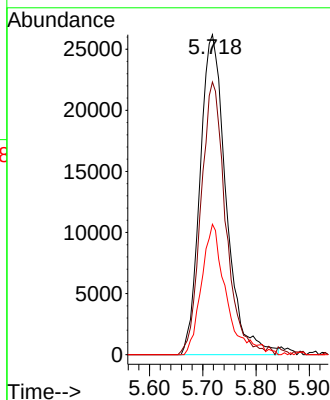
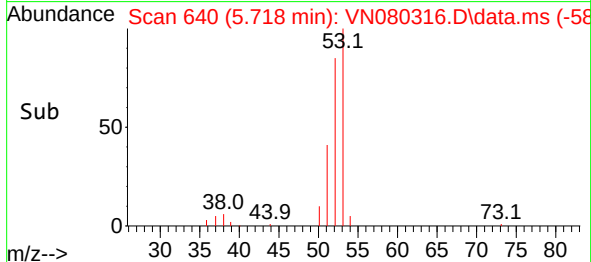
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 53 Resp: 8878
Ion Ratio Lower Upper
53 100
52 80.5 65.3 97.9
51 38.8 28.9 43.3

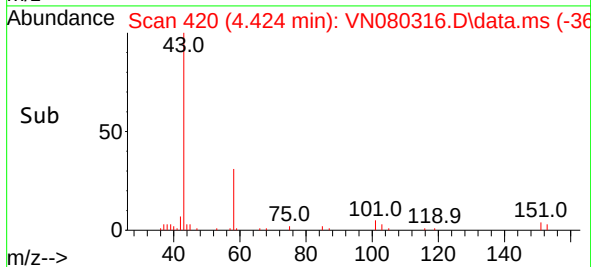
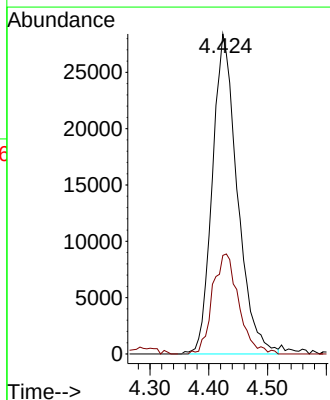
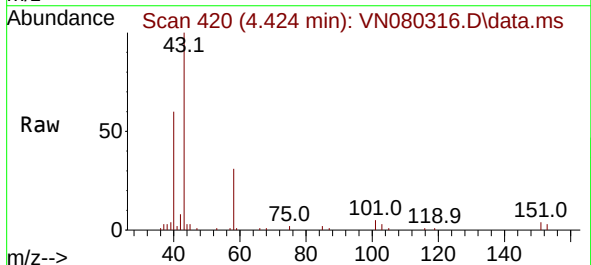
Manual Integrations
APPROVED

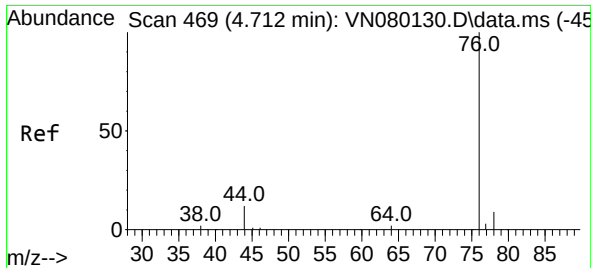
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#16
Acetone
Concen: 75.303 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

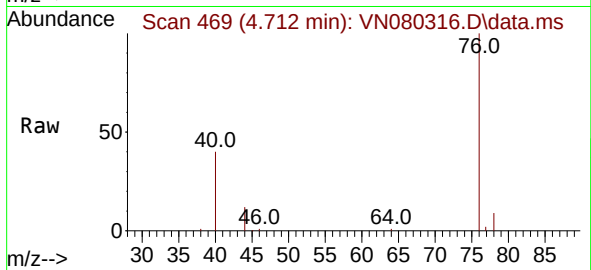
Tgt Ion: 43 Resp: 83981
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





#17
Carbon Disulfide
Concen: 18.136 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

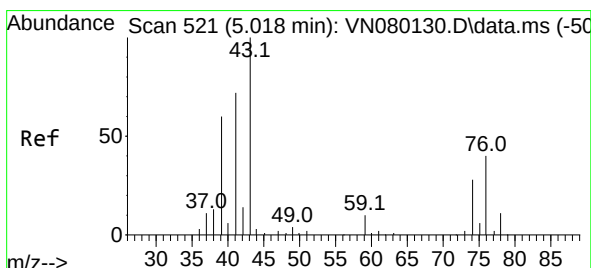
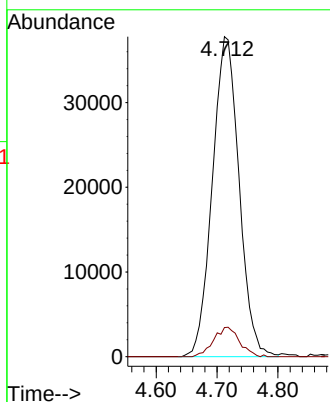
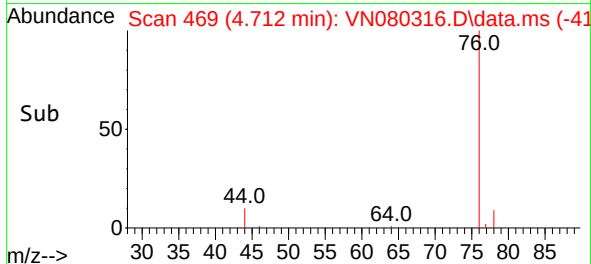
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



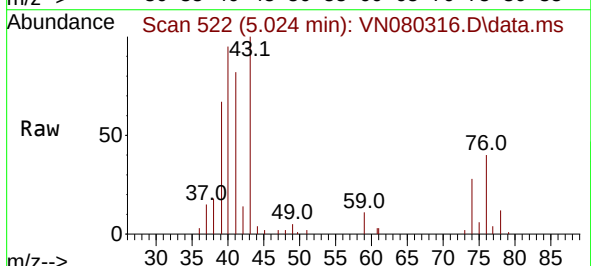
Tgt Ion: 76 Resp: 115094
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

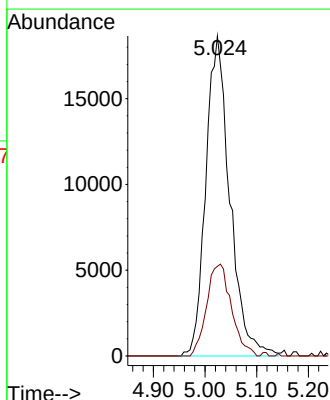
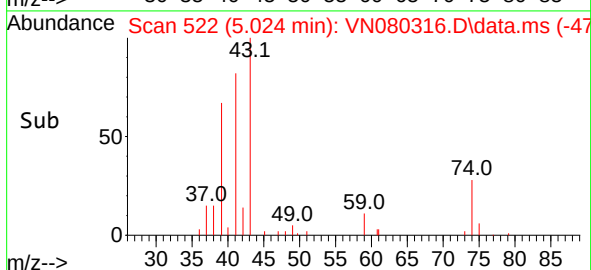
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

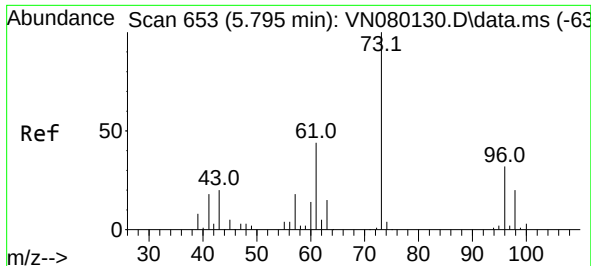


#18
Methyl Acetate
Concen: 16.786 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion: 43 Resp: 60150
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





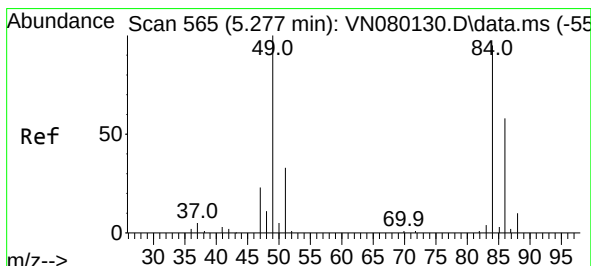
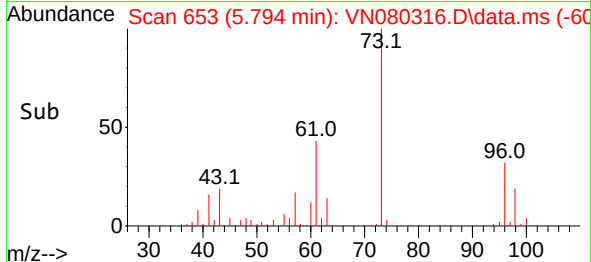
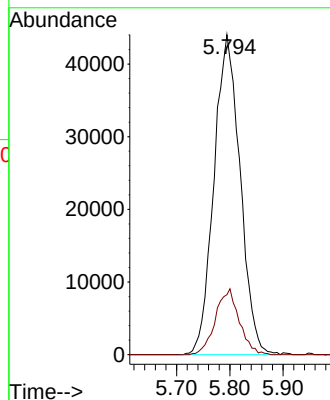
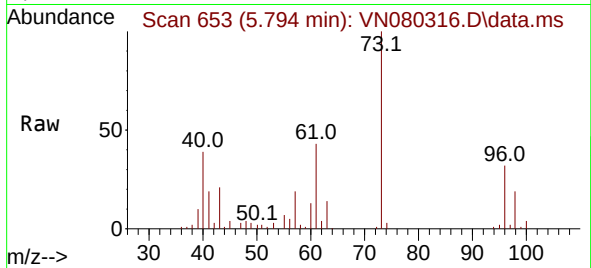
#19
Methyl tert-butyl Ether
Concen: 19.994 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 73 Resp: 150070
Ion Ratio Lower Upper
73 100
57 18.7 15.6 23.4

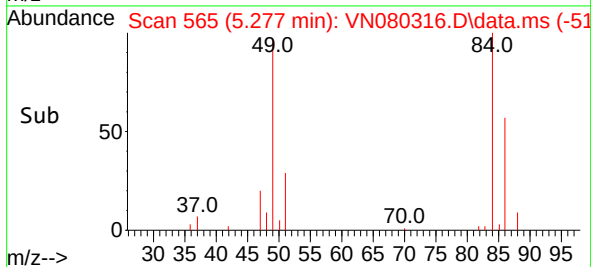
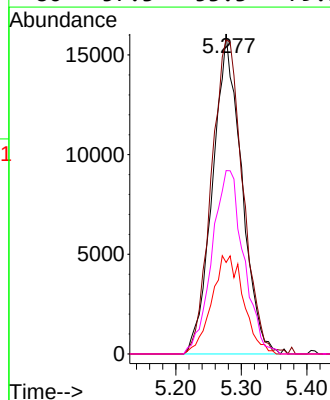
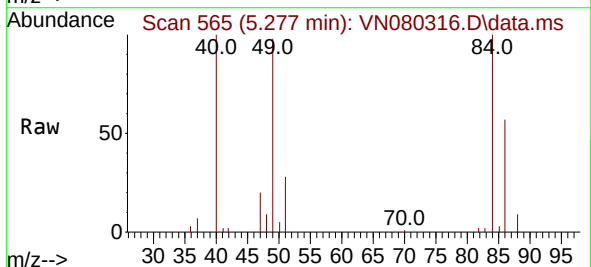
Manual Integrations
APPROVED

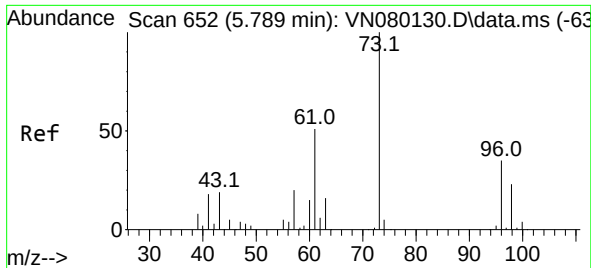
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#20
Methylene Chloride
Concen: 21.083 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

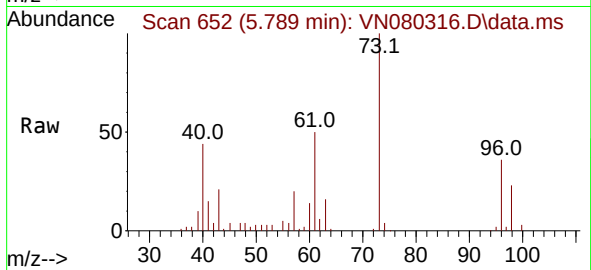
Tgt Ion: 84 Resp: 49240
Ion Ratio Lower Upper
84 100
49 98.1 79.7 119.5
51 28.6 25.2 37.8
86 57.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.309 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

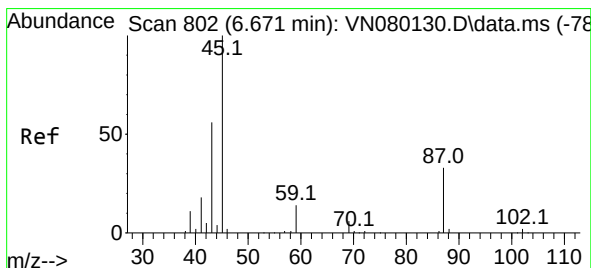
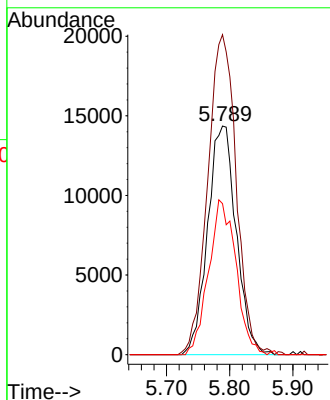
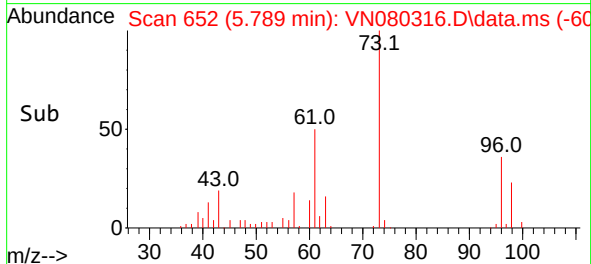
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



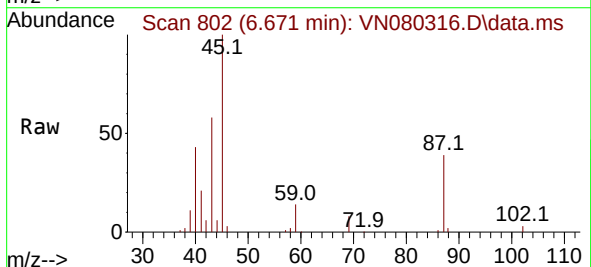
Tgt Ion: 96 Resp: 45089
Ion Ratio Lower Upper
96 100
61 139.9 90.1 135.1
98 66.1 46.4 69.6

Manual Integrations
APPROVED

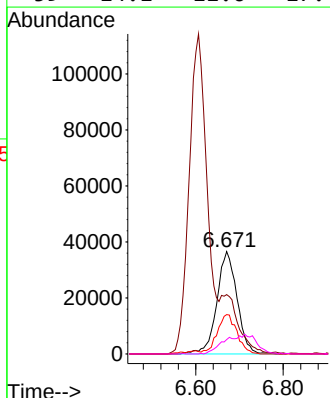
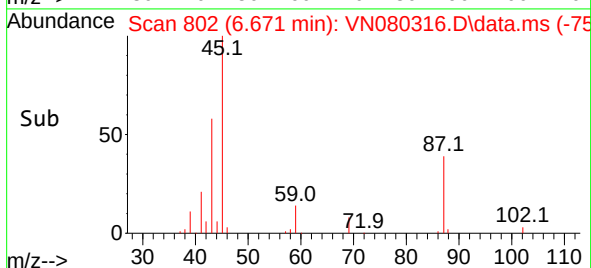
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

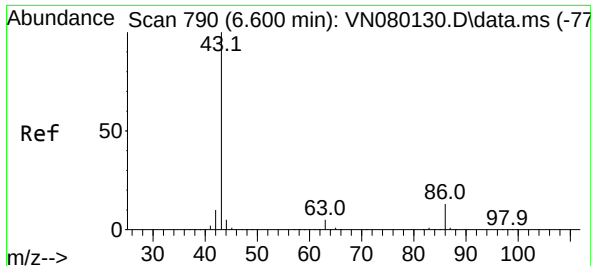


#22
Diisopropyl ether
Concen: 19.787 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion: 45 Resp: 117068
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 38.5 31.8 47.8
59 14.1 11.6 17.4





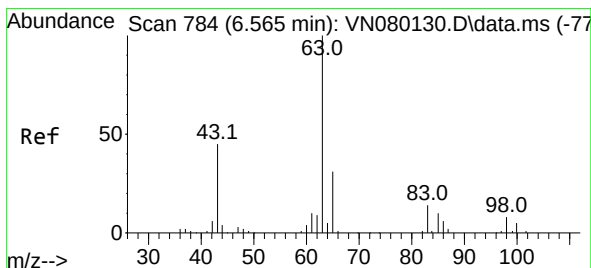
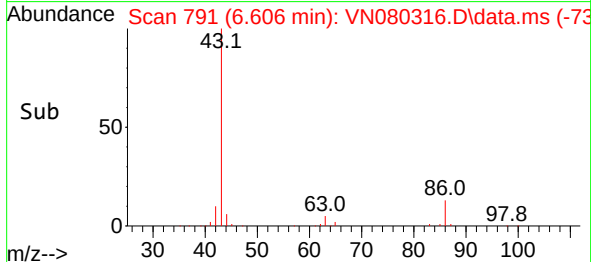
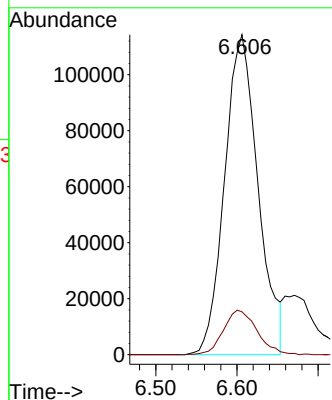
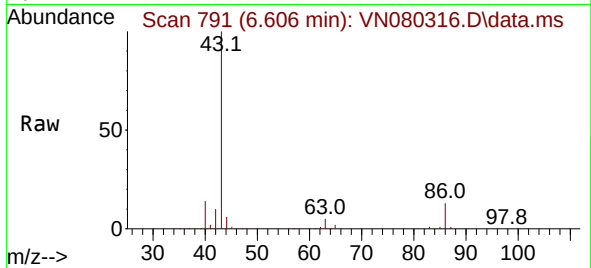
#23
 Vinyl Acetate
 Concen: 92.150 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080316.D
 Acq: 01 Dec 2023 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tgt Ion: 43 Resp: 32776
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

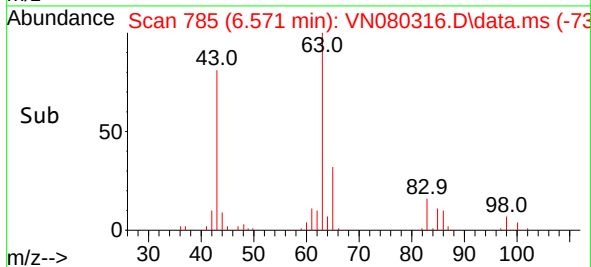
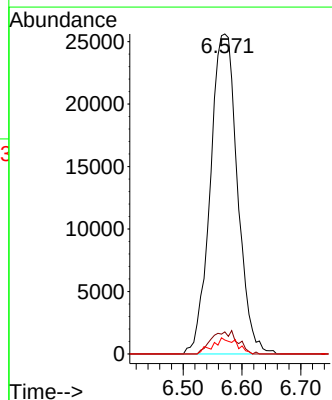
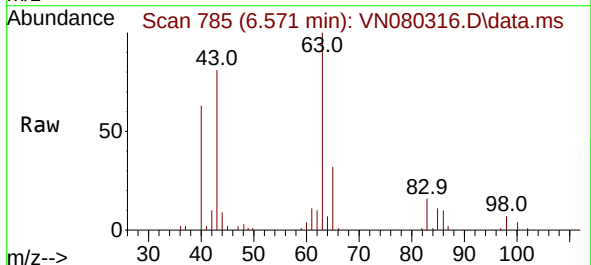
Manual Integrations
 APPROVED

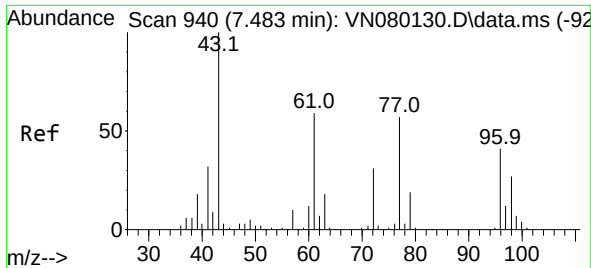
Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#24
 1,1-Dichloroethane
 Concen: 19.057 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080316.D
 Acq: 01 Dec 2023 11:48

Tgt Ion: 63 Resp: 82117
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.4 2.5 7.4





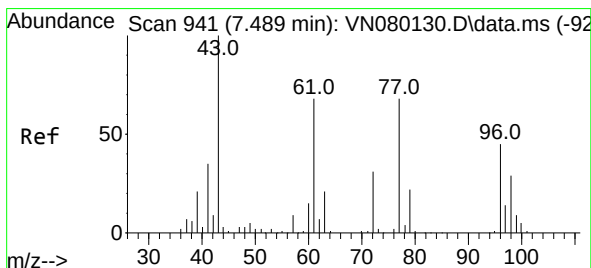
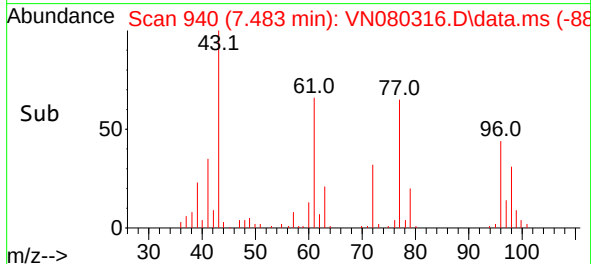
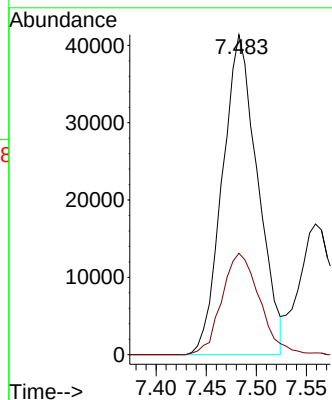
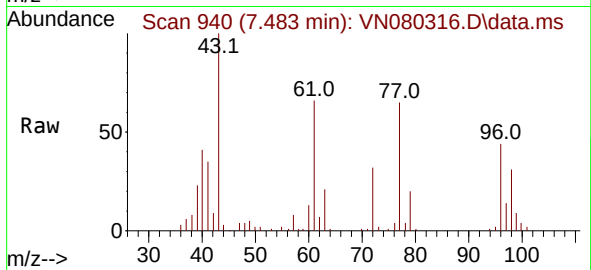
#25
2-Butanone
Concen: 76.536 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 43 Resp: 10141
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2

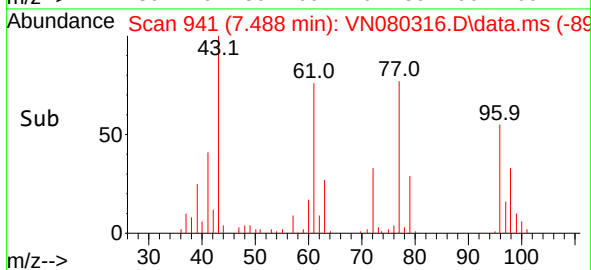
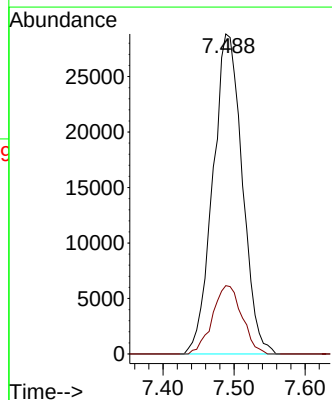
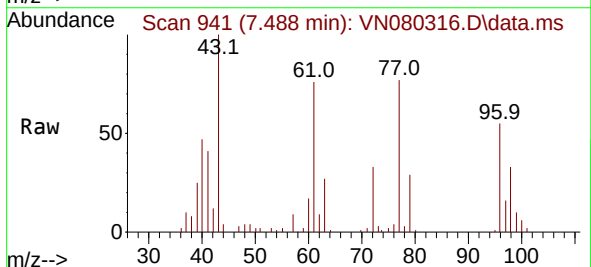
Manual Integrations
APPROVED

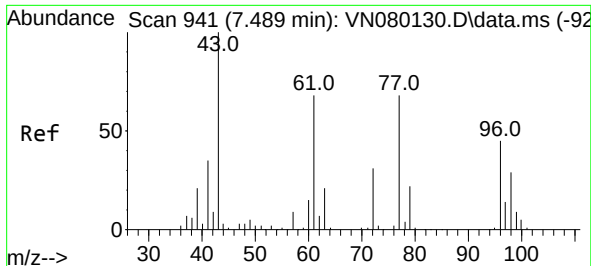
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#26
2,2-Dichloropropane
Concen: 19.347 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

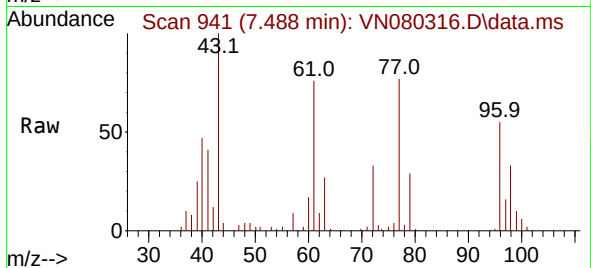
Tgt Ion: 77 Resp: 82711
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.540 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080316.D
 Acq: 01 Dec 2023 11:48

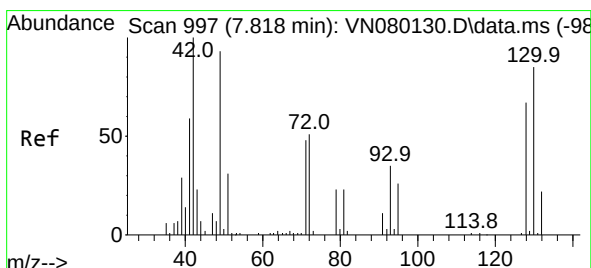
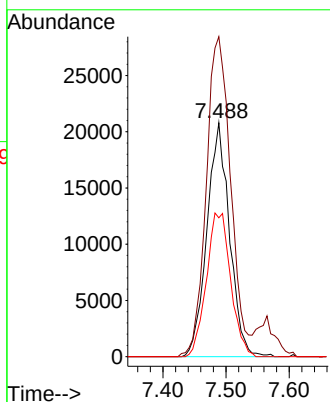
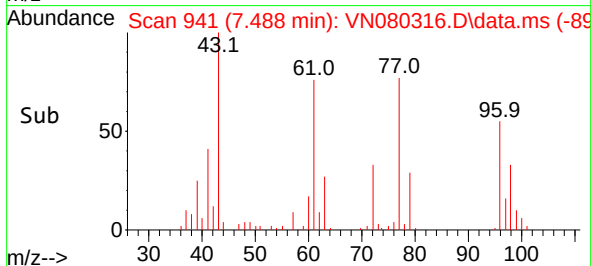
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01



Tgt Ion: 96 Resp: 5172
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 255.2
 98 65.9 0.0 128.8

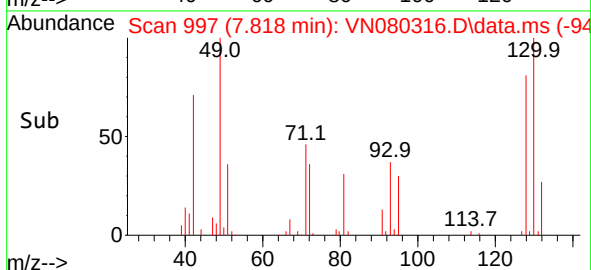
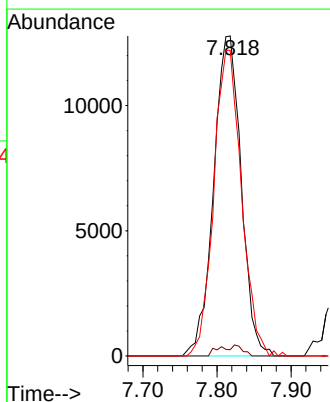
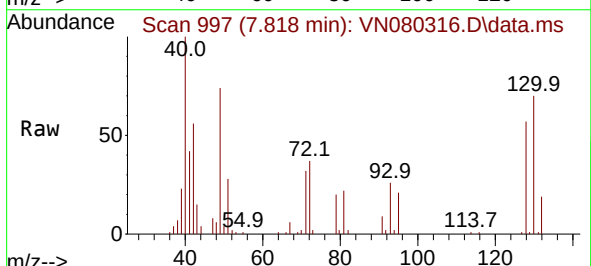
Manual Integrations
 APPROVED

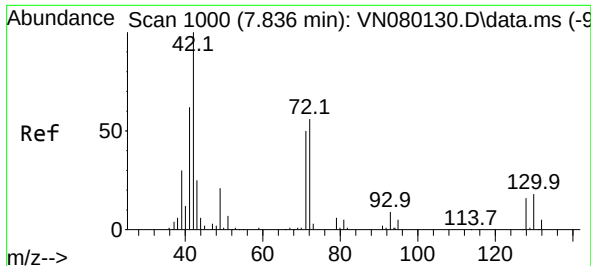
Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#28
 Bromochloromethane
 Concen: 19.442 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080316.D
 Acq: 01 Dec 2023 11:48

Tgt Ion: 49 Resp: 32935
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 96.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 89.190 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 42 Resp: 63448

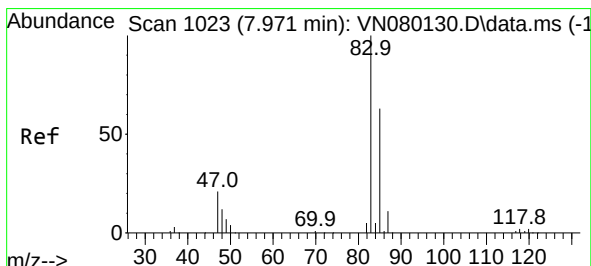
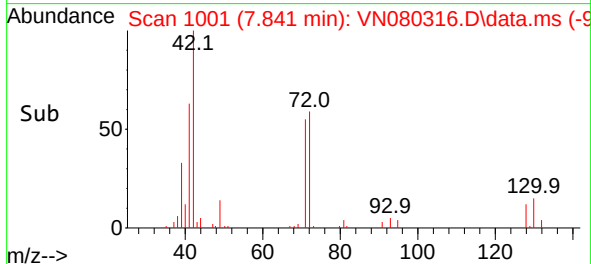
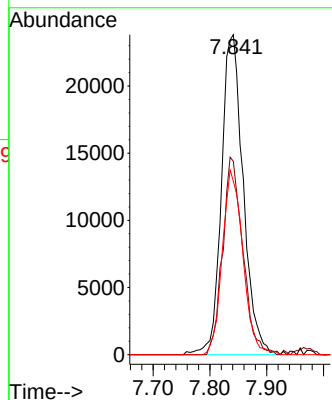
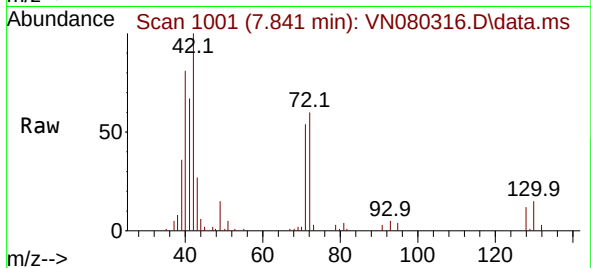
Ion	Ratio	Lower	Upper
42	100		
72	57.4	49.8	74.6
71	54.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#30

Chloroform

Concen: 20.593 ug/l

RT: 7.971 min Scan# 1023

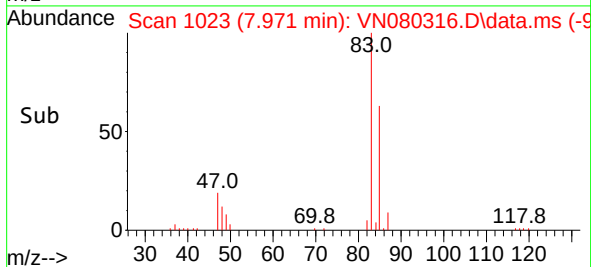
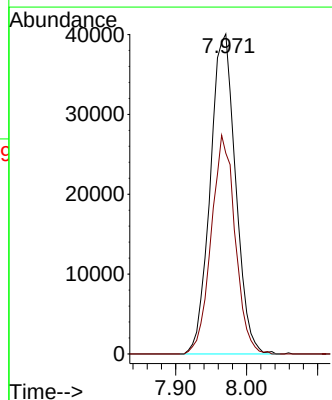
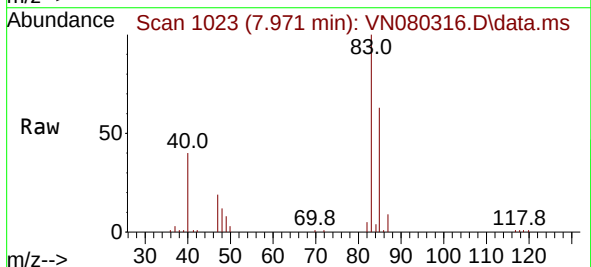
Delta R.T. -0.000 min

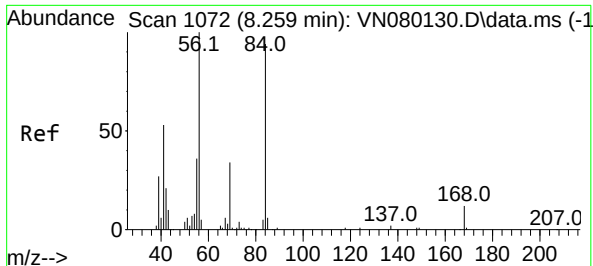
Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Tgt Ion: 83 Resp: 99182

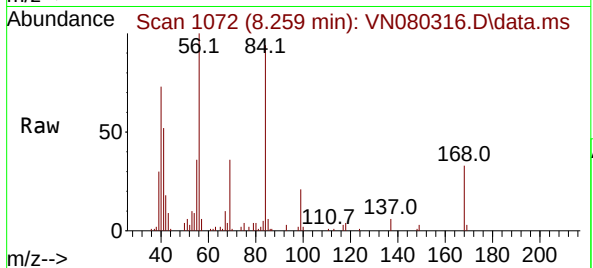
Ion	Ratio	Lower	Upper
83	100		
85	62.7	55.4	83.0





#31
Cyclohexane
Concen: 18.164 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

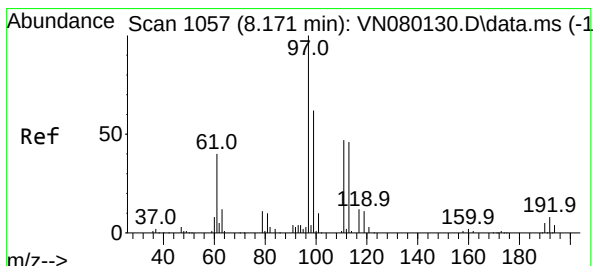
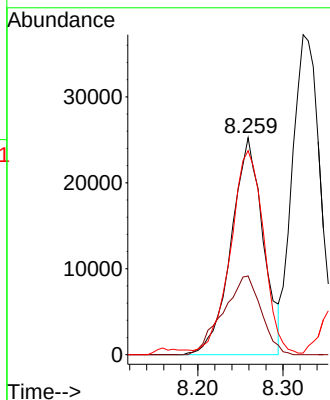
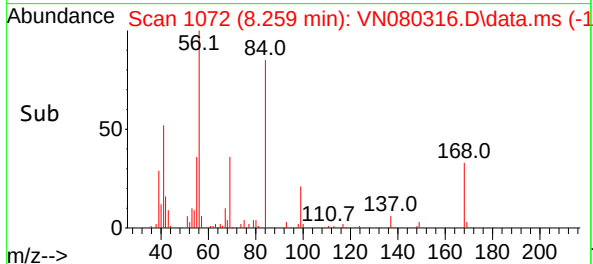
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 56 Resp: 6559
Ion Ratio Lower Upper
56 100
69 36.3 26.8 40.2
84 91.9 81.8 122.6

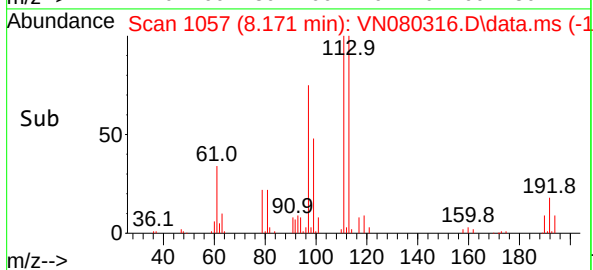
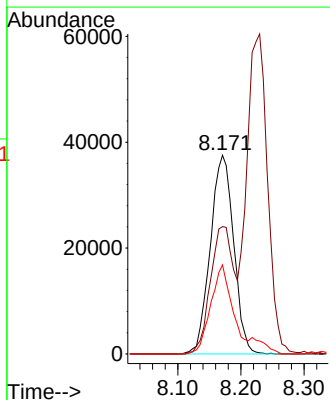
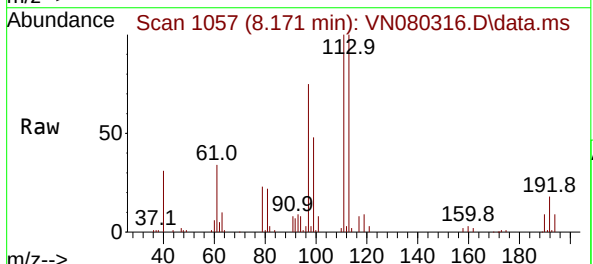
Manual Integrations
APPROVED

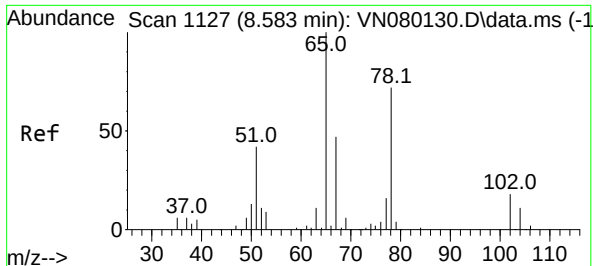
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#32
1,1,1-Trichloroethane
Concen: 20.532 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion: 97 Resp: 96437
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 42.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.401 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 65 Resp: 167352

Ion Ratio Lower Upper

65 100

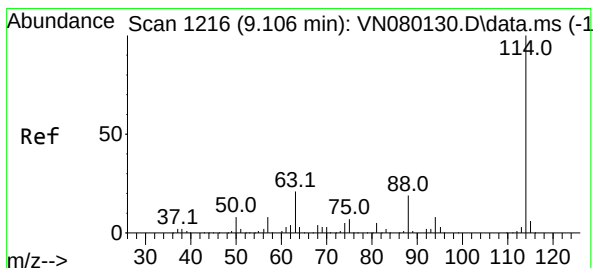
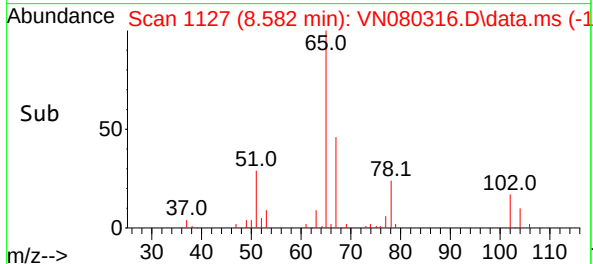
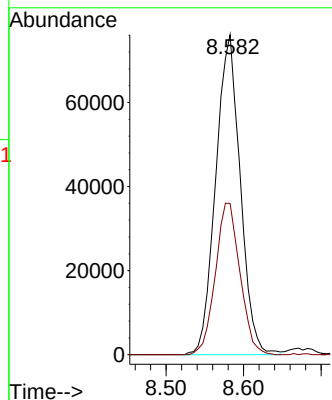
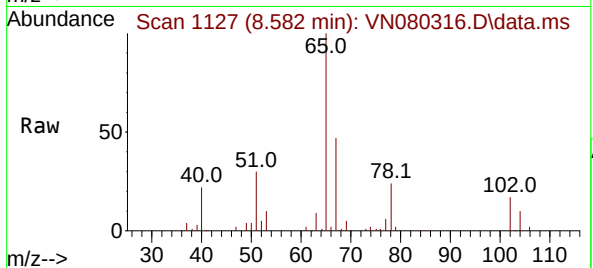
67 47.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

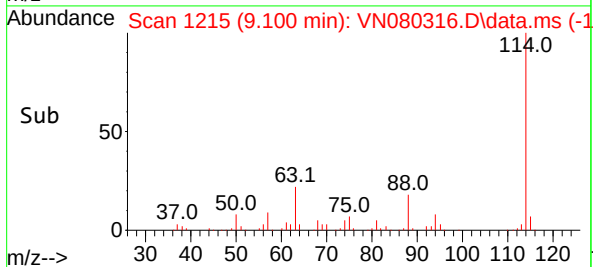
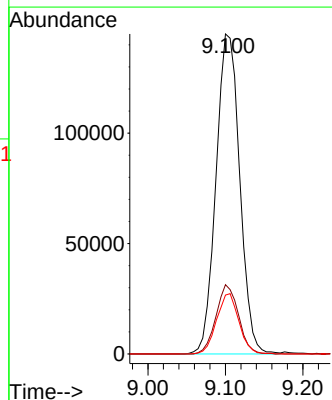
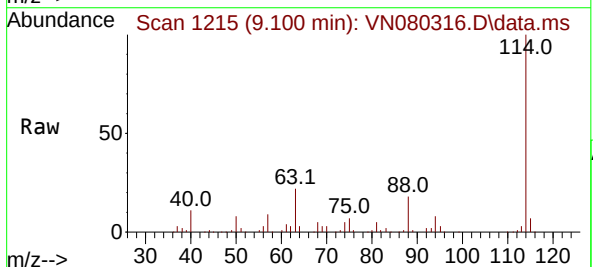
Tgt Ion:114 Resp: 309200

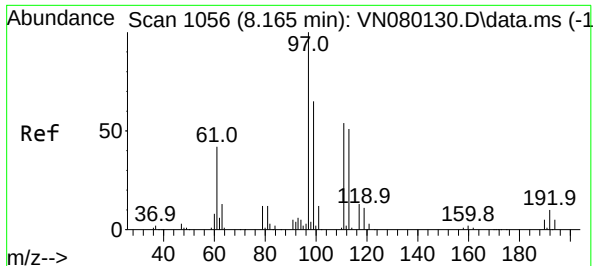
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

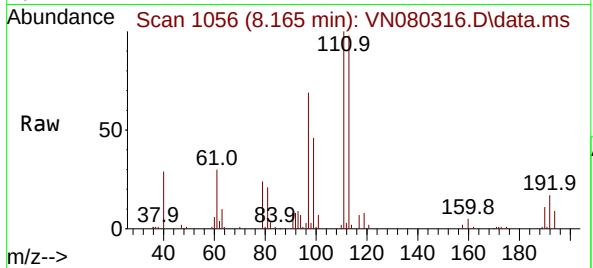
88 18.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.162 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

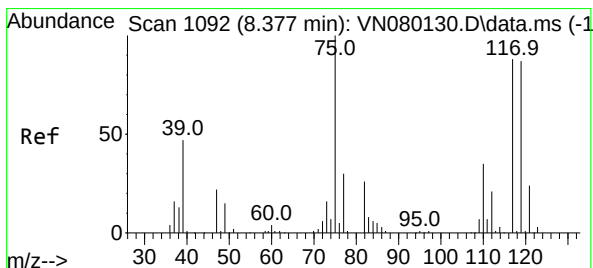
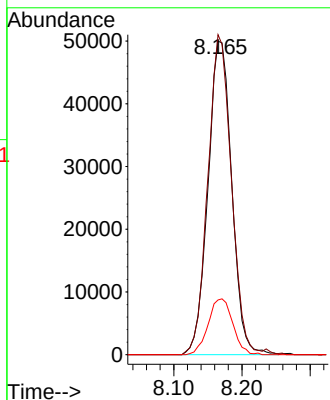
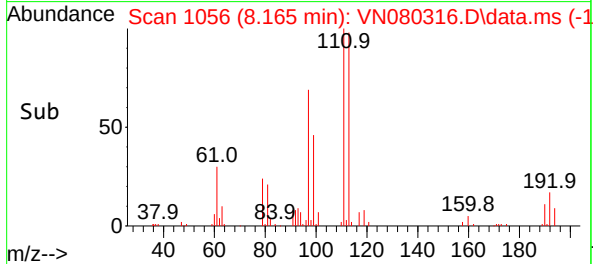
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



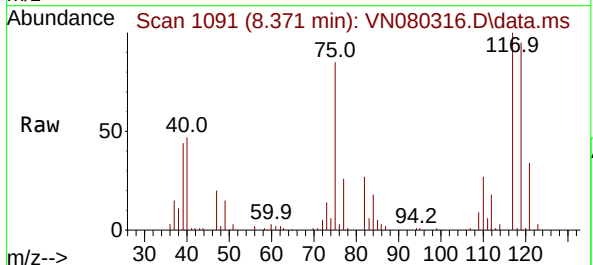
Tgt Ion: 113 Resp: 12128
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.5 12.7 19.1

Manual Integrations
APPROVED

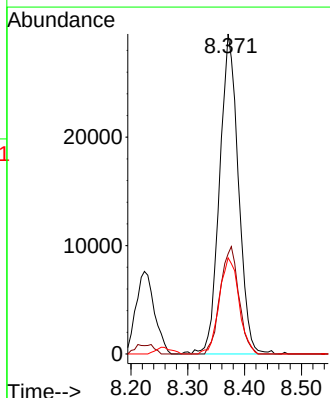
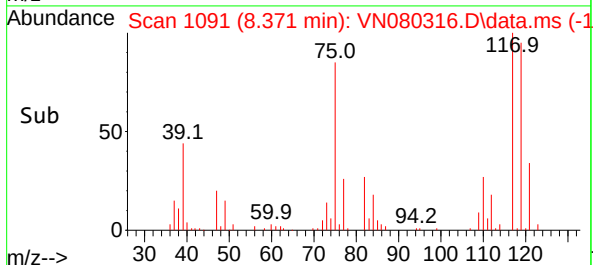
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

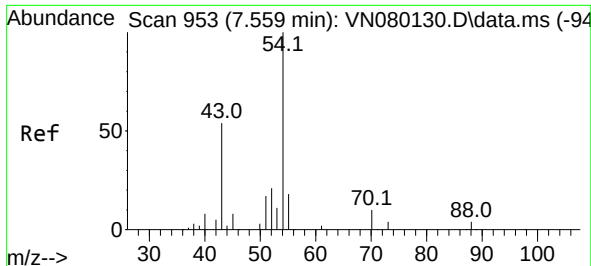


#36
1,1-Dichloropropene
Concen: 20.563 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion: 75 Resp: 67922
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 18.720 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

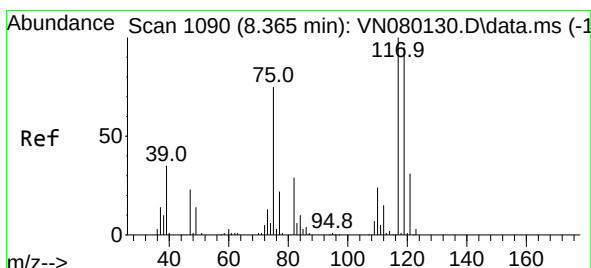
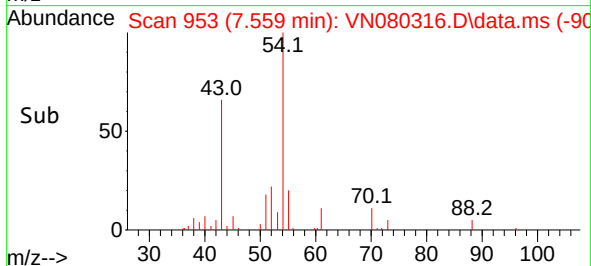
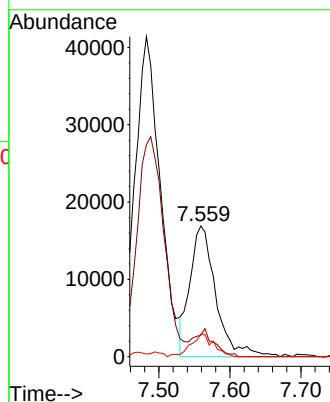
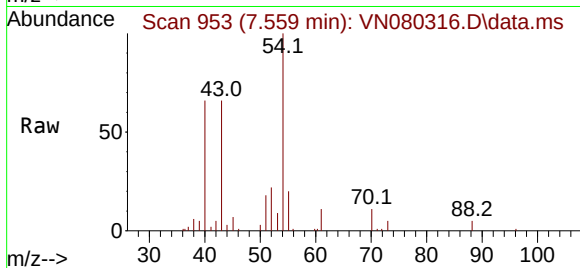
Tgt Ion: 43	Resp: 4289
Ion Ratio	Lower Upper
43 100	
61 15.6	13.2 19.8
70 15.2	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#38

Carbon Tetrachloride

Concen: 21.803 ug/l

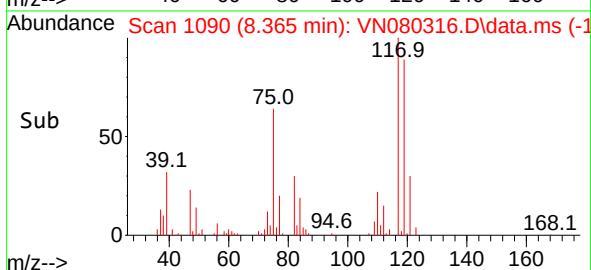
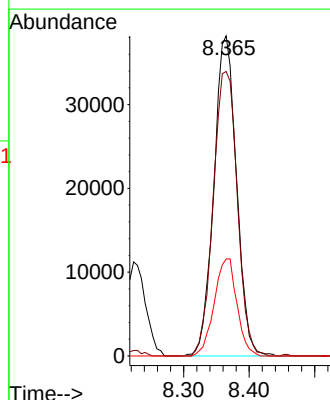
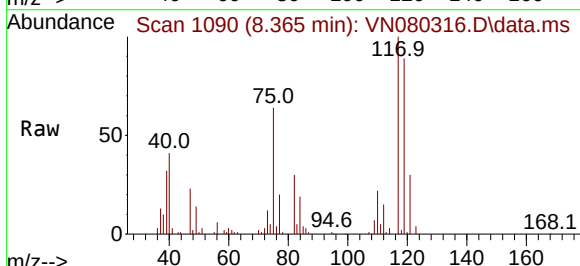
RT: 8.365 min Scan# 1090

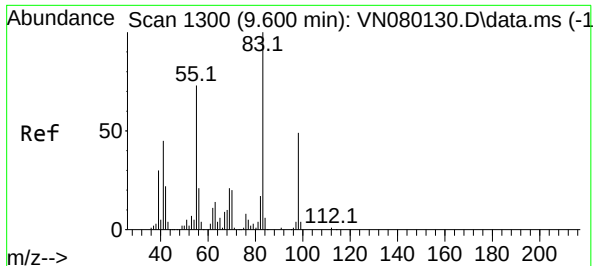
Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Tgt Ion:117	Resp:	91391	
Ion	Ratio	Lower	Upper
117	100		
119	88.9	77.3	115.9
121	30.3	23.3	34.9





#39

Methylcyclohexane

Concen: 18.680 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

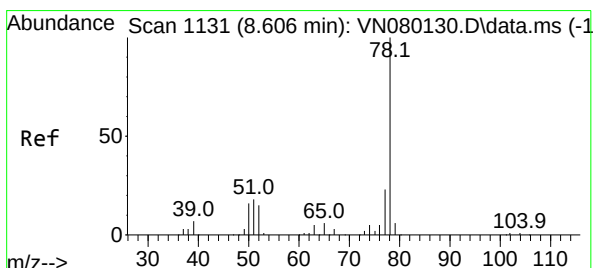
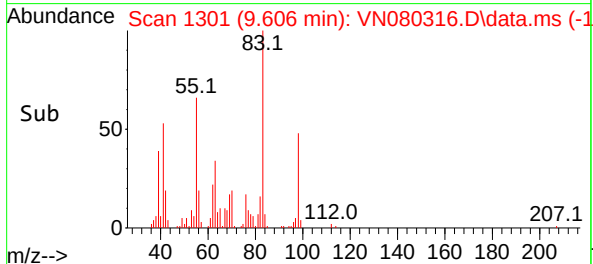
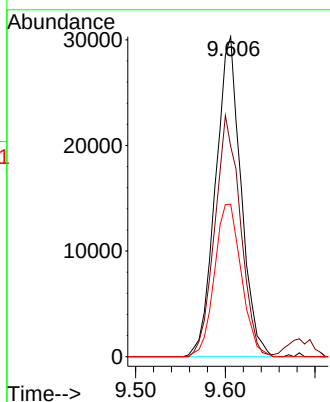
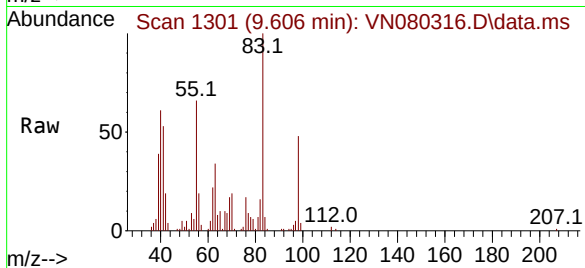
Tgt Ion: 83	Resp: 59494
Ion Ratio	Lower Upper
83 100	
55 65.7	49.1 73.7
98 47.7	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#40

Benzene

Concen: 20.564 ug/l

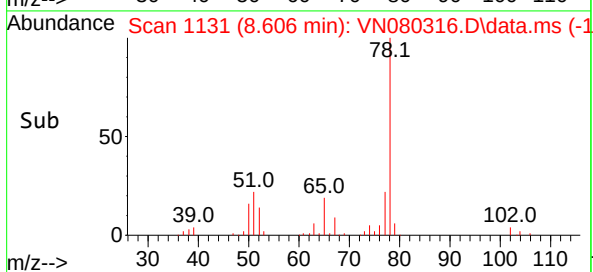
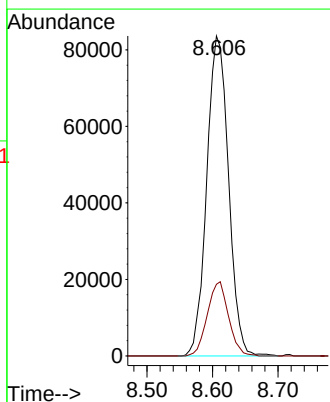
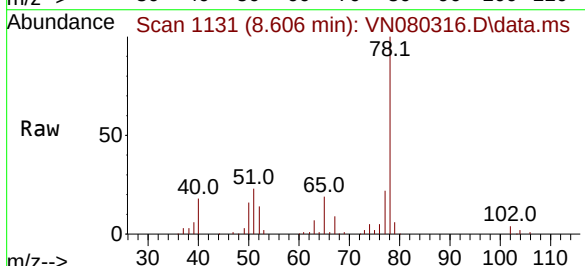
RT: 8.606 min Scan# 1131

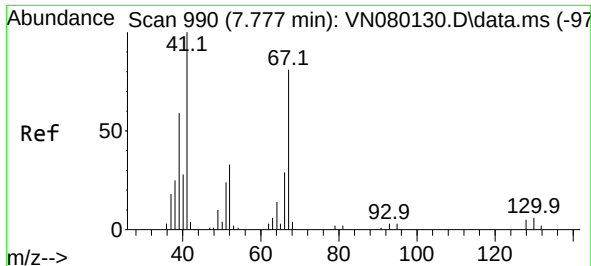
Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

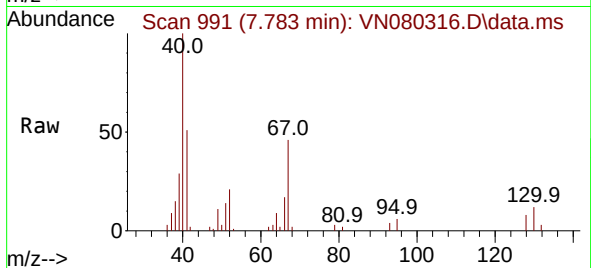
Tgt Ion: 78	Resp: 193057
Ion Ratio	Lower Upper
78 100	
77 22.4	19.0 28.6





#41
Methacrylonitrile
Concen: 18.899 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

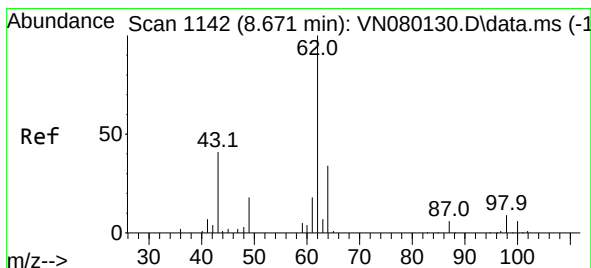
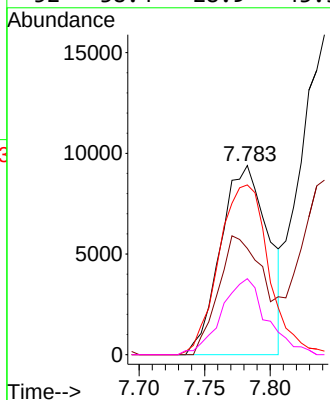
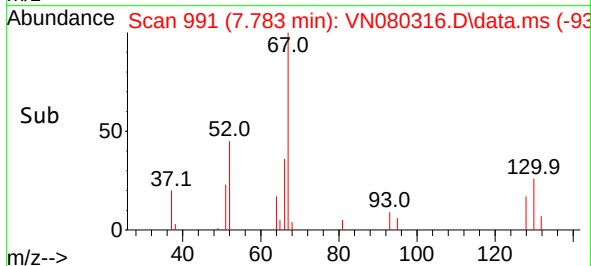
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 41 Resp: 23779
Ion Ratio Lower Upper
41 100
39 65.2 42.6 64.0
67 94.0 77.5 116.3
52 38.4 28.9 43.3

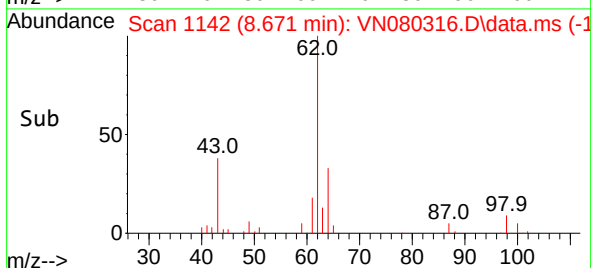
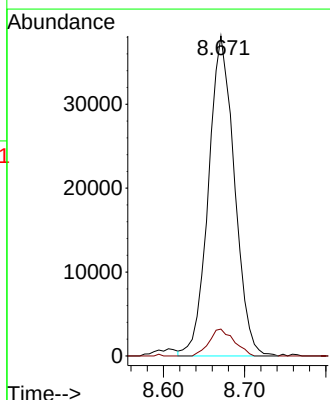
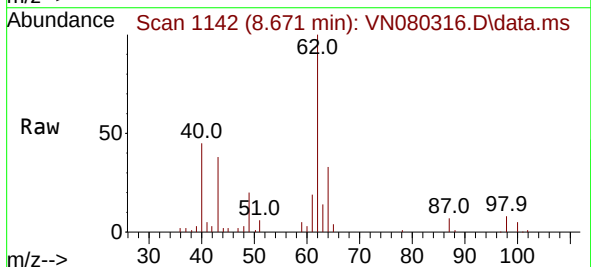
Manual Integrations
APPROVED

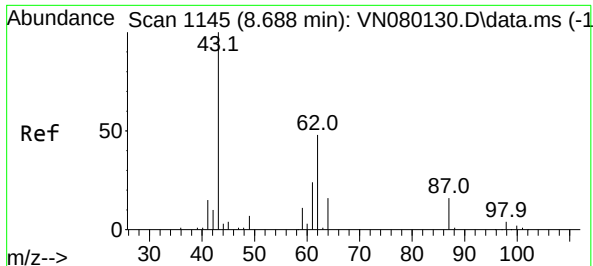
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#42
1,2-Dichloroethane
Concen: 22.076 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

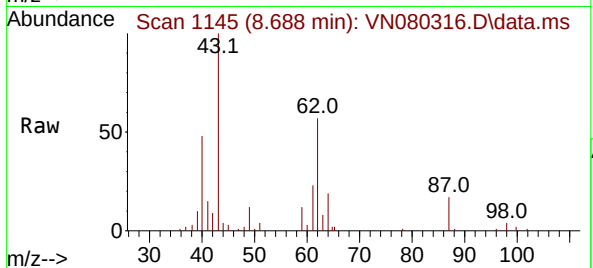
Tgt Ion: 62 Resp: 84790
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.457 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

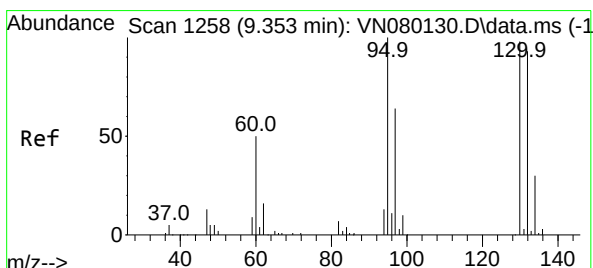
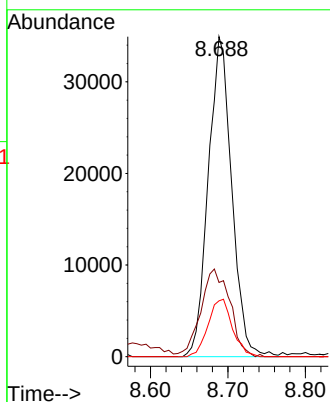
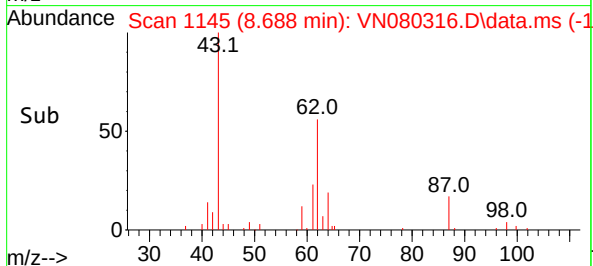
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



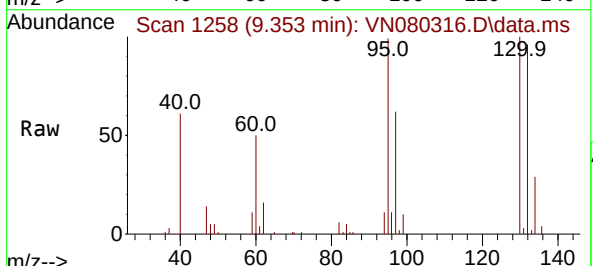
Tgt Ion: 43 Resp: 7337
Ion Ratio Lower Upper
43 100
61 34.2 24.7 37.1
87 18.6 14.6 21.8

Manual Integrations
APPROVED

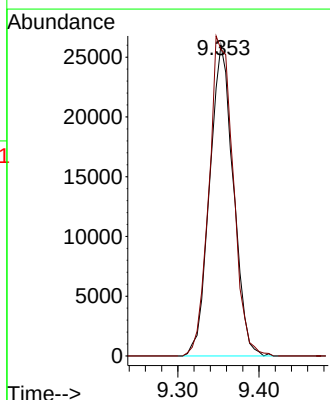
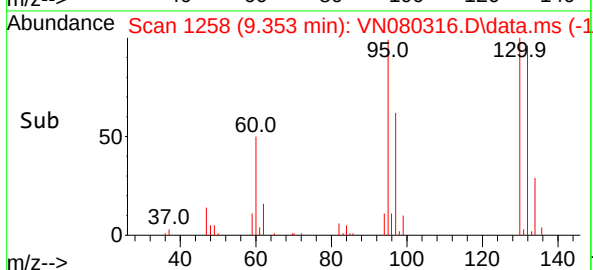
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

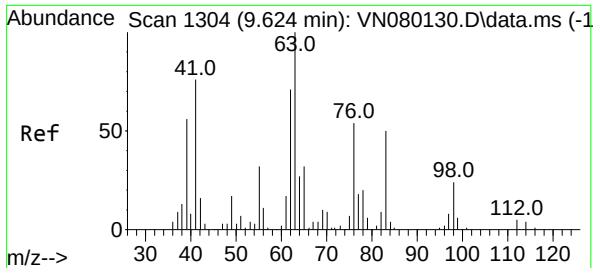


#44
Trichloroethene
Concen: 21.428 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion:130 Resp: 52769
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.816 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 63 Resp: 4541

Ion Ratio Lower Upper

63 100

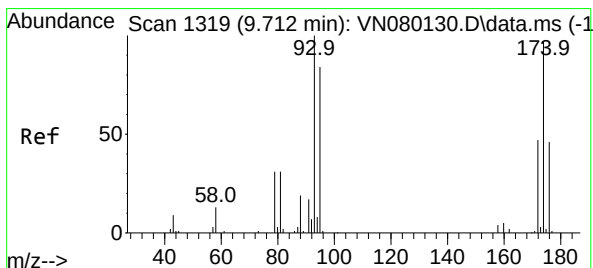
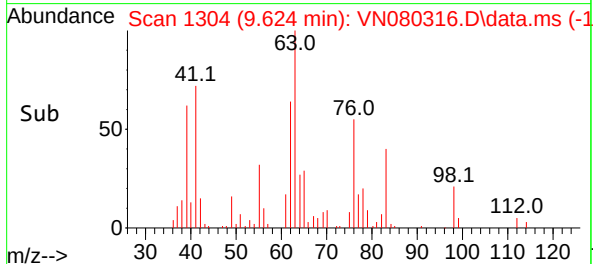
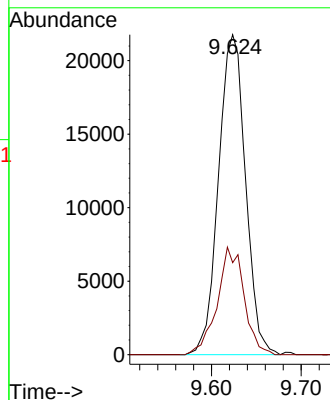
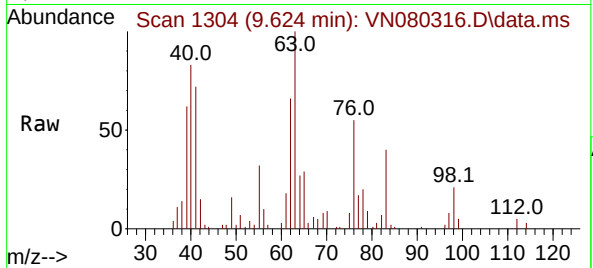
65 28.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#46

Dibromomethane

Concen: 21.700 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

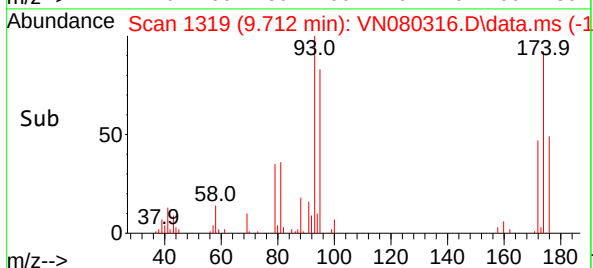
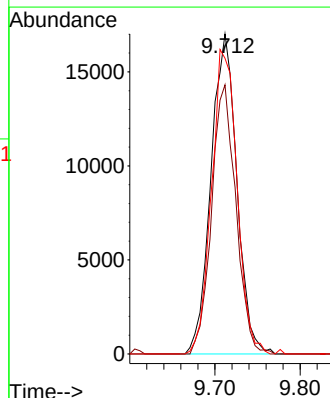
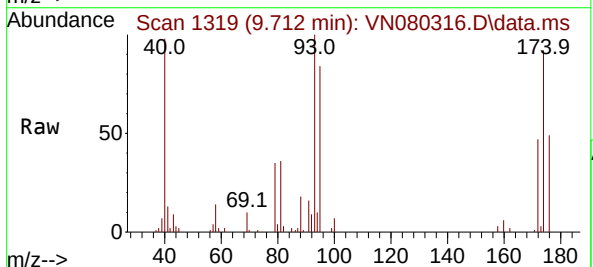
Tgt Ion: 93 Resp: 35836

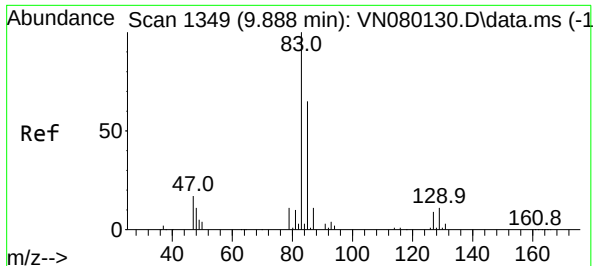
Ion Ratio Lower Upper

93 100

95 79.4 63.8 95.8

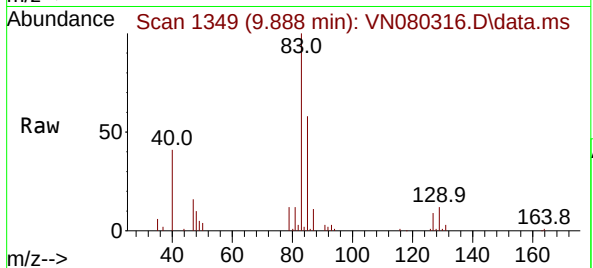
174 94.0 65.6 98.4





#47
Bromodichloromethane
Concen: 21.315 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

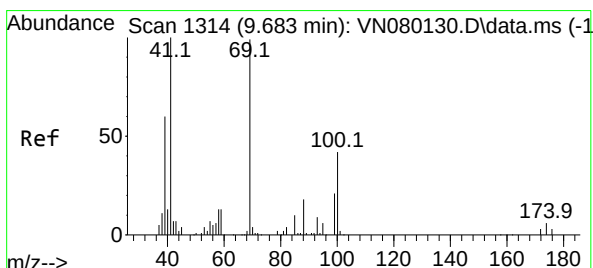
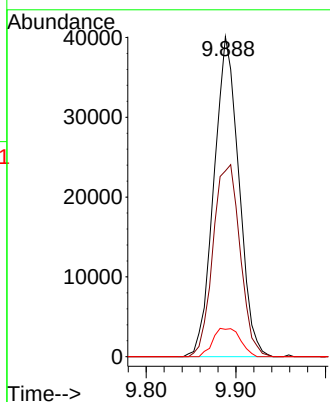
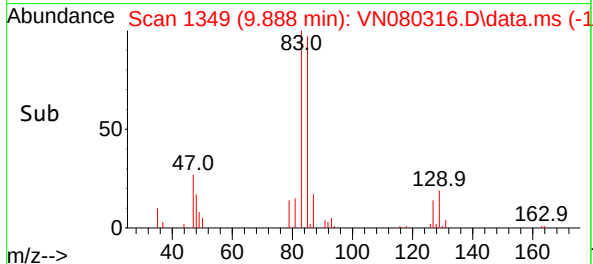
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 83 Resp: 7743
Ion Ratio Lower Upper
83 100
85 58.1 49.6 74.4
127 8.5 7.0 10.6

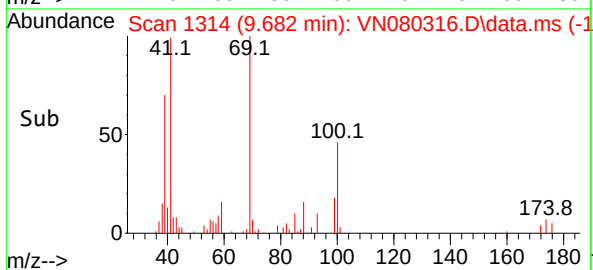
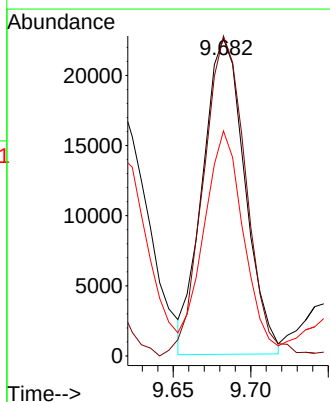
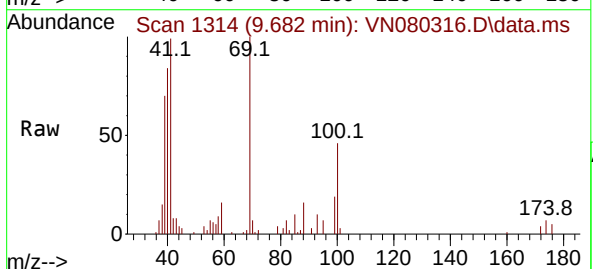
Manual Integrations
APPROVED

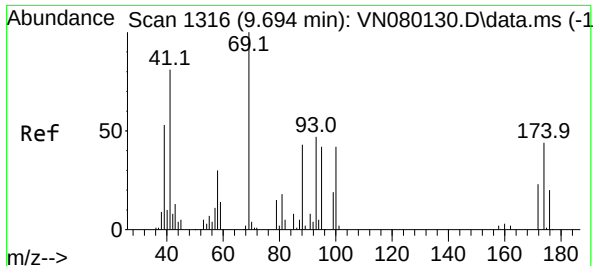
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#48
Methyl methacrylate
Concen: 18.523 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion: 41 Resp: 42559
Ion Ratio Lower Upper
41 100
69 103.0 90.4 135.6
39 67.7 54.6 81.8





#49

1,4-Dioxane

Concen: 344.385 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 88 Resp: 13164

Ion Ratio Lower Upper

88 100

43 23.6 17.0 25.6

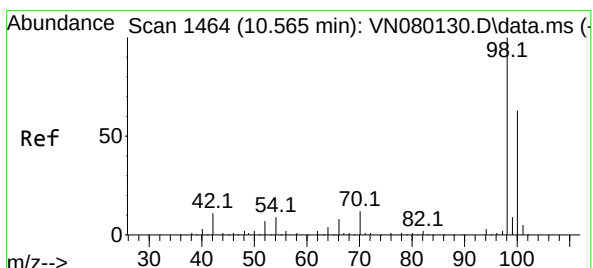
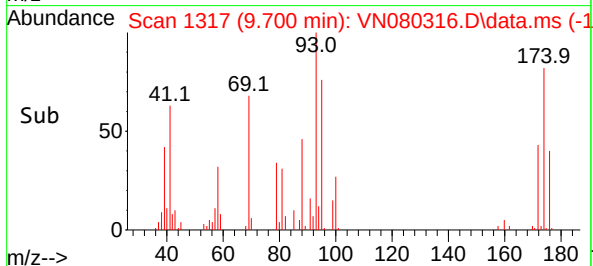
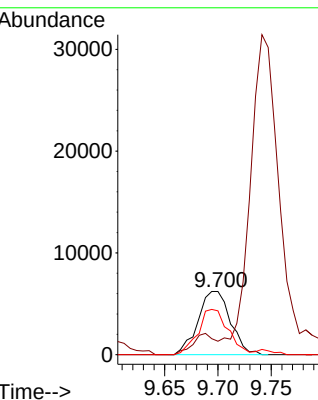
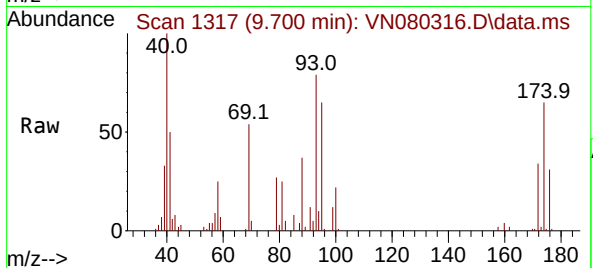
58 67.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#50

Toluene-d8

Concen: 50.923 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080316.D

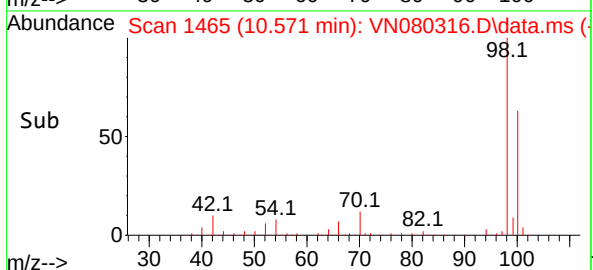
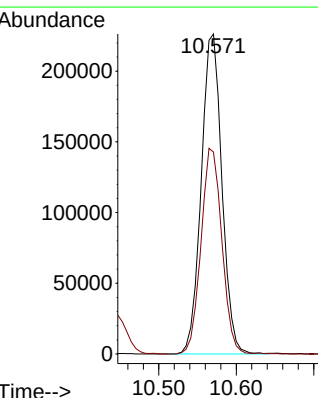
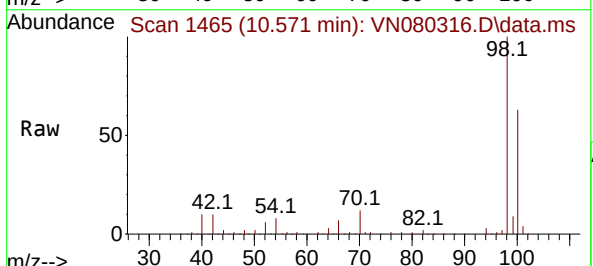
Acq: 01 Dec 2023 11:48

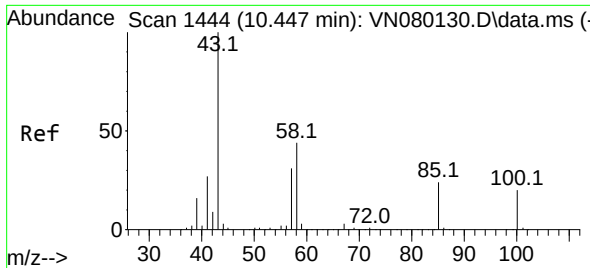
Tgt Ion: 98 Resp: 418805

Ion Ratio Lower Upper

98 100

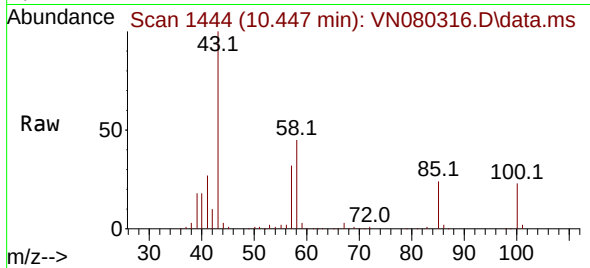
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 93.093 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

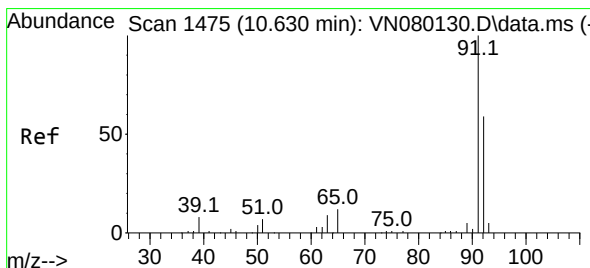
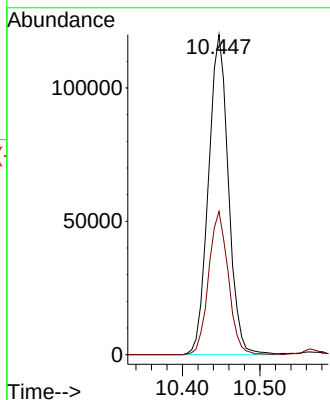
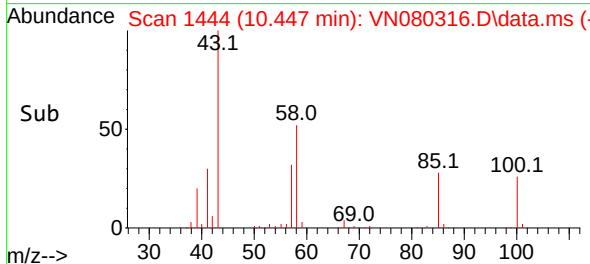
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



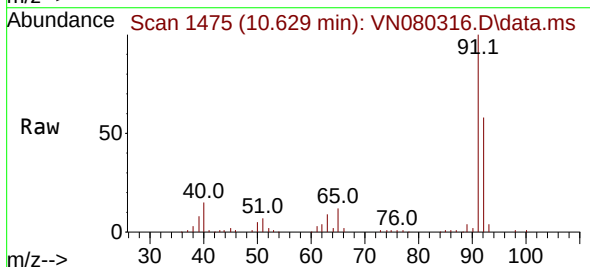
Tgt Ion: 43 Resp: 214889
Ion Ratio Lower Upper
43 100
58 44.1 36.6 54.8

Manual Integrations
APPROVED

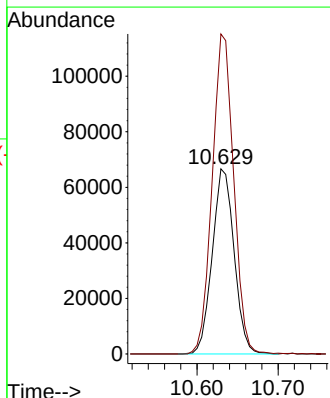
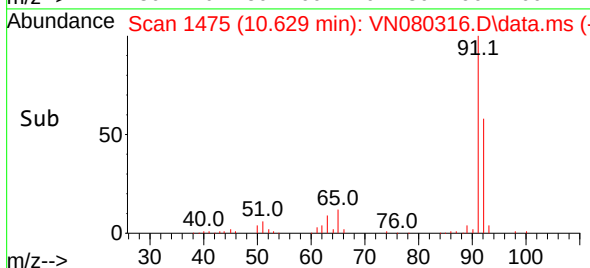
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

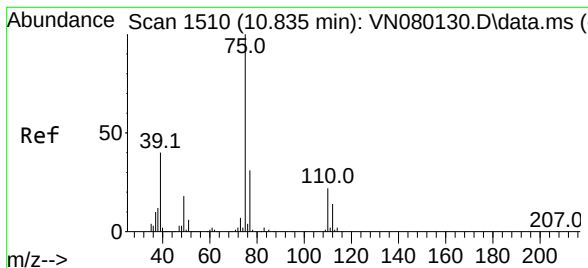


#52
Toluene
Concen: 21.243 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion: 92 Resp: 124808
Ion Ratio Lower Upper
92 100
91 169.8 137.4 206.0





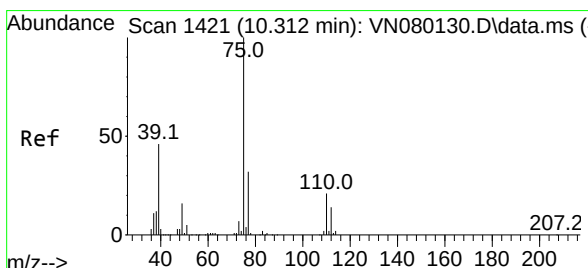
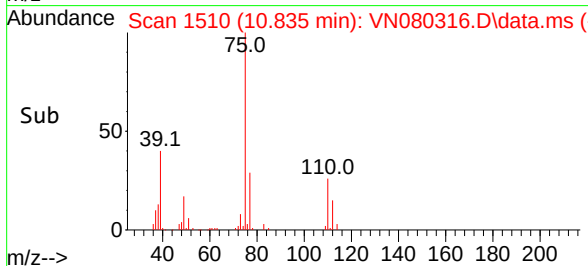
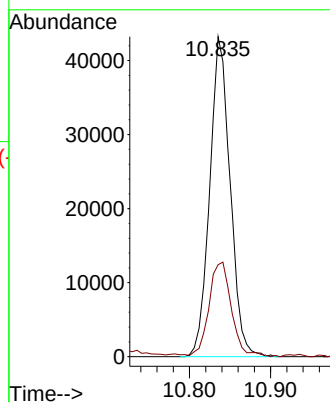
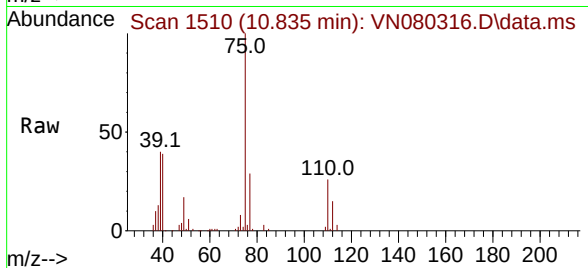
#53
t-1,3-Dichloropropene
Concen: 20.217 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 75 Resp: 75458
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0

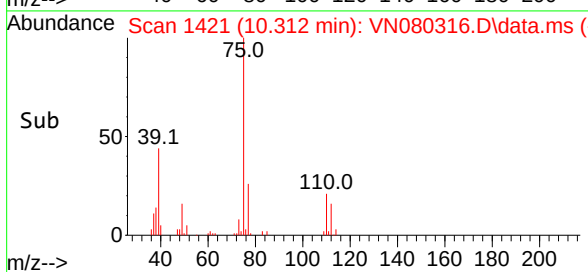
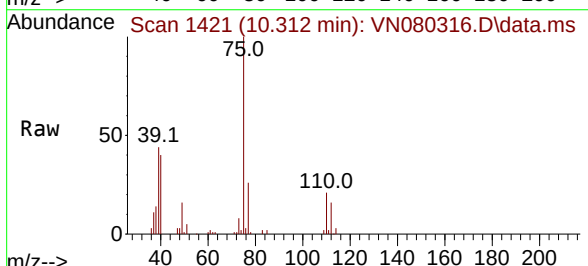
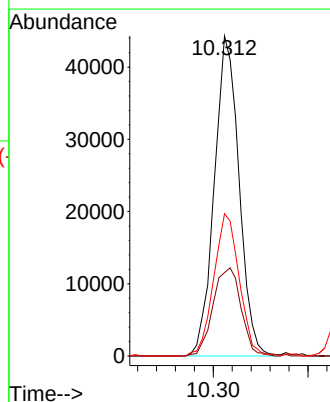
Manual Integrations
APPROVED

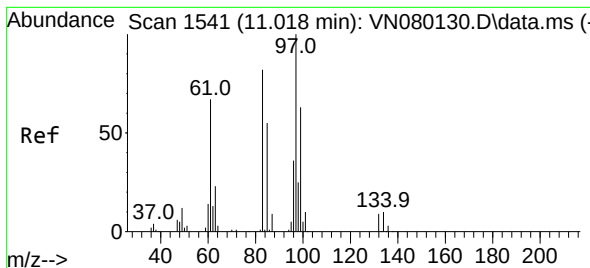
Reviewed By :John Carbone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#54
cis-1,3-Dichloropropene
Concen: 21.081 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

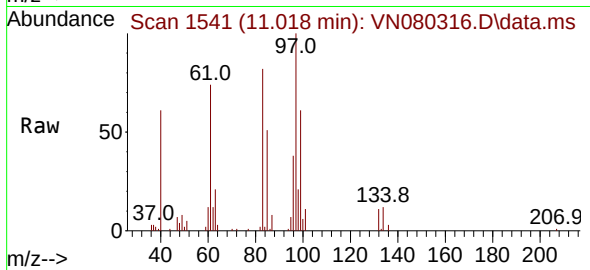
Tgt Ion: 75 Resp: 80384
Ion Ratio Lower Upper
75 100
77 26.0 26.1 39.1#
39 44.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.136 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

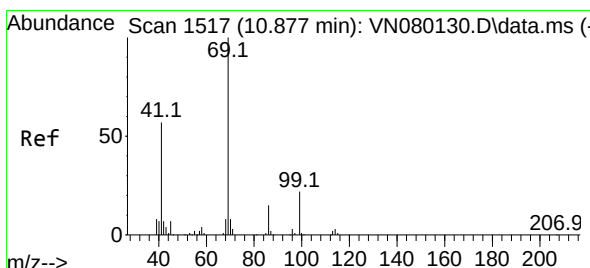
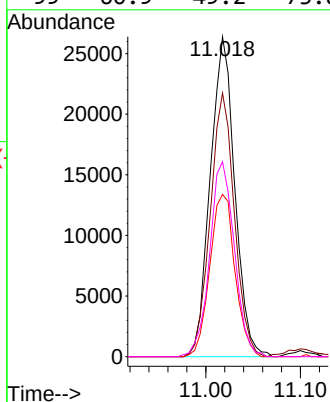
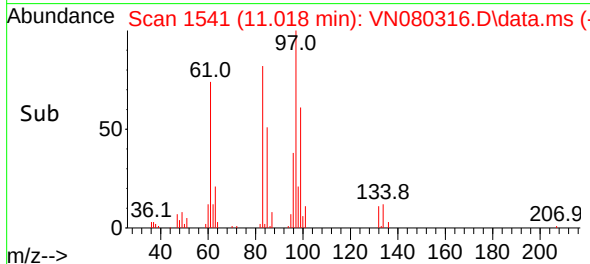
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



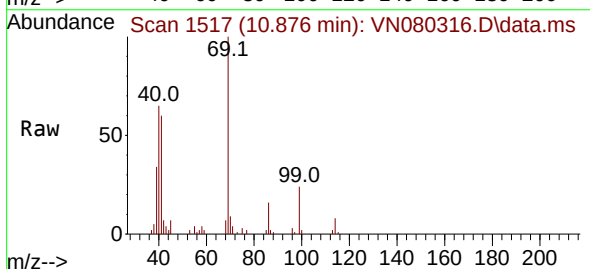
Tgt Ion: 97	Resp: 47394
Ion Ratio	Lower Upper
97 100	
83 82.4	65.1 97.7
85 50.7	43.4 65.2
99 60.9	49.2 73.8

Manual Integrations
APPROVED

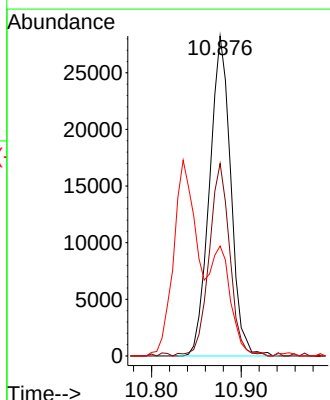
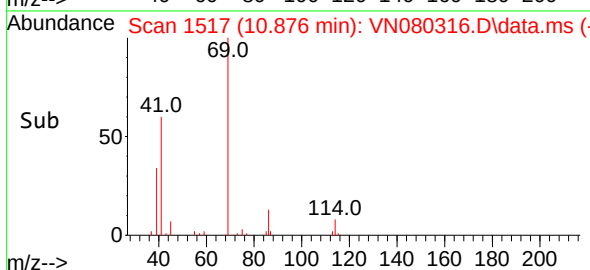
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

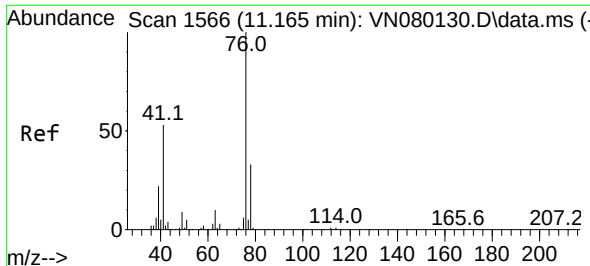


#56
Ethyl methacrylate
Concen: 20.288 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



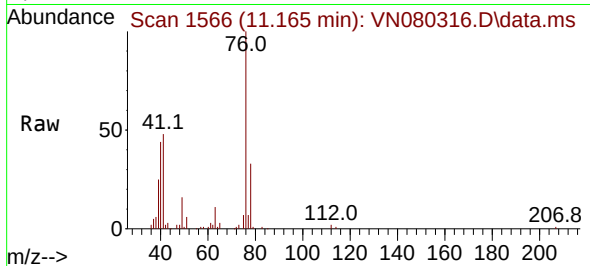
Tgt Ion: 69	Resp: 46475
Ion Ratio	Lower Upper
69 100	
41 58.3	39.6 59.4
39 28.3	28.6 43.0#





#57
1,3-Dichloropropane
Concen: 20.947 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

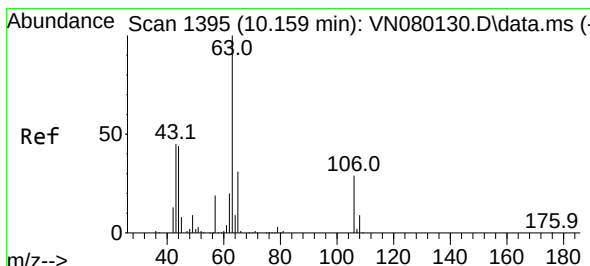
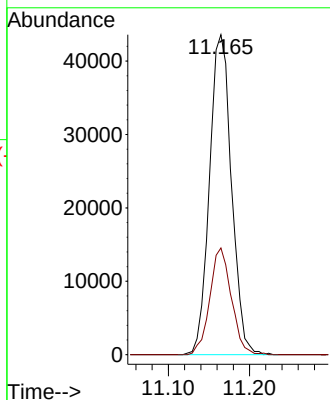
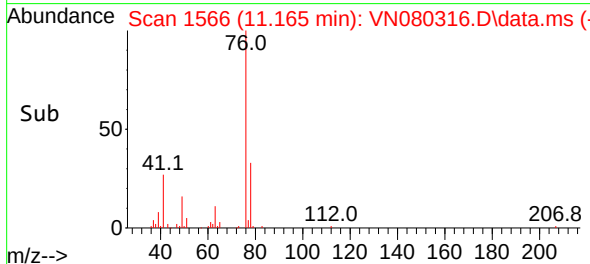
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



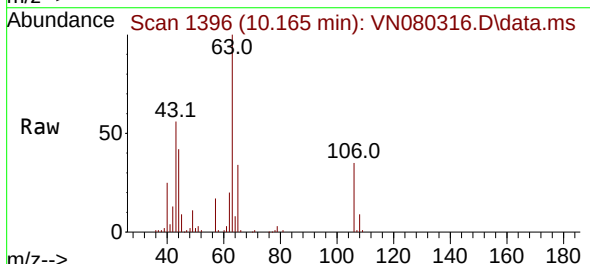
Tgt Ion: 76 Resp: 82009
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

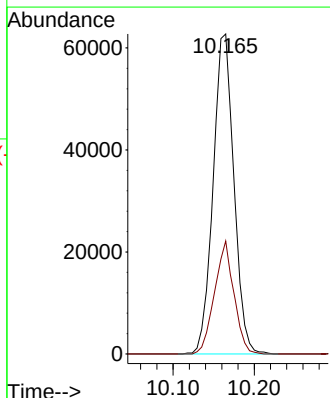
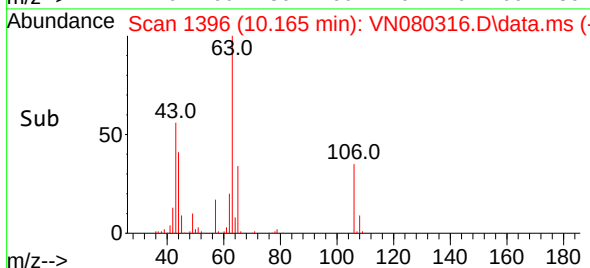
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

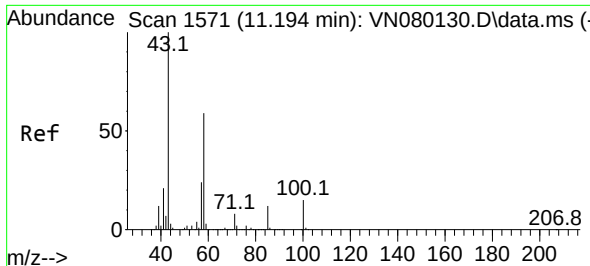


#58
2-Chloroethyl Vinyl ether
Concen: 86.520 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



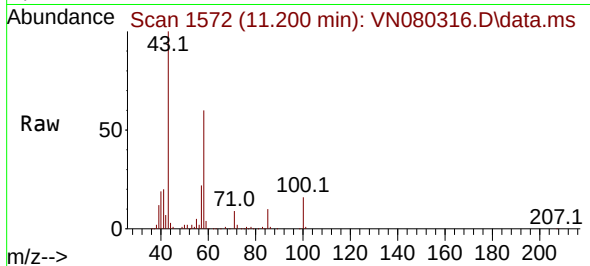
Tgt Ion: 63 Resp: 111659
Ion Ratio Lower Upper
63 100
106 32.9 26.2 39.4





#59
2-Hexanone
Concen: 85.103 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

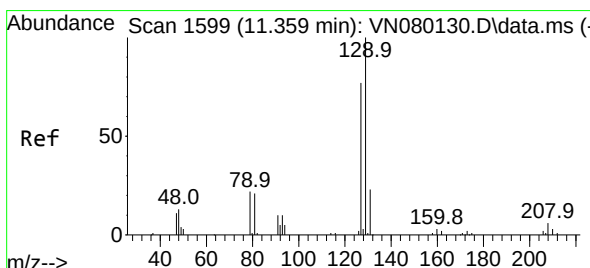
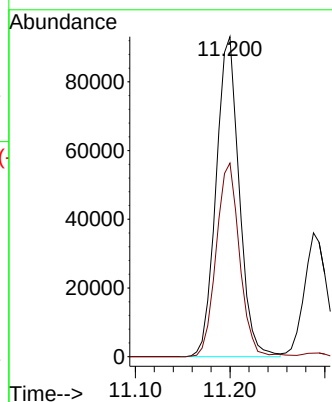
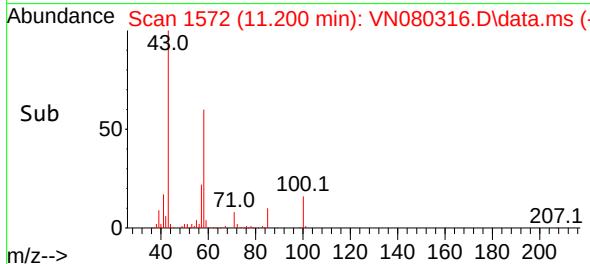
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 43 Resp: 157854
Ion Ratio Lower Upper
43 100
58 61.3 31.7 95.1

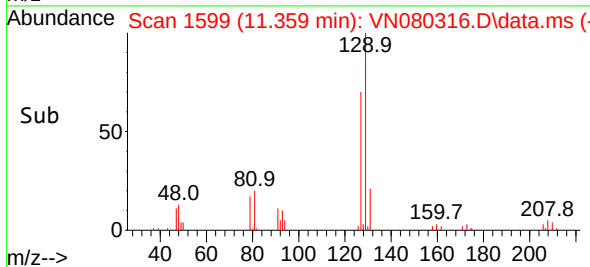
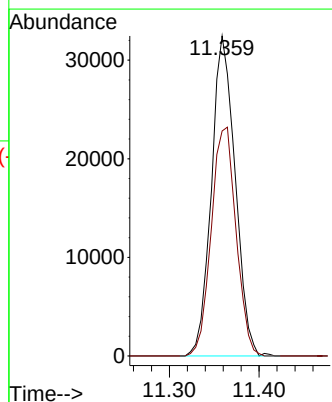
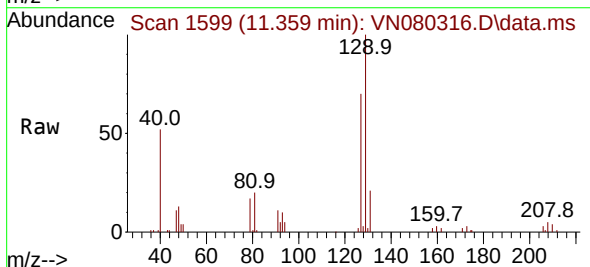
Manual Integrations
APPROVED

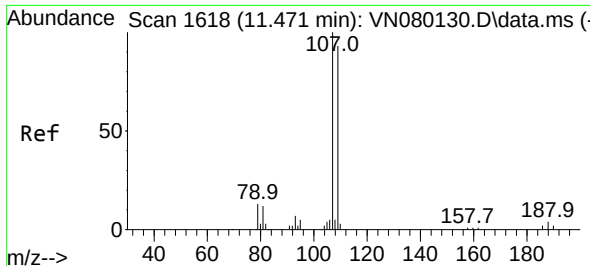
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#60
Dibromochloromethane
Concen: 22.200 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion:129 Resp: 59598
Ion Ratio Lower Upper
129 100
127 74.7 38.6 116.0





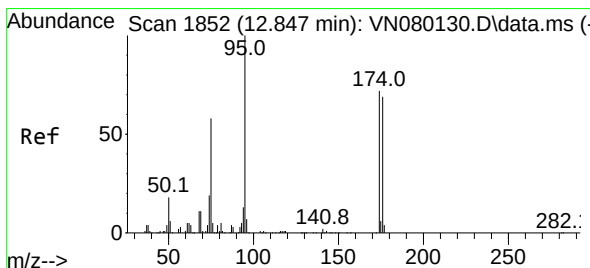
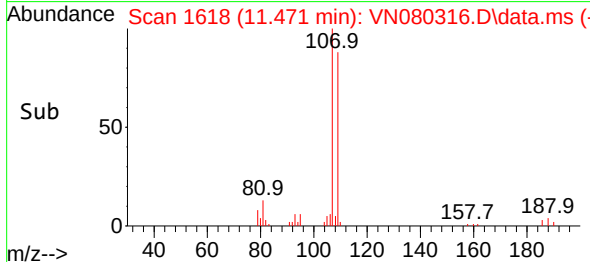
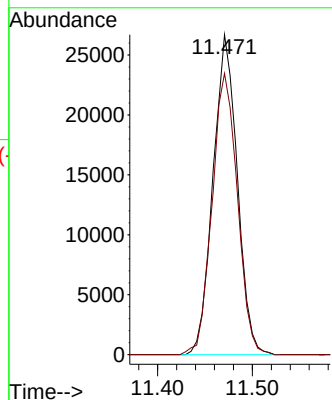
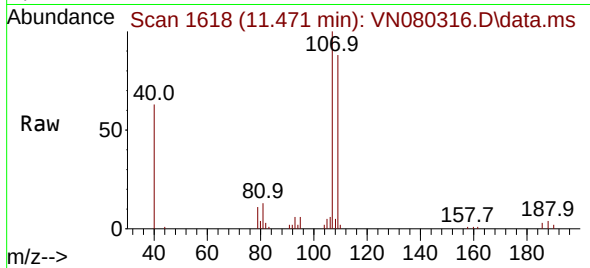
#61
1,2-Dibromoethane
Concen: 20.714 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:107 Resp: 47380
Ion Ratio Lower Upper
107 100
109 91.8 76.6 114.8

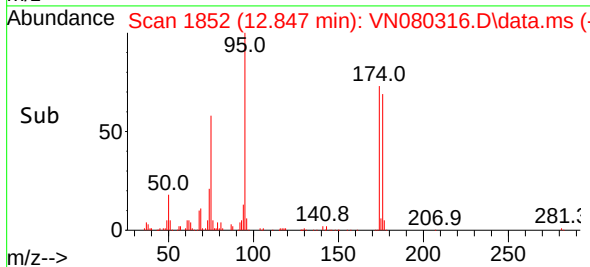
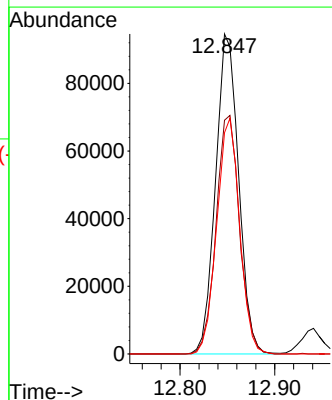
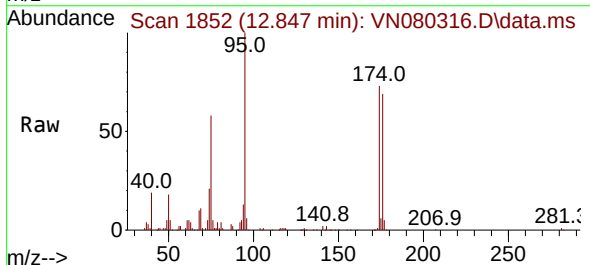
Manual Integrations
APPROVED

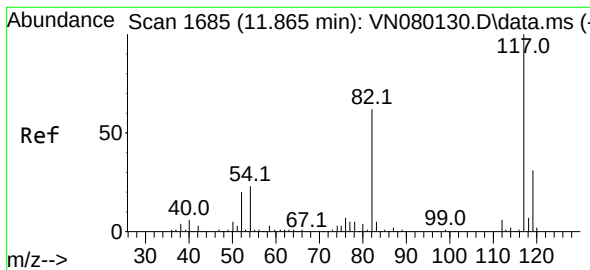
Reviewed By :John Carbone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#62
4-Bromofluorobenzene
Concen: 51.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

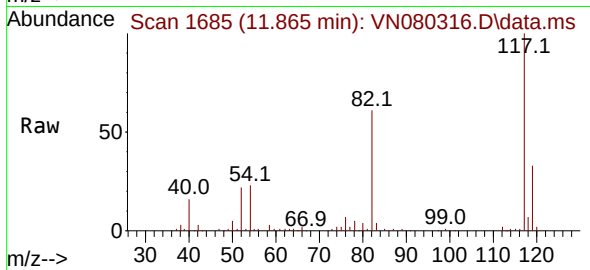
Tgt Ion: 95 Resp: 160245
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

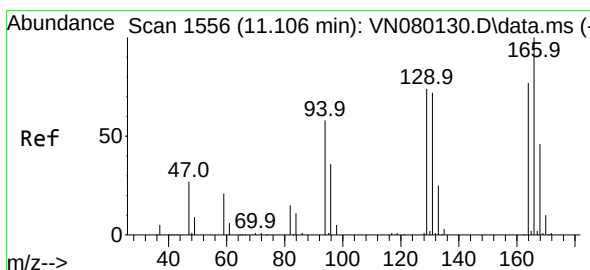
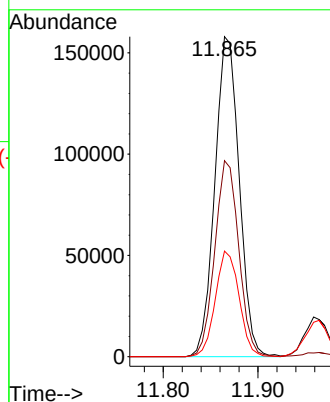
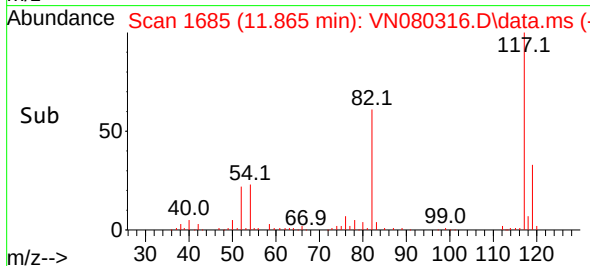
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion:117 Resp: 282960
Ion Ratio Lower Upper
117 100
82 61.2 44.0 66.0
119 33.0 25.6 38.4

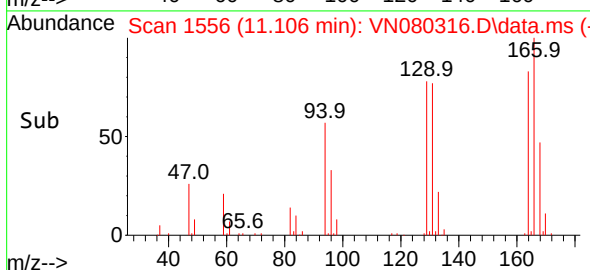
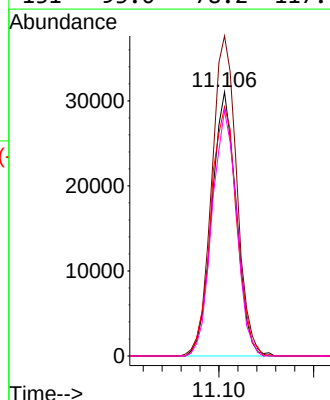
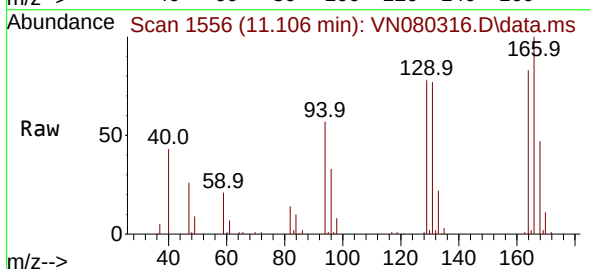
Manual Integrations
APPROVED

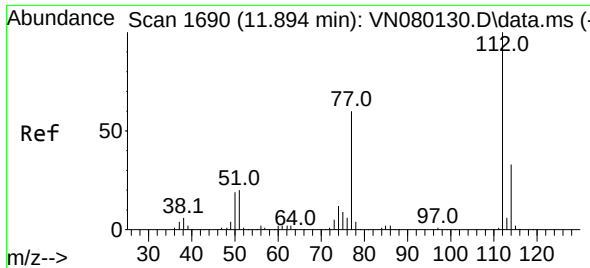
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#64
Tetrachloroethene
Concen: 25.802 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion:164 Resp: 55719
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.0
129 94.4 82.4 123.6
131 93.0 78.2 117.4





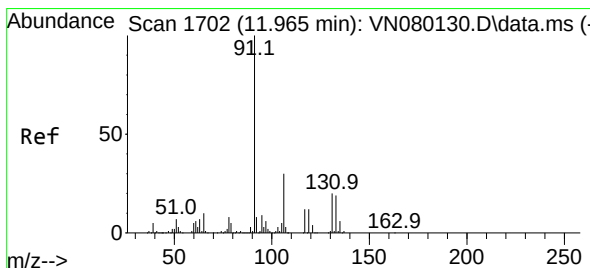
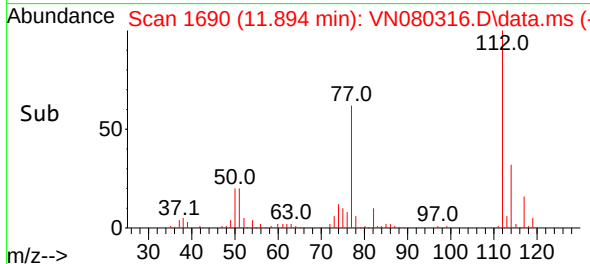
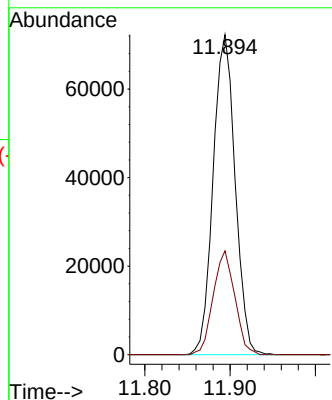
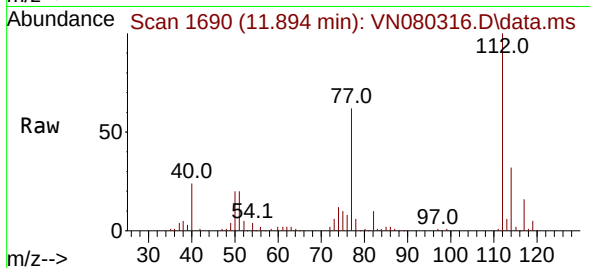
#65
Chlorobenzene
Concen: 20.216 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:112 Resp: 129610
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

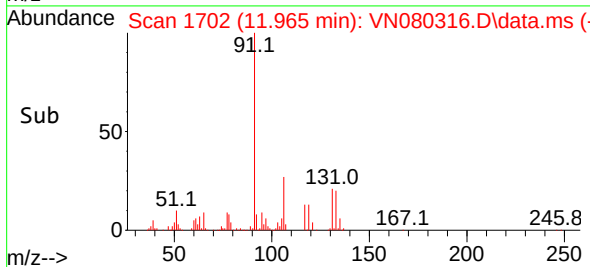
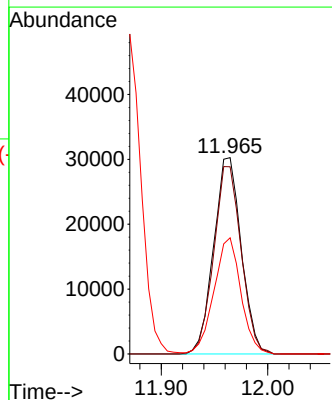
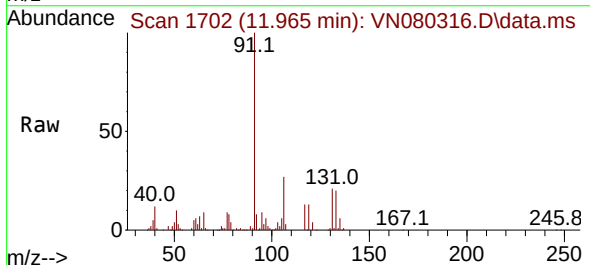
Manual Integrations
APPROVED

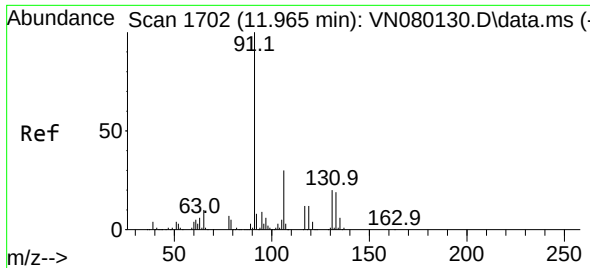
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.832 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

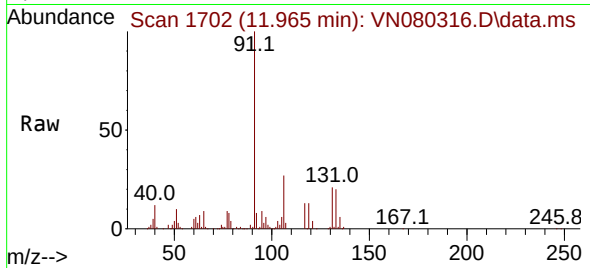
Tgt Ion:131 Resp: 54322
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 57.9 34.1 102.2





#67
Ethyl Benzene
Concen: 20.417 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

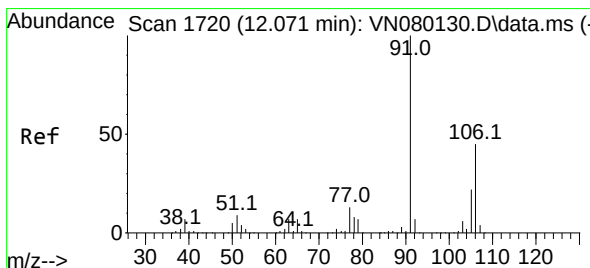
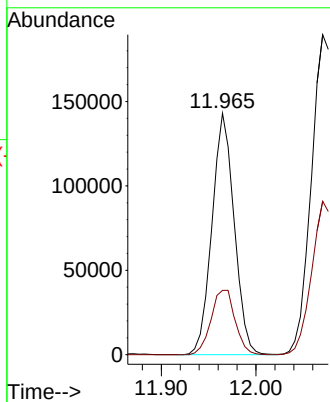
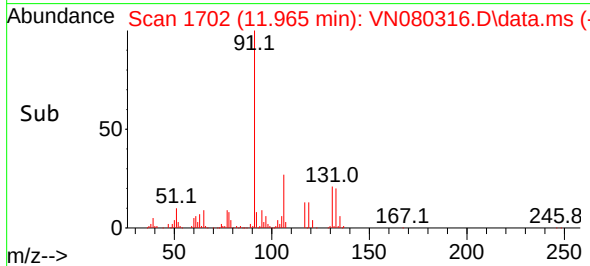
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



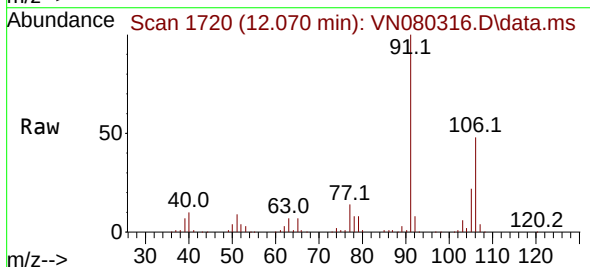
Tgt Ion: 91 Resp: 232939
Ion Ratio Lower Upper
91 100
106 26.6 25.6 38.4

Manual Integrations
APPROVED

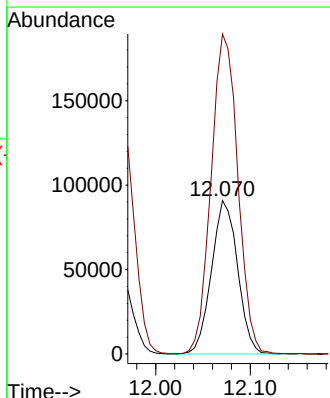
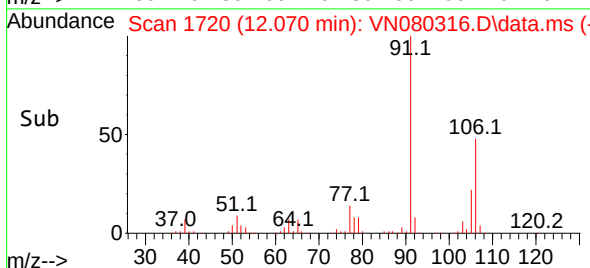
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

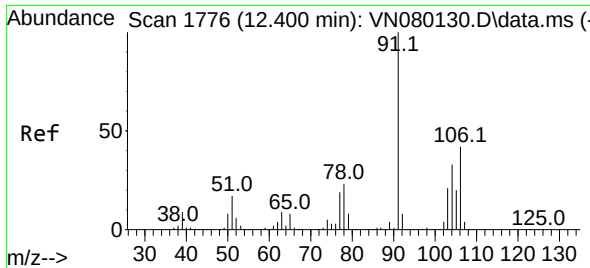


#68
m/p-Xylenes
Concen: 41.861 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion:106 Resp: 174136
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4





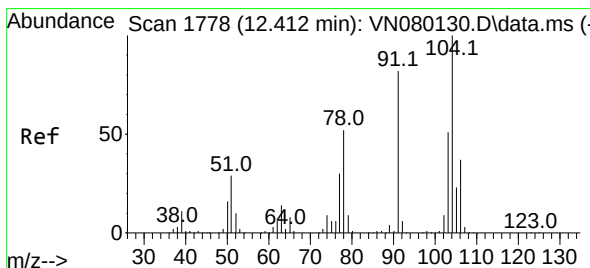
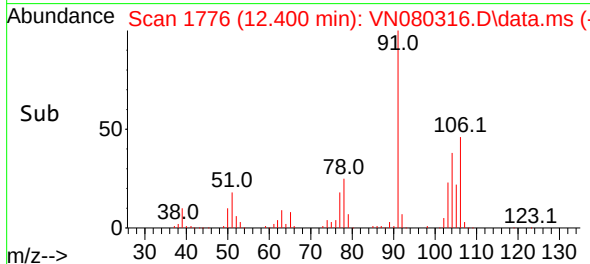
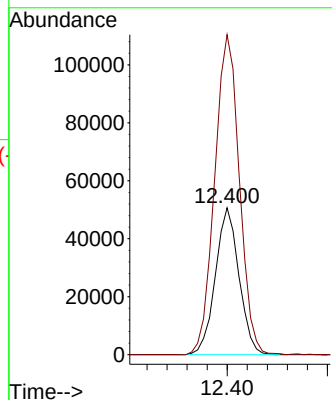
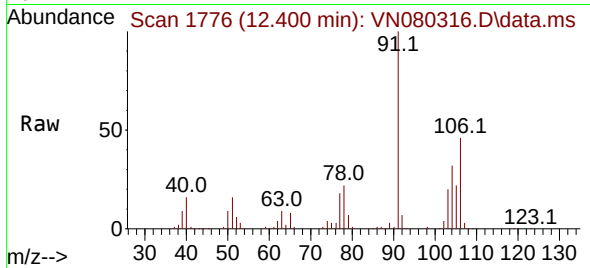
#69
o-Xylene
Concen: 21.093 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:106 Resp: 82698
Ion Ratio Lower Upper
106 100
91 228.7 105.2 315.5

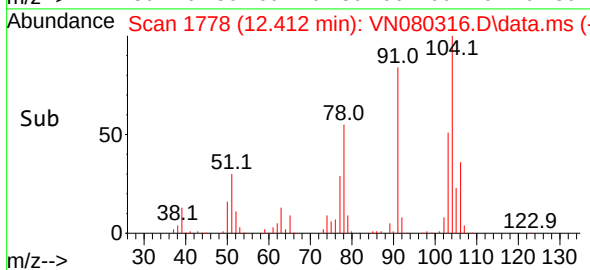
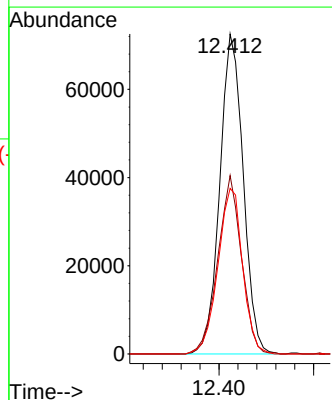
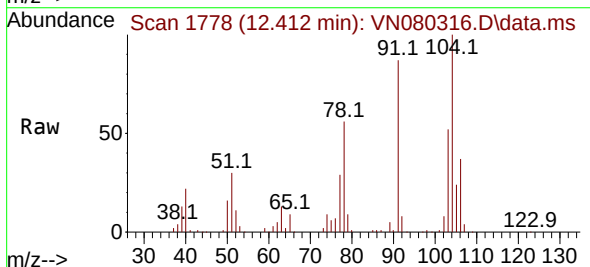
Manual Integrations
APPROVED

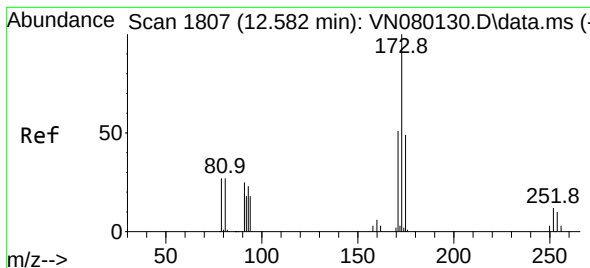
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#70
Styrene
Concen: 21.371 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

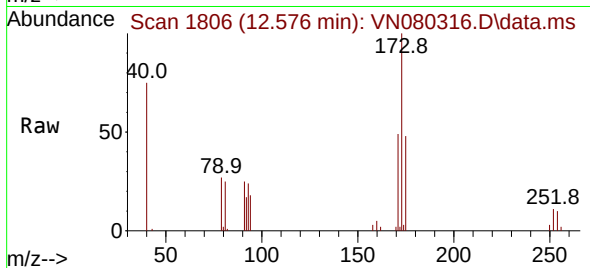
Tgt Ion:104 Resp: 124698
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 54.5 43.2 64.8





#71
Bromoform
Concen: 21.030 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

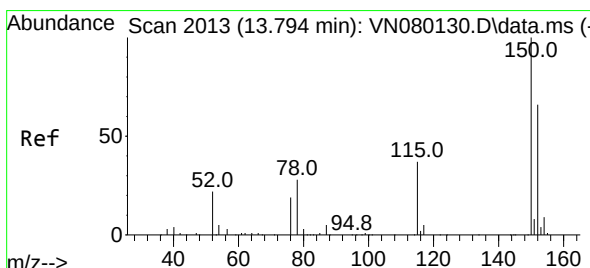
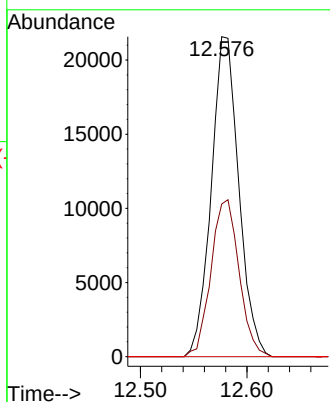
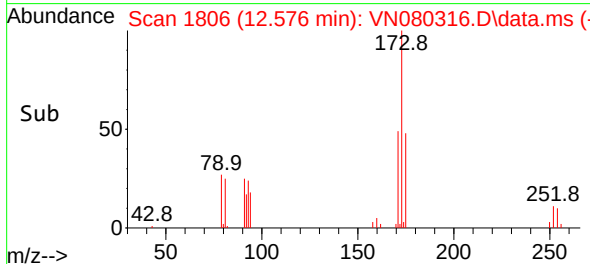
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



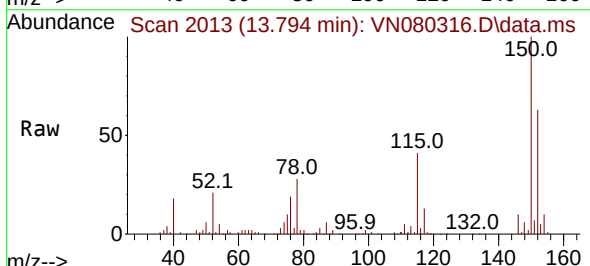
Tgt Ion:173 Resp: 38804
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

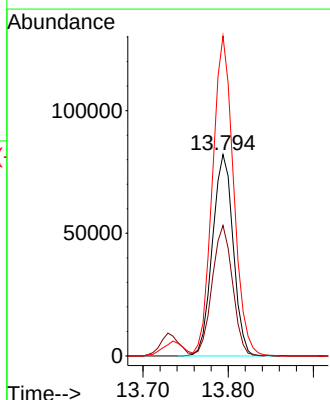
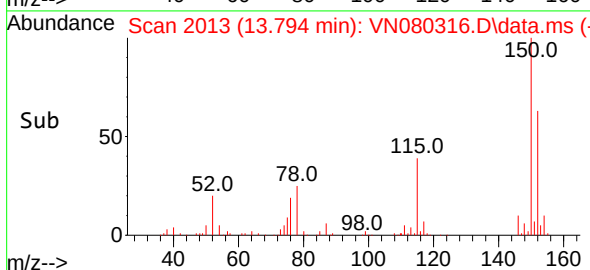
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

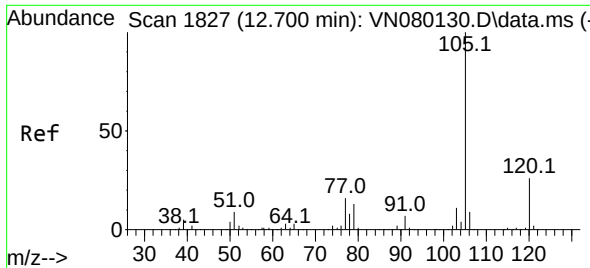


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion:152 Resp: 138397
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 161.8 0.0 355.8





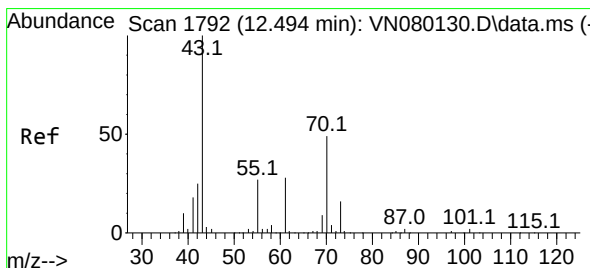
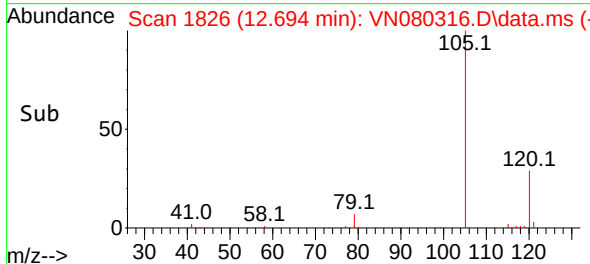
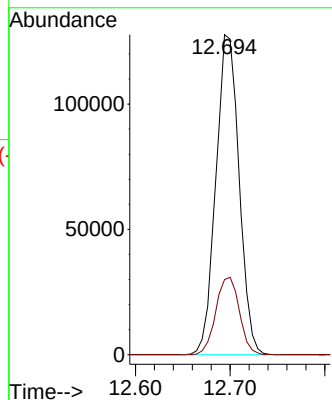
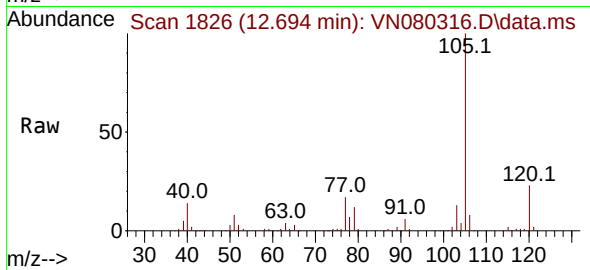
#73
Isopropylbenzene
Concen: 20.224 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:105 Resp: 21749
Ion Ratio Lower Upper
105 100
120 24.5 13.1 39.1

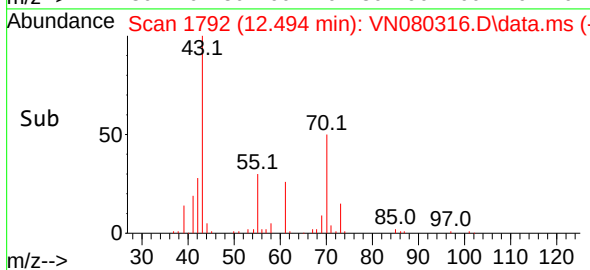
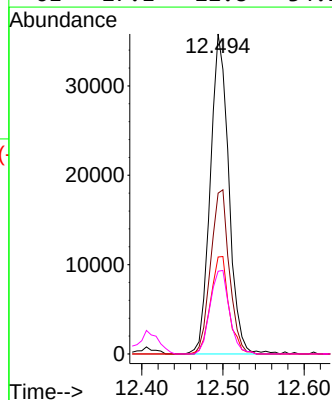
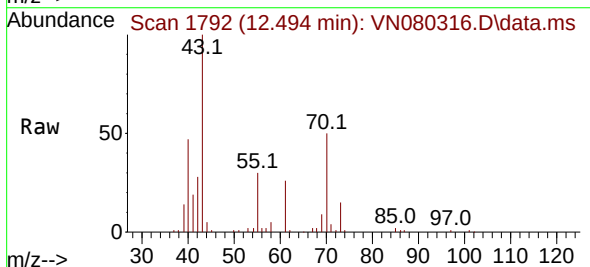
Manual Integrations
APPROVED

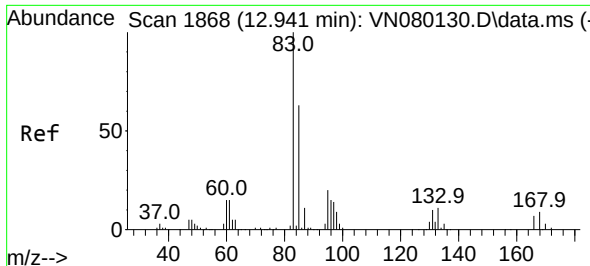
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#74
N-ethyl acetate
Concen: 16.861 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

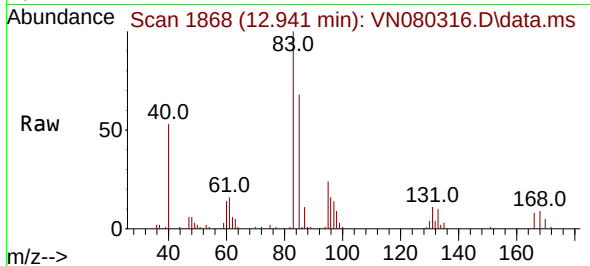
Tgt Ion: 43 Resp: 56546
Ion Ratio Lower Upper
43 100
70 51.7 43.4 65.2
55 30.1 21.4 32.0
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.570 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

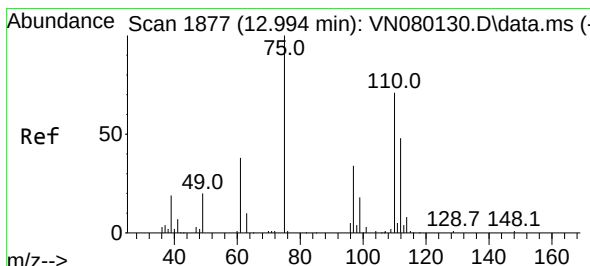
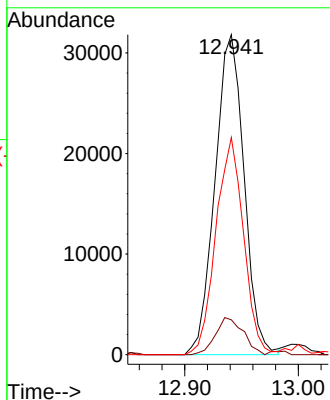
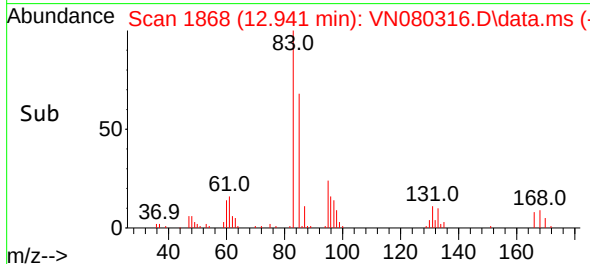
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 83 Resp: 56554
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 64.4 31.9 95.7

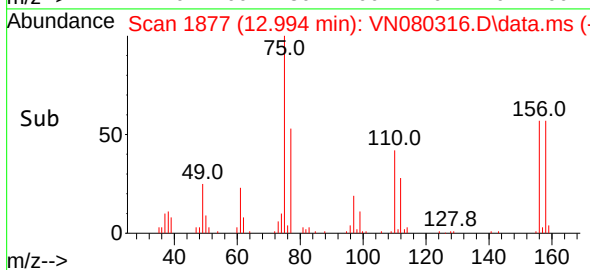
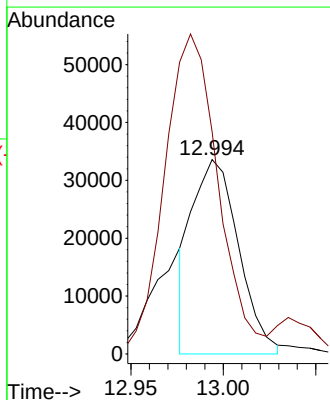
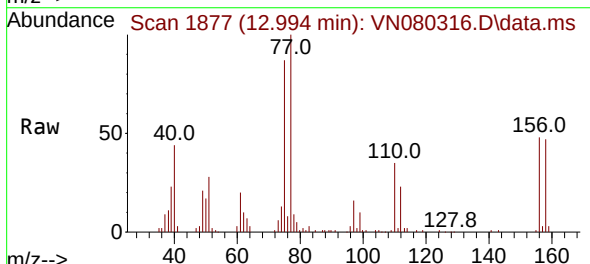
Manual Integrations
APPROVED

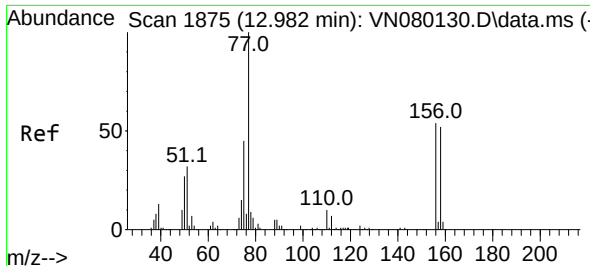
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#76
1,2,3-Trichloropropane
Concen: 17.276 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

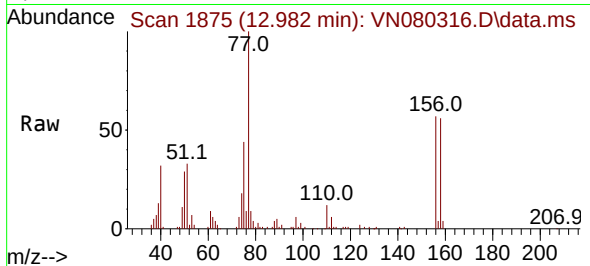
Tgt Ion: 75 Resp: 58581
Ion Ratio Lower Upper
75 100
77 191.5 84.5 253.5





#77
Bromobenzene
Concen: 20.409 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

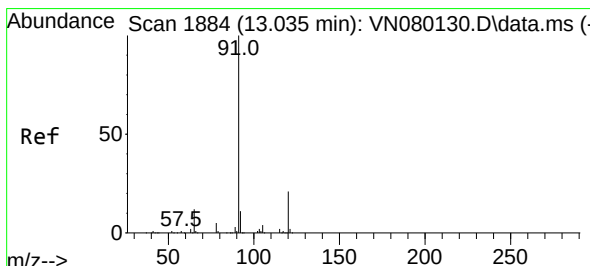
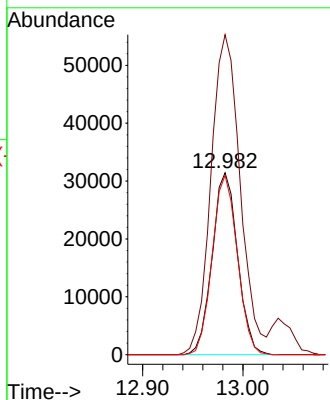
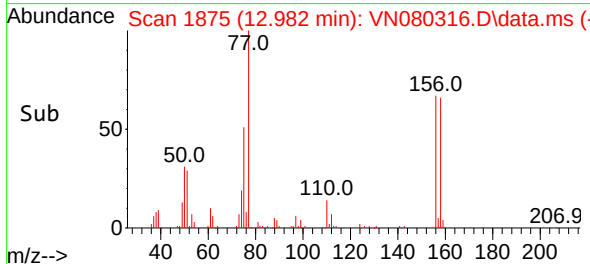
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



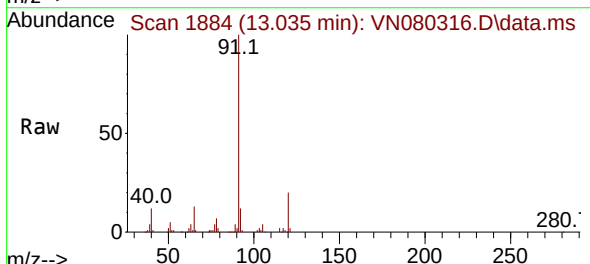
Tgt Ion:156 Resp: 55338
Ion Ratio Lower Upper
156 100
77 202.7 107.7 323.3
158 97.2 48.4 145.3

Manual Integrations
APPROVED

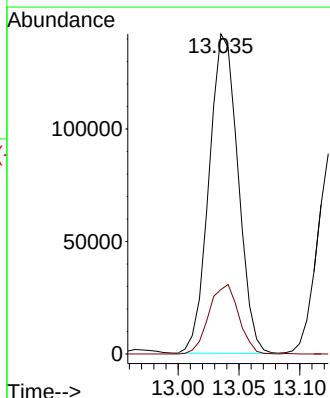
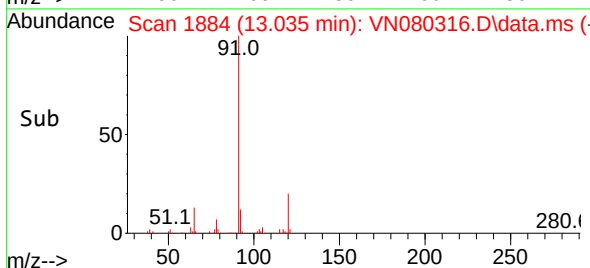
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

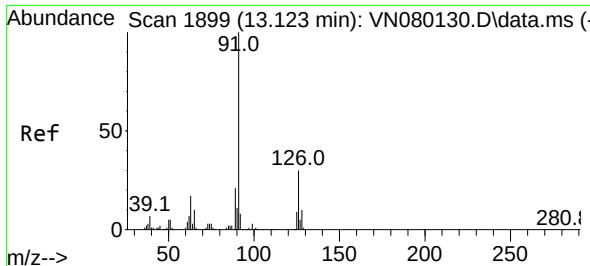


#78
n-propylbenzene
Concen: 19.578 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion: 91 Resp: 235446
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





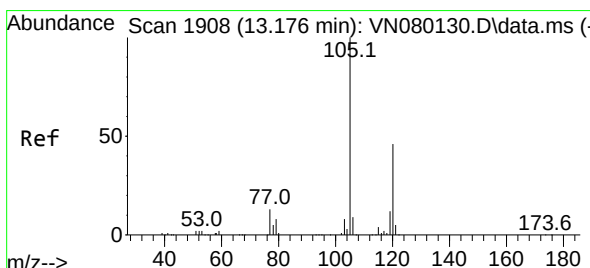
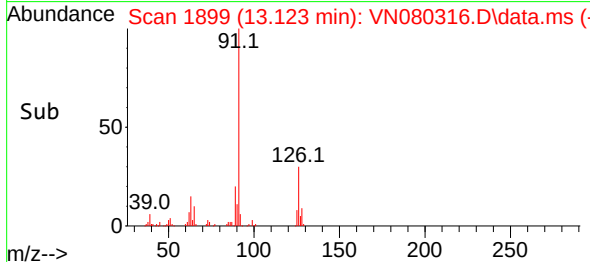
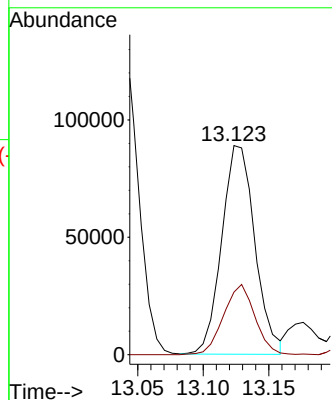
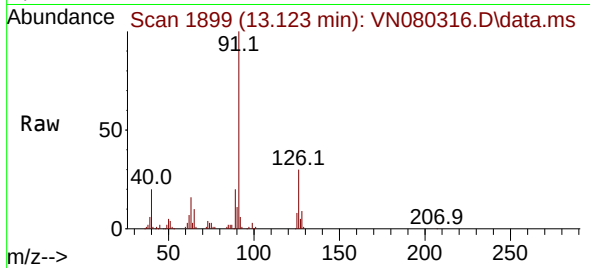
#79
2-Chlorotoluene
Concen: 20.014 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 91 Resp: 15632
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

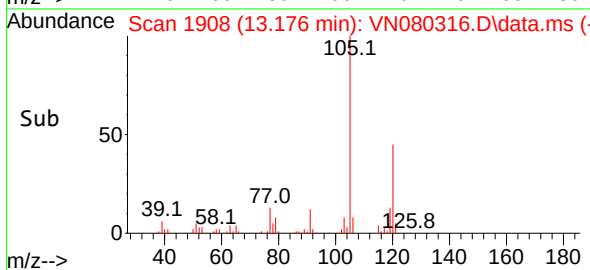
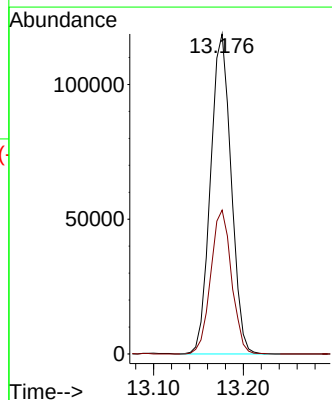
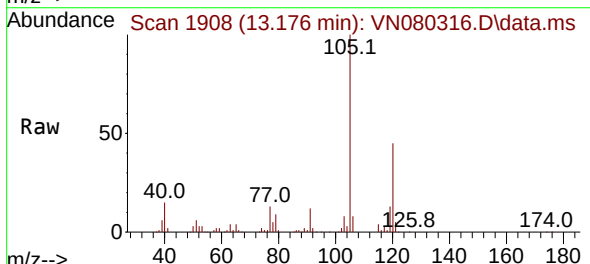
Manual Integrations
APPROVED

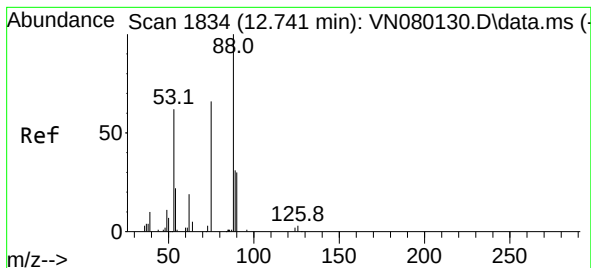
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.220 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

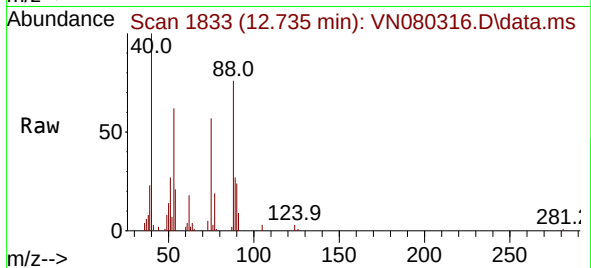
Tgt Ion:105 Resp: 189293
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.824 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

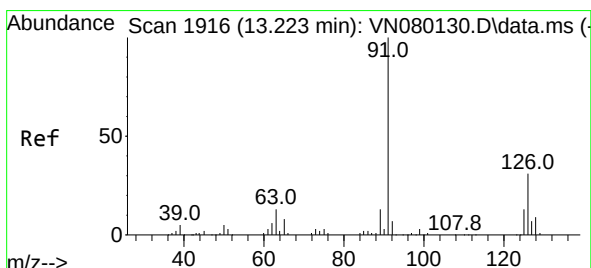
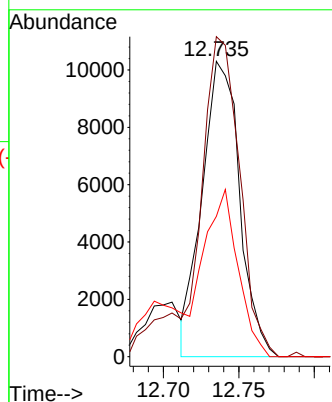
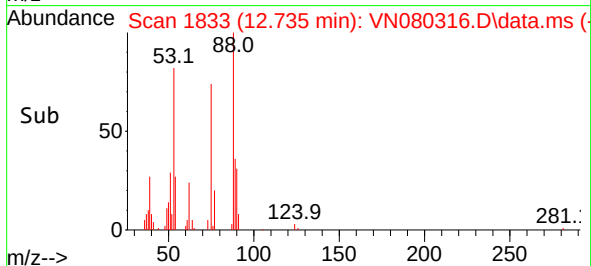
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 75 Resp: 17889
Ion Ratio Lower Upper
75 100
53 120.0 67.4 101.2
89 50.3 38.8 58.2

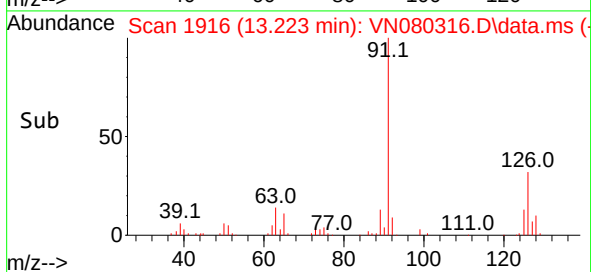
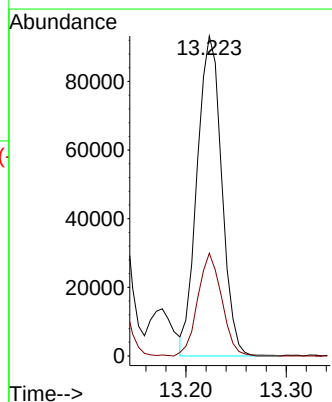
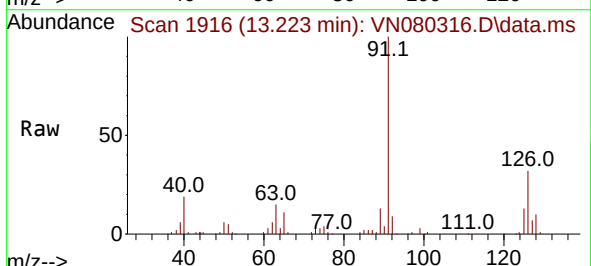
Manual Integrations
APPROVED

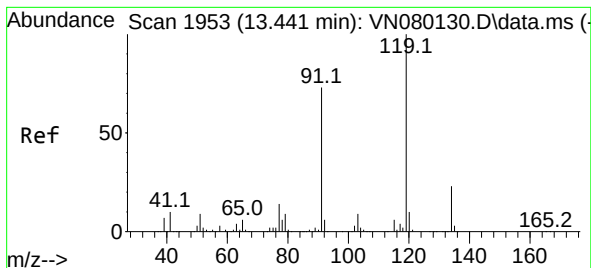
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#82
4-Chlorotoluene
Concen: 19.876 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

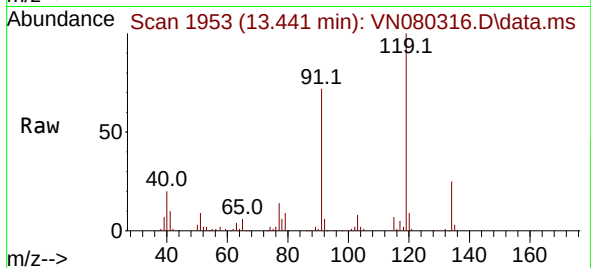
Tgt Ion: 91 Resp: 159044
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.625 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

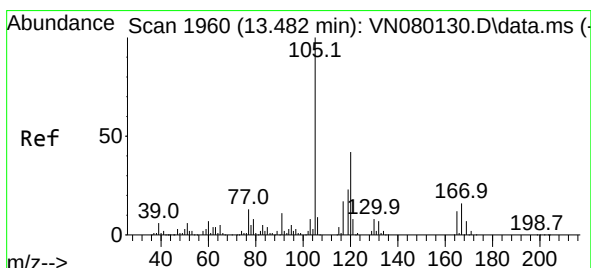
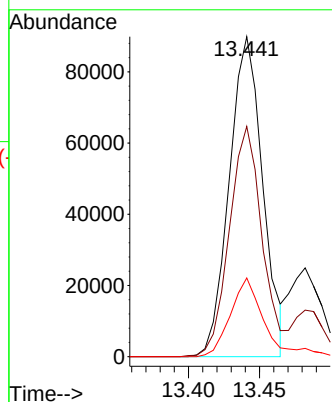
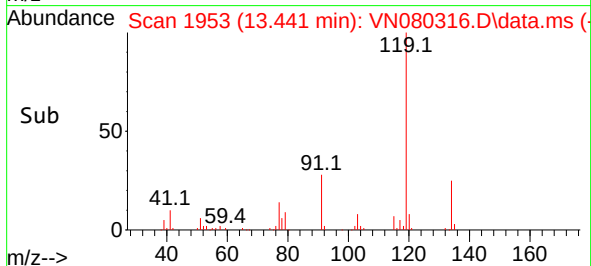
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



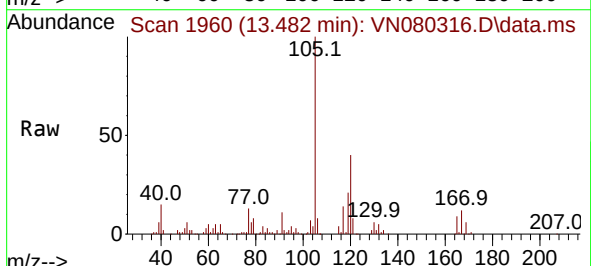
Tgt Ion:119 Resp: 147330
Ion Ratio Lower Upper
119 100
91 71.5 33.9 101.7
134 24.9 13.2 39.6

Manual Integrations
APPROVED

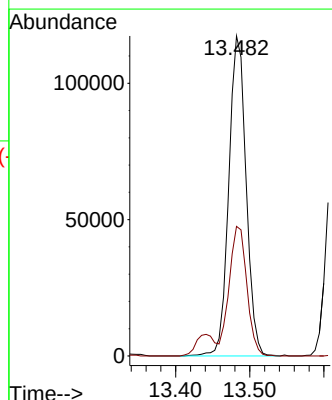
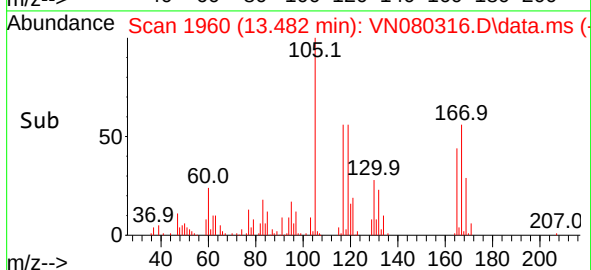
Reviewed By :John Carbone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

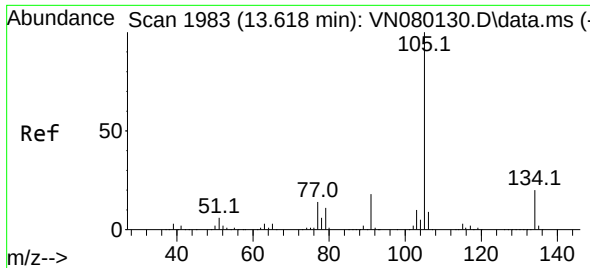


#84
1,2,4-Trimethylbenzene
Concen: 20.635 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48



Tgt Ion:105 Resp: 190220
Ion Ratio Lower Upper
105 100
120 41.1 22.0 66.0





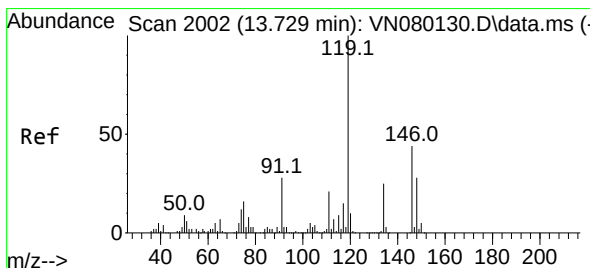
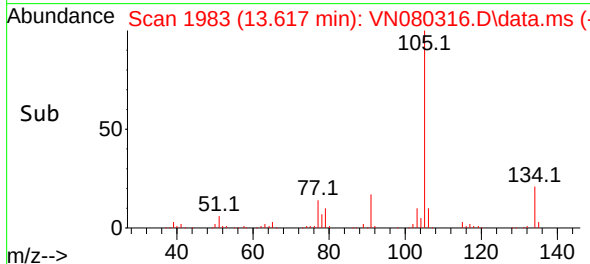
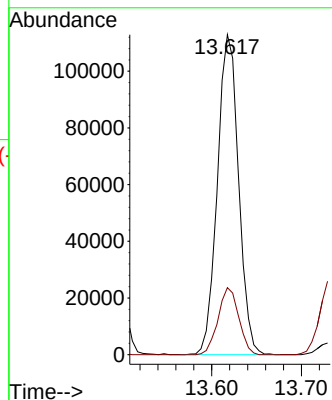
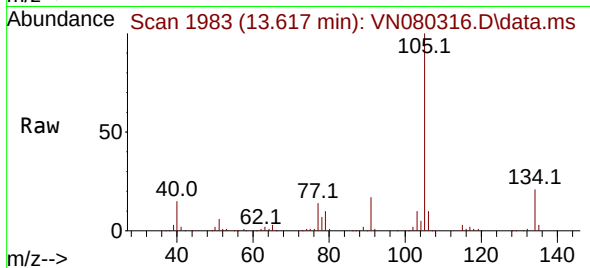
#85
 sec-Butylbenzene
 Concen: 19.482 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080316.D
 Acq: 01 Dec 2023 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tgt Ion:105 Resp: 18502
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

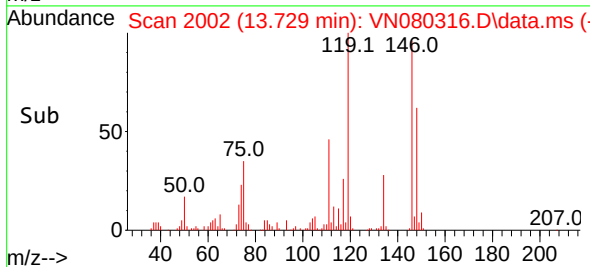
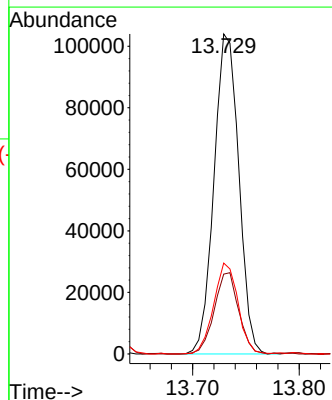
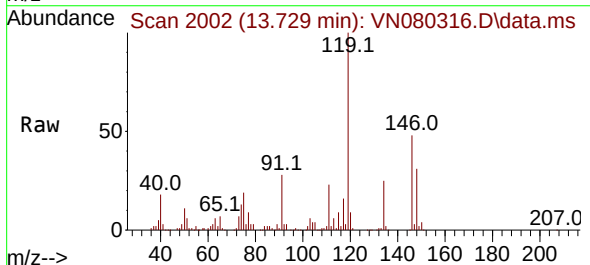
Manual Integrations
 APPROVED

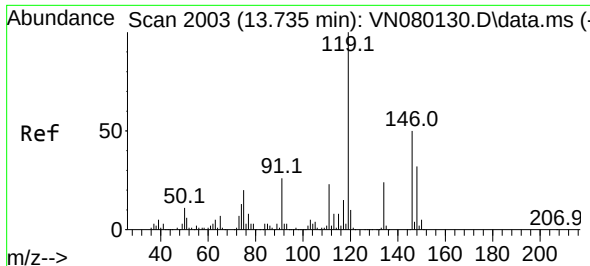
Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#86
 p-Isopropyltoluene
 Concen: 19.814 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080316.D
 Acq: 01 Dec 2023 11:48

Tgt Ion:119 Resp: 168101
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.9 12.4 37.2





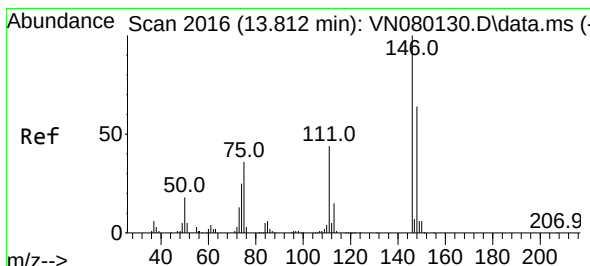
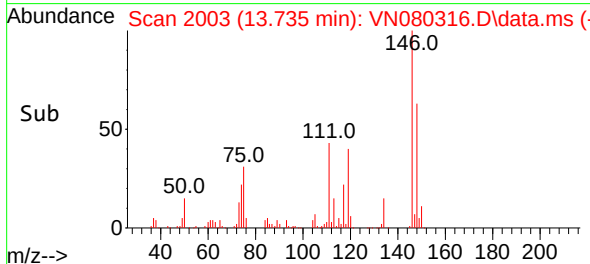
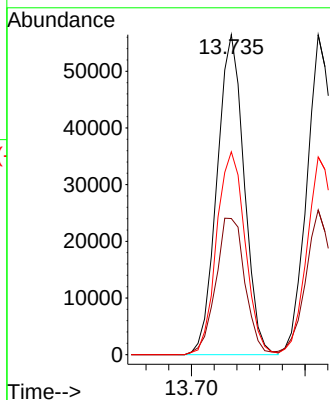
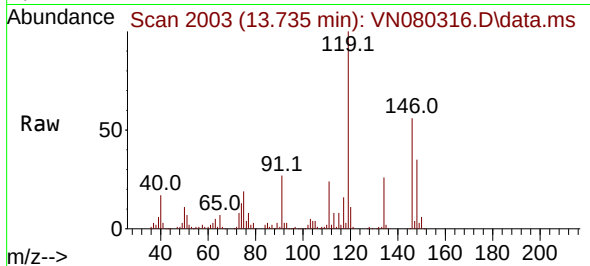
#87
1,3-Dichlorobenzene
Concen: 19.202 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:146 Resp: 93804
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.3
148 66.6 32.0 96.0

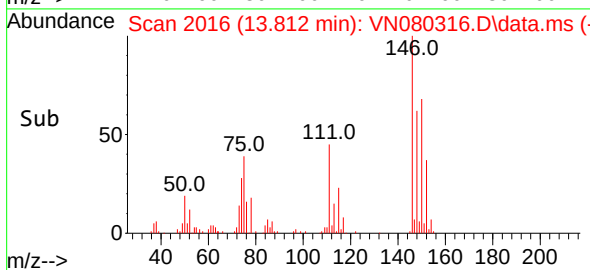
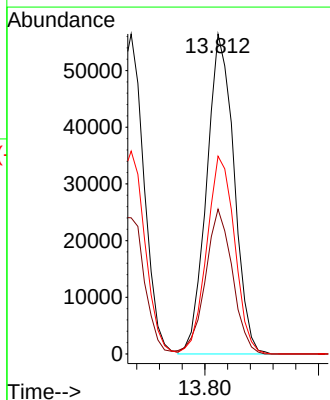
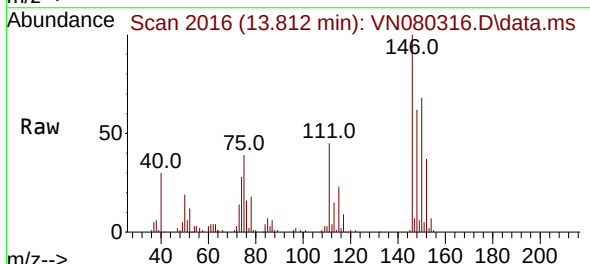
Manual Integrations
APPROVED

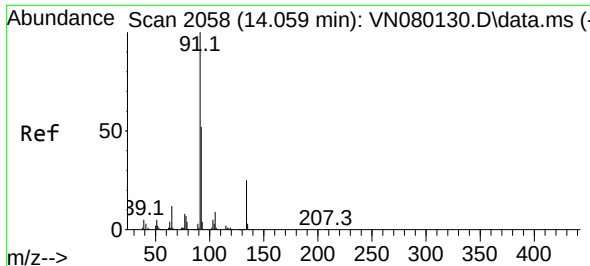
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#88
1,4-Dichlorobenzene
Concen: 19.259 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion:146 Resp: 94546
Ion Ratio Lower Upper
146 100
111 44.8 20.6 61.8
148 63.1 31.6 94.8





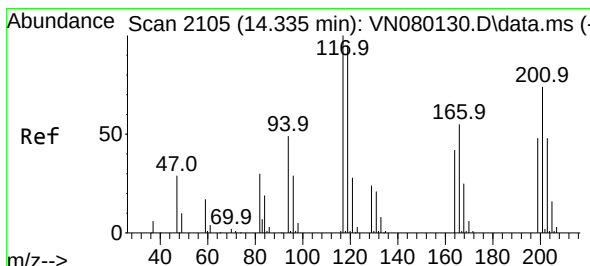
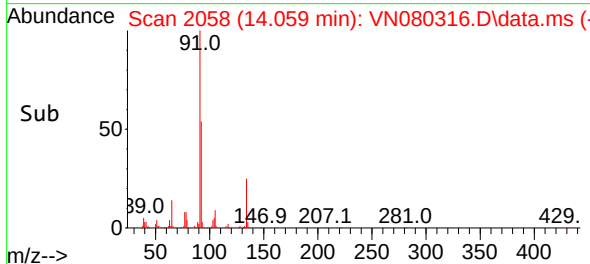
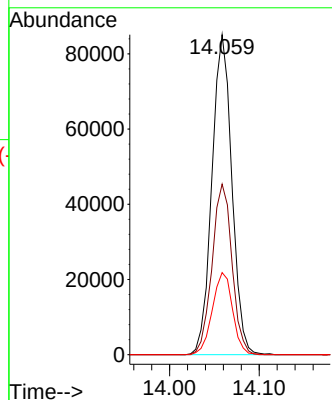
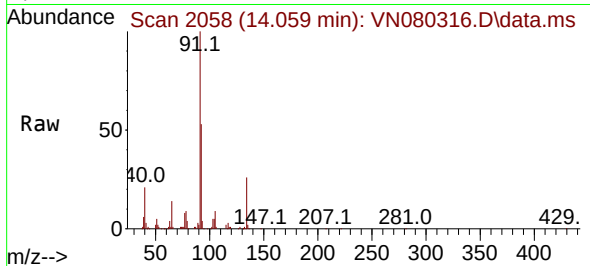
#89
n-Butylbenzene
Concen: 18.479 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 91 Resp: 131219
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 26.0 12.6 37.6

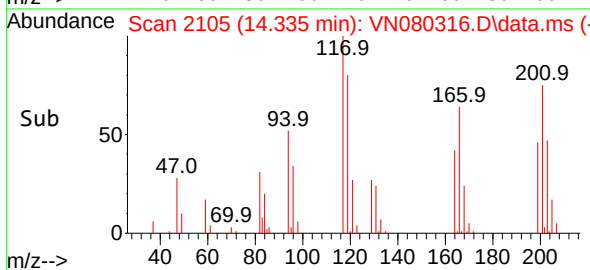
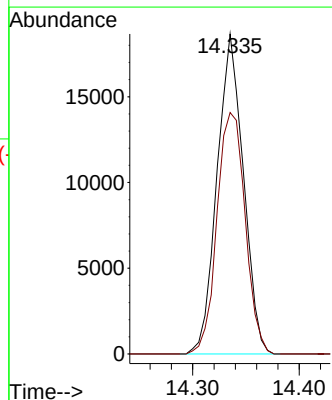
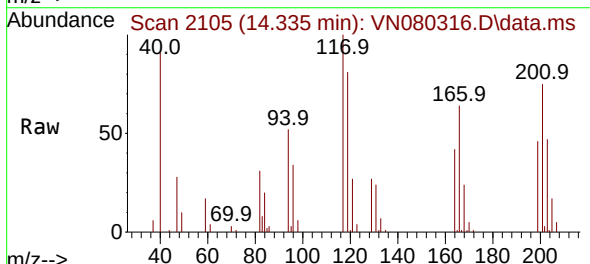
Manual Integrations
APPROVED

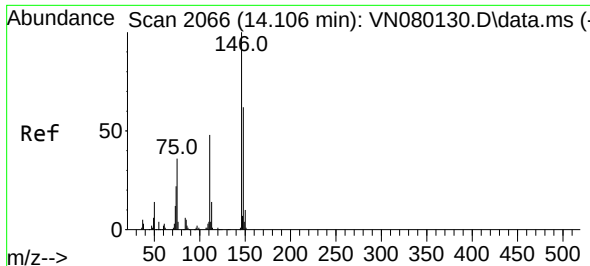
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#90
Hexachloroethane
Concen: 19.344 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion:117 Resp: 31994
Ion Ratio Lower Upper
117 100
201 80.9 29.3 88.0





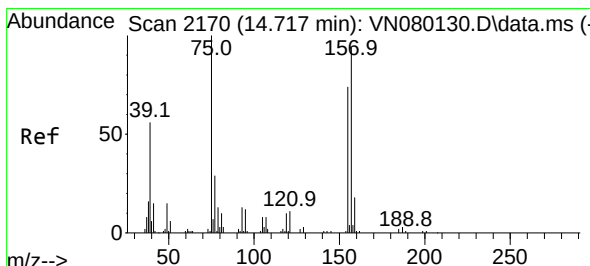
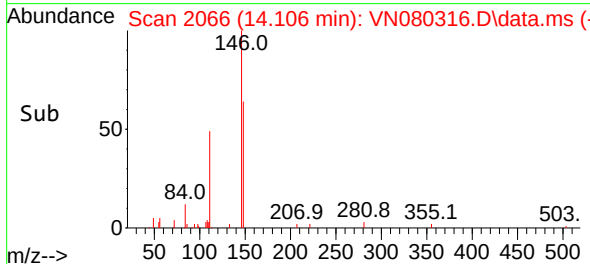
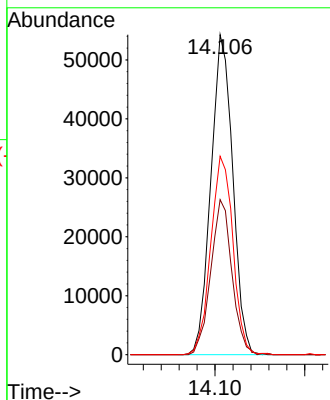
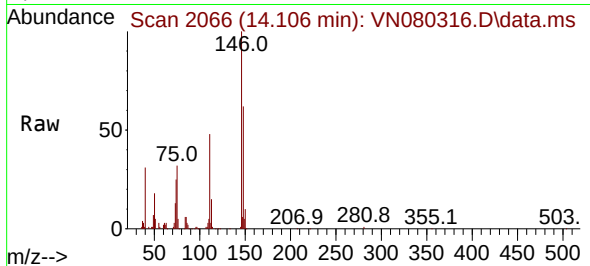
#91
1,2-Dichlorobenzene
Concen: 19.608 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:146 Resp: 9166
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 63.1 31.8 95.3

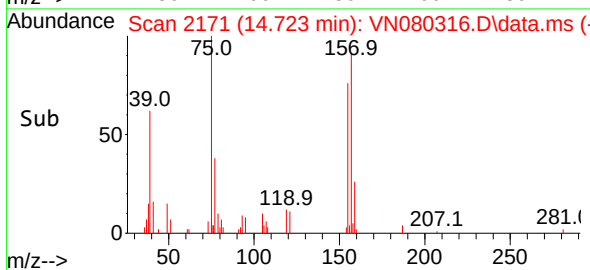
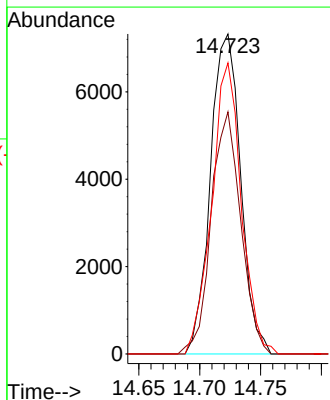
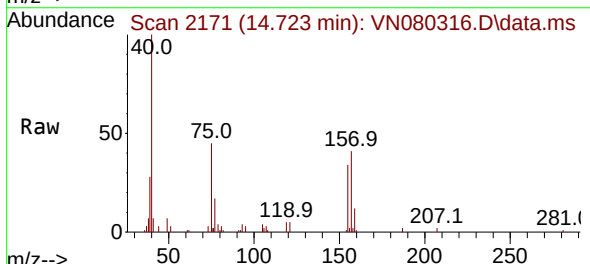
Manual Integrations
APPROVED

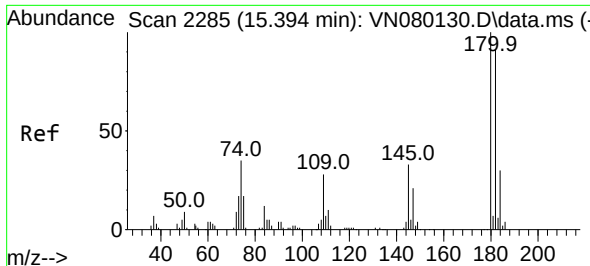
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.928 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

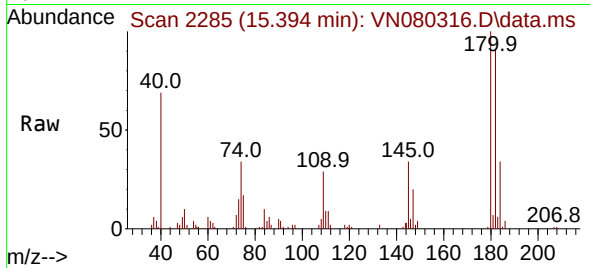
Tgt Ion: 75 Resp: 12656
Ion Ratio Lower Upper
75 100
155 74.2 39.1 117.2
157 89.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.028 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

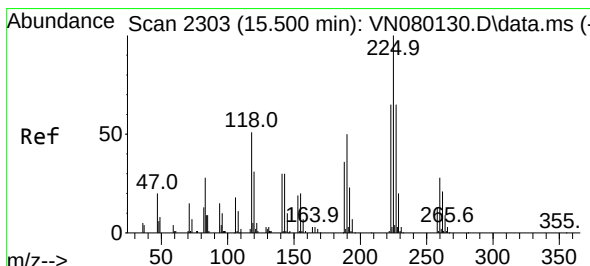
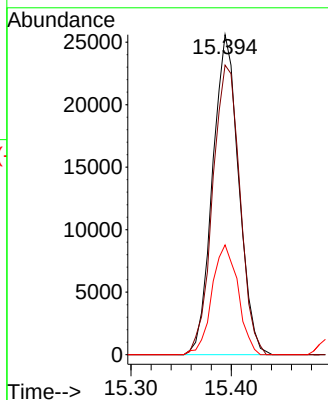
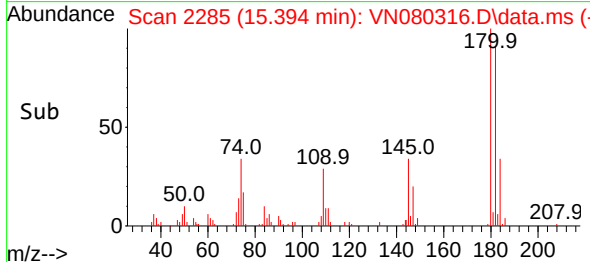
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion:180 Resp: 46290
Ion Ratio Lower Upper
180 100
182 94.3 46.1 138.2
145 34.3 16.6 49.8

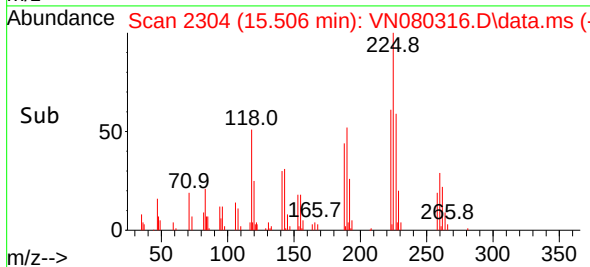
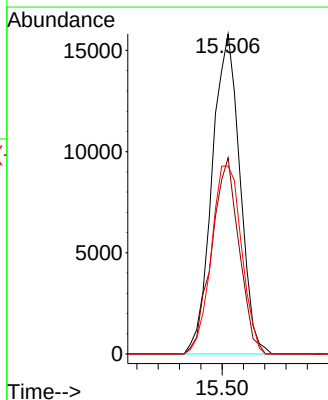
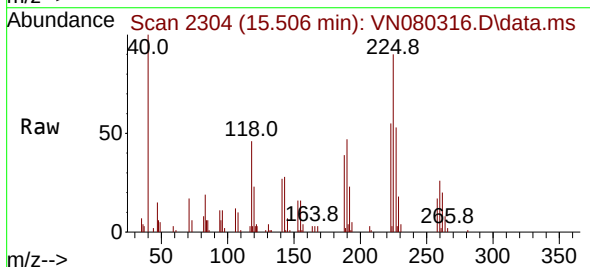
Manual Integrations
APPROVED

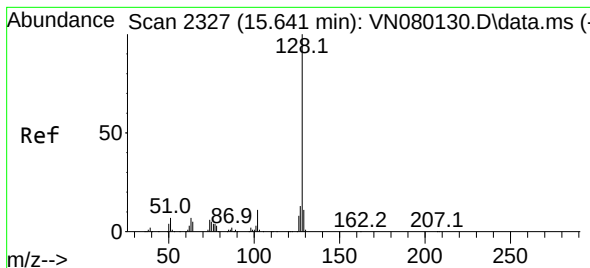
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#94
Hexachlorobutadiene
Concen: 18.267 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080316.D
Acq: 01 Dec 2023 11:48

Tgt Ion:225 Resp: 28581
Ion Ratio Lower Upper
225 100
223 60.4 31.3 93.8
227 64.1 31.9 95.9





#95

Naphthalene

Concen: 15.066 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion:128 Resp: 11878

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

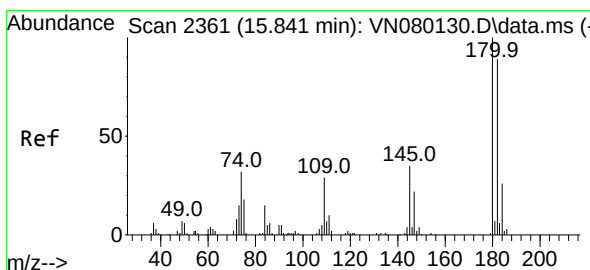
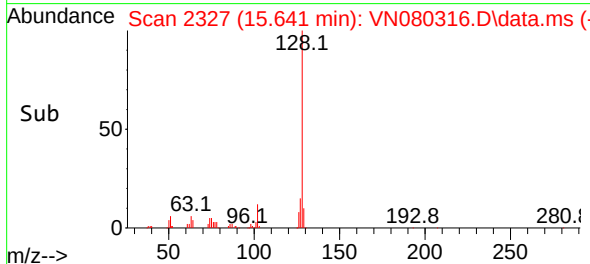
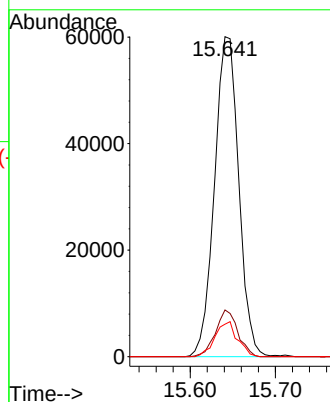
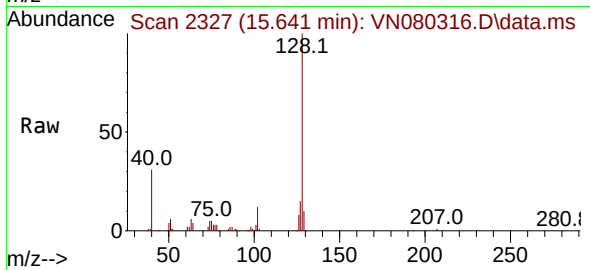
129 10.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.772 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080316.D

Acq: 01 Dec 2023 11:48

Tgt Ion:180 Resp: 45290

Ion Ratio Lower Upper

180 100

182 91.4 46.2 138.6

145 35.0 17.5 52.6

