

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079991.D
 Acq On : 08 Nov 2023 14:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 03:47:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 08 15:03:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	80033	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	428416	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	395353	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	203060	30.225	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%			
60) 4-Bromofluorobenzene	12.853	95	181203	28.661	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.533%			
63) Toluene-d8	10.570	98	560492	29.921	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	24444	4.684	ug/l	99
3) Chloromethane	2.359	50	33941	5.163	ug/l	100
4) Vinyl Chloride	2.512	62	25417	4.627	ug/l	90
5) Bromomethane	2.953	94	15712	5.224	ug/l	98
6) Chloroethane	3.124	64	15606m	4.876	ug/l	
7) Trichlorofluoromethane	3.494	101	39554	4.798	ug/l	97
8) Diethyl Ether	3.971	74	14041	4.744	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	22578	4.847	ug/l	69
10) 1,1-Dichloroethene	4.341	96	21623	5.248	ug/l	88
11) Methyl Iodide	4.588	142	24030	4.409	ug/l	93
12) Methyl Acetate	5.030	43	53253	4.985	ug/l	94
13) Acrolein	4.183	56	23158	25.657	ug/l	99
14) Acrylonitrile	5.724	53	59572	23.477	ug/l #	58
15) Acetone	4.436	58	17817m	20.795	ug/l	
16) Carbon Disulfide	4.712	76	70335	4.999	ug/l	97
17) Allyl chloride	5.024	41	34338	4.769	ug/l	94
18) Methylene Chloride	5.283	84	29078	5.262	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	25490	4.991	ug/l	95
20) Diisopropyl ether	6.671	45	77114	4.583	ug/l	91
21) 1,1-Dichloroethane	6.577	63	48718	4.851	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	29526	4.982	ug/l	94
23) tert-Butyl Alcohol	5.524	59	17103m	26.564	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	70750	4.663	ug/l	99
25) Chloroform	7.971	83	52279	5.043	ug/l	87
26) Cyclohexane	8.259	56	34154	4.323	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	36090	4.908	ug/l	99
30) 2-Butanone	7.488	43	80600	22.953	ug/l	100
31) 2,2-Dichloropropane	7.494	77	38133	4.798	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	42462	5.059	ug/l	99
33) Carbon Tetrachloride	8.365	117	37284	5.053	ug/l	92
34) Benzene	8.612	78	110338	5.052	ug/l	95
35) Methacrylonitrile	7.782	41	17818	4.840	ug/l	80
36) 1,2-Dichloroethane	8.676	62	41199	5.212	ug/l	100
37) Trichloroethene	9.353	130	26607	5.065	ug/l	98
38) Methylcyclohexane	9.606	83	30831	4.466	ug/l	97
39) 1,2-Dichloropropane	9.623	63	29472	5.098	ug/l	93
40) Dibromomethane	9.718	93	18696	5.003	ug/l	96
41) Bromodichloromethane	9.894	83	39299	5.078	ug/l	94
42) Vinyl Acetate	6.606	43	199338	22.854	ug/l	100

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VSTDICC005

Manual Integrations

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Quant Time: Nov 09 03:47:32 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M

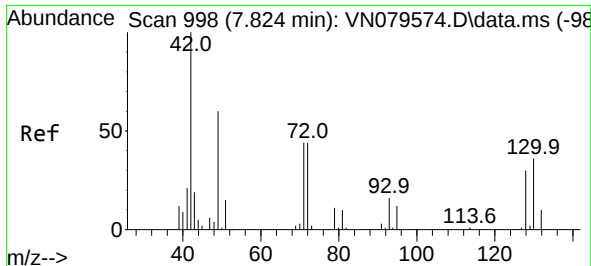
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Nov 08 15:03:03 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	33615	5.096	ug/l	99
44) Isopropyl Acetate	8.688	43	51040	4.749	ug/l	94
45) 1,4-Dioxane	9.700	88	7742	93.466	ug/l #	90
46) Methyl methacrylate	9.682	41	22881	4.428	ug/l	94
47) n-amyl Acetate	12.500	43	35751	4.141	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	35892	4.541	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	40261	4.608	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	26343	5.168	ug/l	95
51) Ethyl methacrylate	10.876	69	32041	4.373	ug/l	95
52) 1,3-Dichloropropane	11.165	76	43699	4.795	ug/l	93
53) Dibromochloromethane	11.359	129	26697	4.896	ug/l	100
54) 1,2-Dibromoethane	11.470	107	25885	5.057	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	66632	19.773	ug/l	97
56) Bromoform	12.582	173	16772	4.693	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	151549	22.945	ug/l	98
59) 2-Hexanone	11.200	43	110235	21.909	ug/l	100
61) Tetrachloroethene	11.106	164	24223	5.226	ug/l	89
62) Toluene	10.635	91	114402	5.003	ug/l	98
64) Chlorobenzene	11.894	112	68163	4.995	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.964	131	24181	4.831	ug/l	96
66) Ethyl Benzene	11.964	91	109801	4.570	ug/l	99
67) m/p-Xylenes	12.076	106	78149	8.736	ug/l	94
68) o-Xylene	12.400	106	38372	4.475	ug/l	100
69) Styrene	12.417	104	60917	4.292	ug/l	99
70) Isopropylbenzene	12.700	105	93156	4.356	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	37052	5.086	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	34131m	3.658	ug/l	
73) Bromobenzene	12.982	156	25418	4.834	ug/l	95
74) n-propylbenzene	13.041	91	112044	4.379	ug/l	99
75) 2-Chlorotoluene	13.129	91	76323	4.693	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	75930	4.292	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	9697	4.375	ug/l	88
78) 4-Chlorotoluene	13.223	91	72035	4.460	ug/l	97
79) tert-butylbenzene	13.441	119	58386	4.214	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	71278	4.109	ug/l	98
81) sec-Butylbenzene	13.617	105	83089	4.249	ug/l	100
82) p-Isopropyltoluene	13.729	119	62442	3.932	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	44091	4.602	ug/l	96
84) 1,4-Dichlorobenzene	13.817	146	43587	4.635	ug/l	99
85) n-Butylbenzene	14.058	91	51145	3.850	ug/l	97
86) Hexachloroethane	14.335	117	14358	4.649	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	43861	4.792	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.729	75	6260	4.699	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	18309	4.318	ug/l	94
90) Hexachlorobutadiene	15.505	225	9870	4.723	ug/l	95
91) Naphthalene	15.647	128	55214	4.057	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	18309	4.318	ug/l	94

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



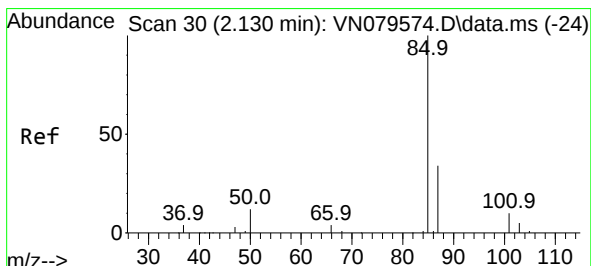
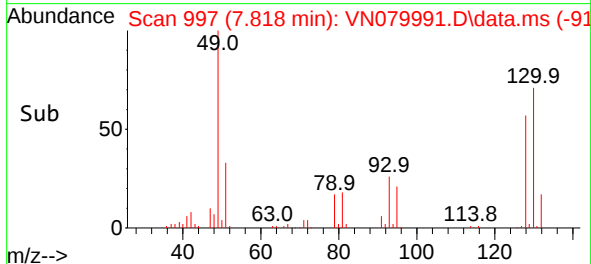
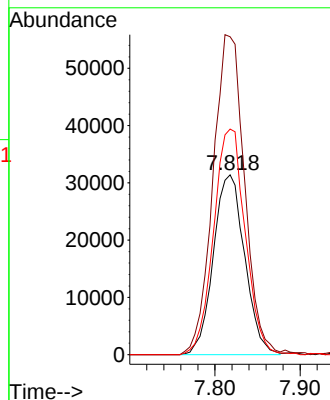
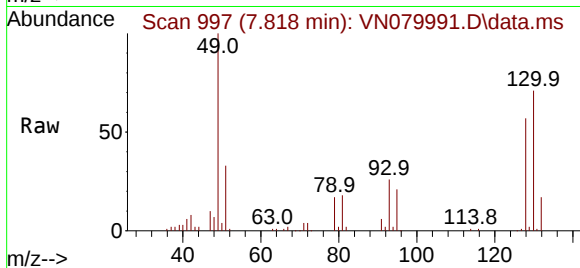
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 8003
Ion Ratio Lower Upper
128 100
49 179.0 0.0 468.5
130 127.0 0.0 320.7

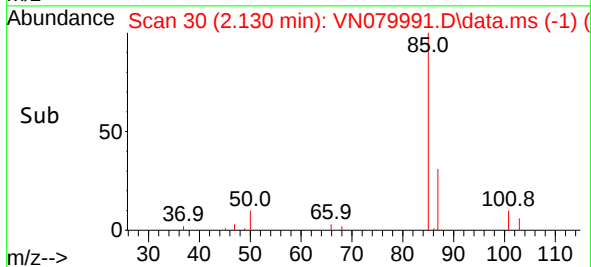
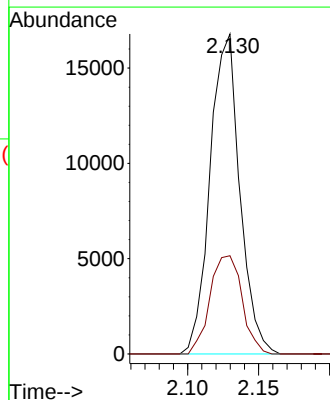
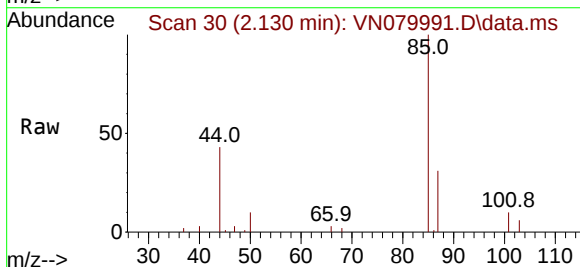
Manual Integrations
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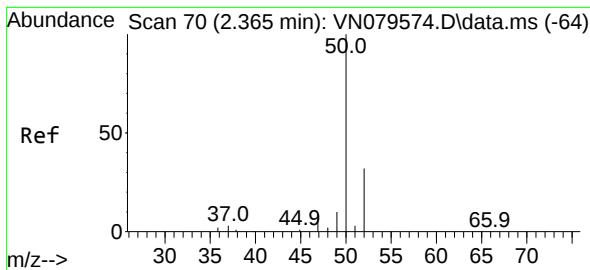
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#2
Dichlorodifluoromethane
Concen: 4.684 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 85 Resp: 24444
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.7





#3

Chloromethane

Concen: 5.163 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 3394

Ion Ratio Lower Upper

50 100

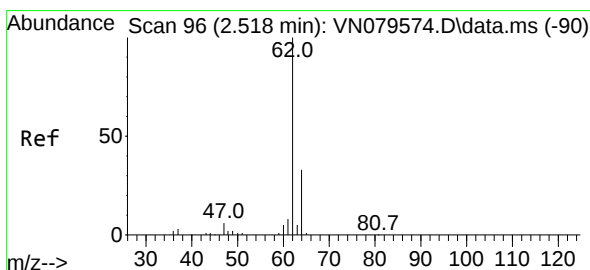
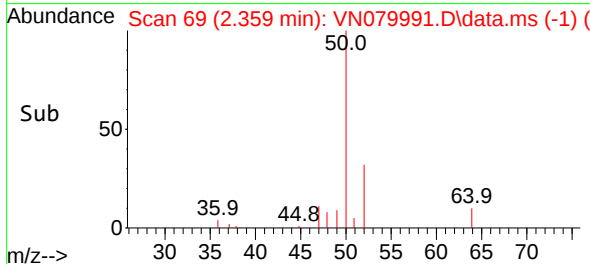
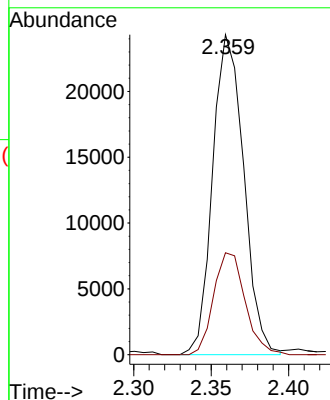
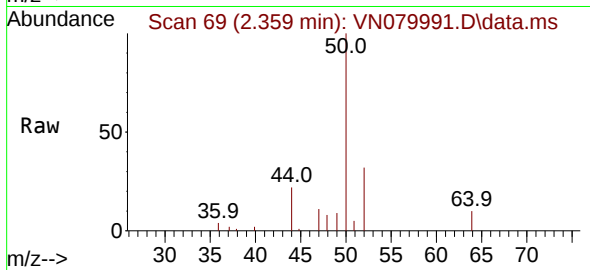
52 31.9 25.6 38.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 11/09/2023



#4

Vinyl Chloride

Concen: 4.627 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079991.D

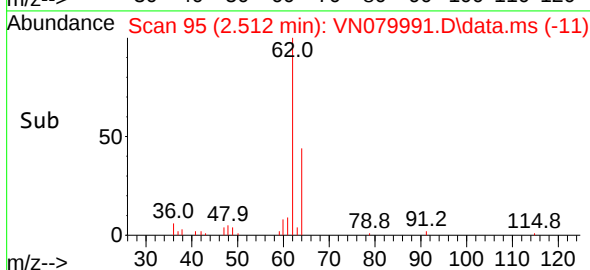
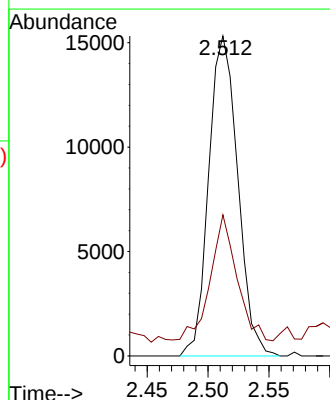
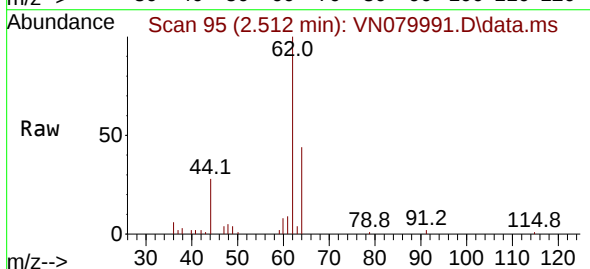
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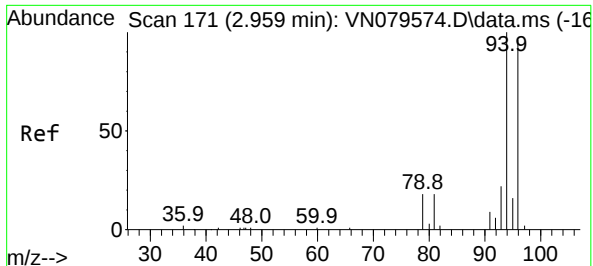
Tgt Ion: 62 Resp: 25417

Ion Ratio Lower Upper

62 100

64 38.9 26.4 39.6





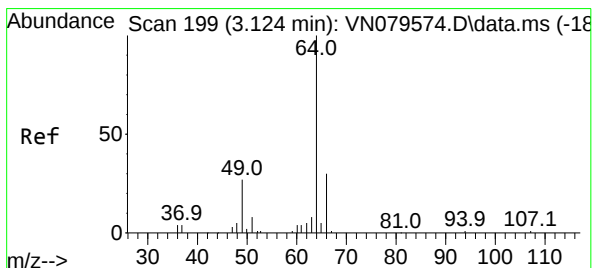
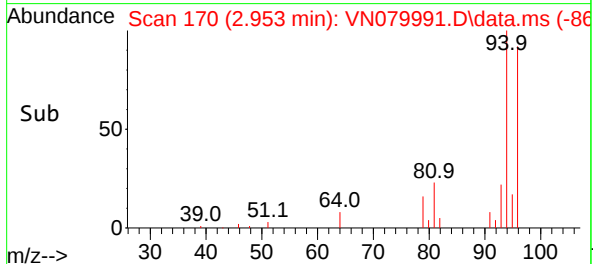
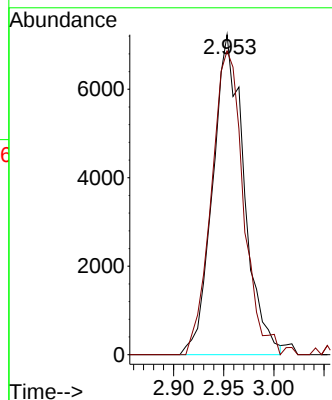
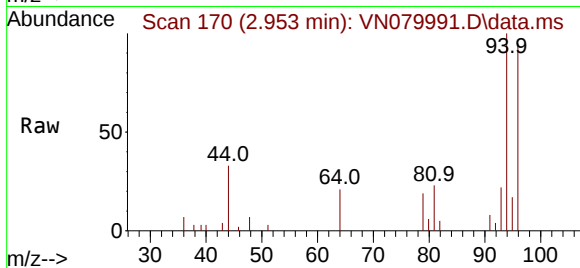
#5
Bromomethane
Concen: 5.224 ug/l
RT: 2.953 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 15712
Ion Ratio Lower Upper
94 100
96 95.0 77.8 116.6

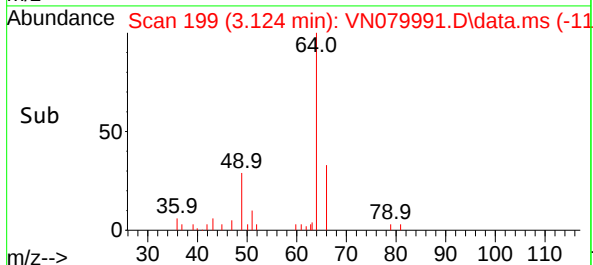
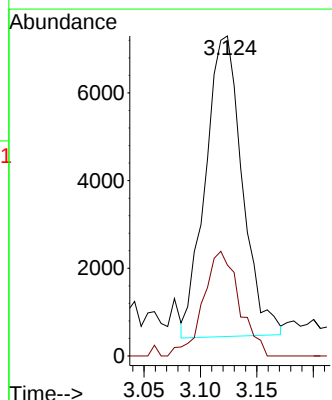
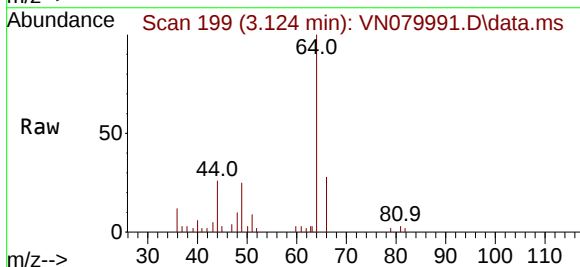
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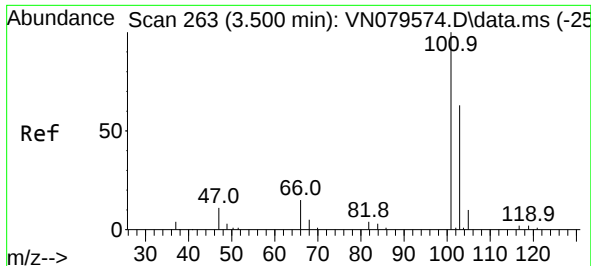
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#6
Chloroethane
Concen: 4.876 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 64 Resp: 15606
Ion Ratio Lower Upper
64 100
66 28.4 23.3 34.9





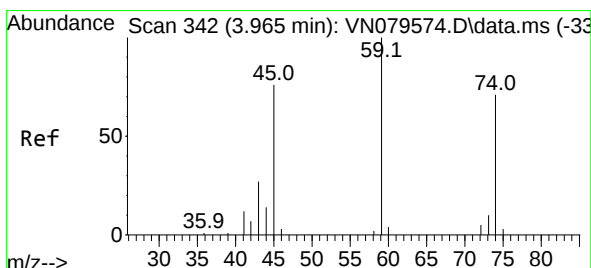
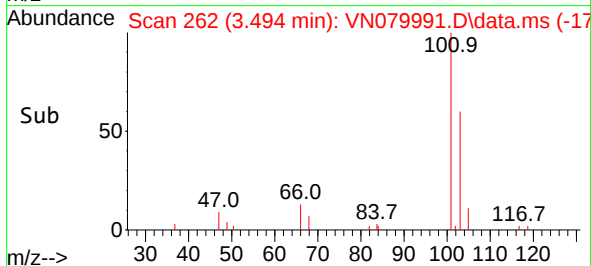
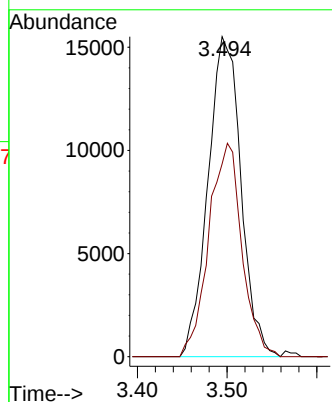
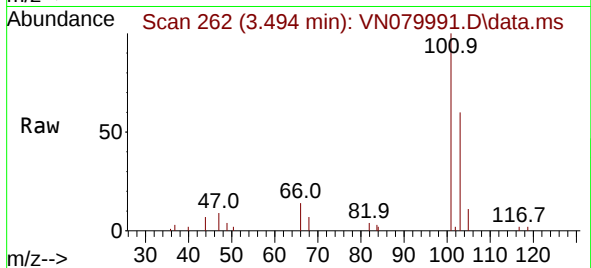
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Trichlorofluoromethane
Concen: 4.798 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
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ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 39554
Ion Ratio Lower Upper
101 100
103 60.2 49.9 74.9

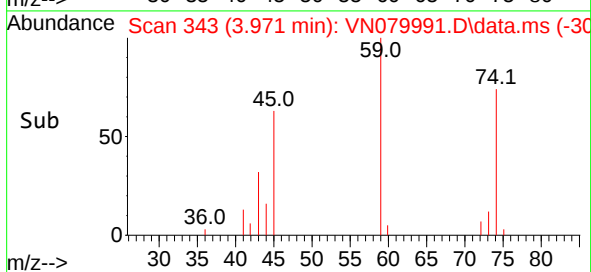
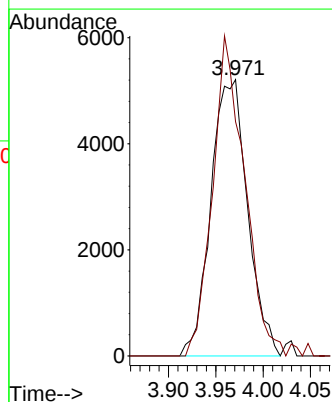
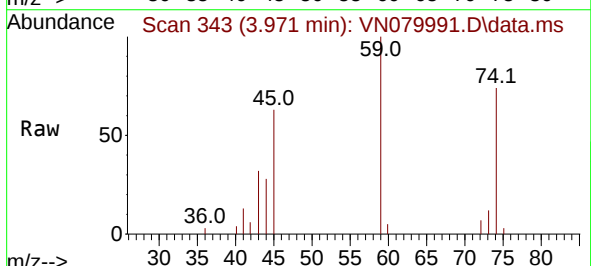
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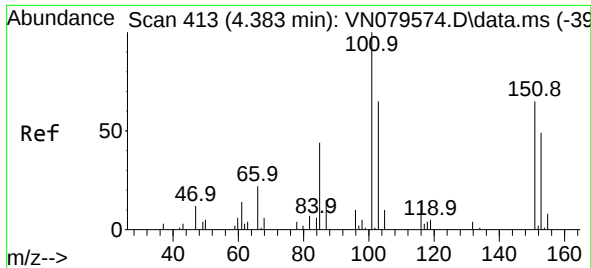
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#8
Diethyl Ether
Concen: 4.744 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 74 Resp: 14041
Ion Ratio Lower Upper
74 100
45 100.9 19.0 171.0





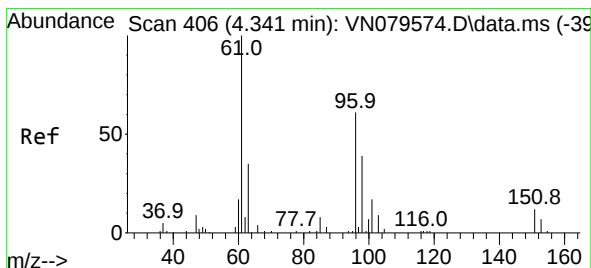
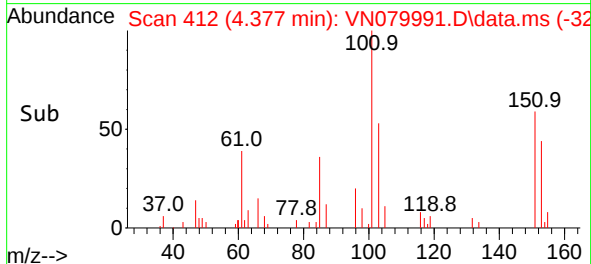
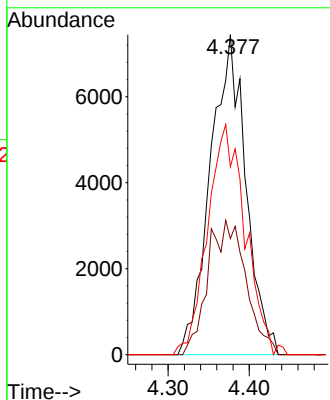
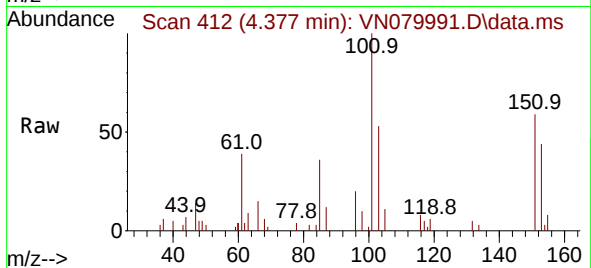
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1,1,2-Trichlorotrifluoroethane
Concen: 4.847 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 22578
Ion Ratio Lower Upper
101 100
85 26.6 0.0 92.0
151 42.5 0.0 138.4

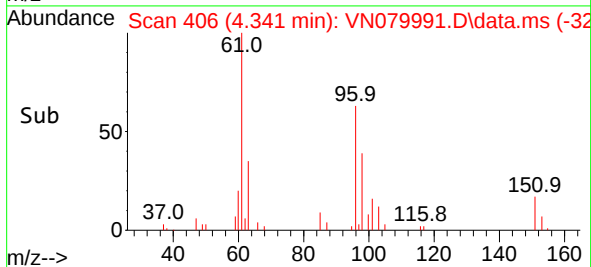
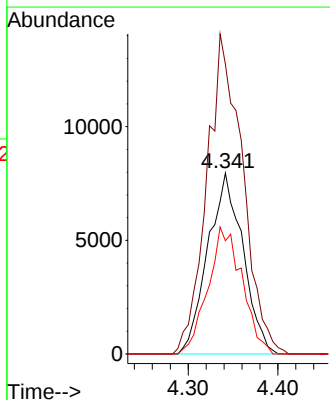
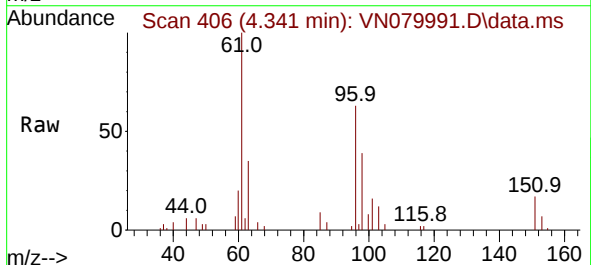
Manual Integrations
APPROVED

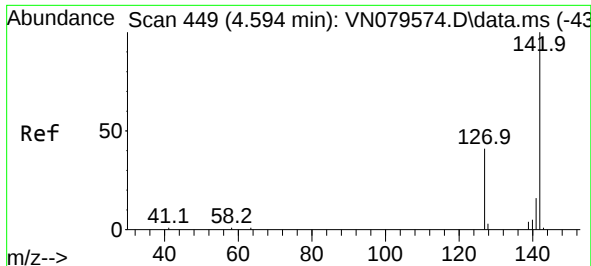
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
1,1-Dichloroethene
Concen: 5.248 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 96 Resp: 21623
Ion Ratio Lower Upper
96 100
61 157.0 141.3 211.9
98 62.4 53.2 79.8





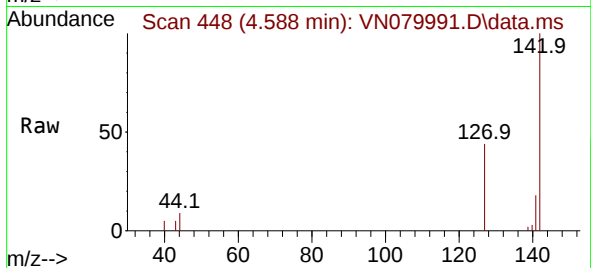
#11
Methyl Iodide
Concen: 4.409 ug/l
RT: 4.588 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



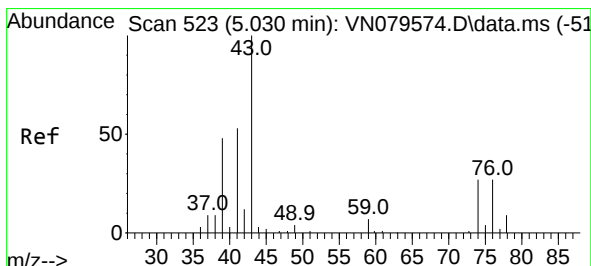
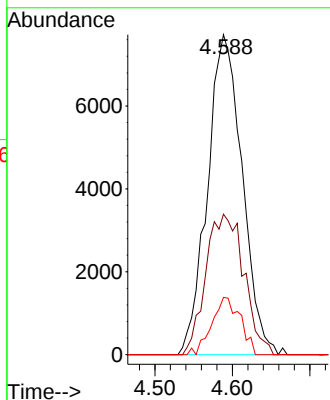
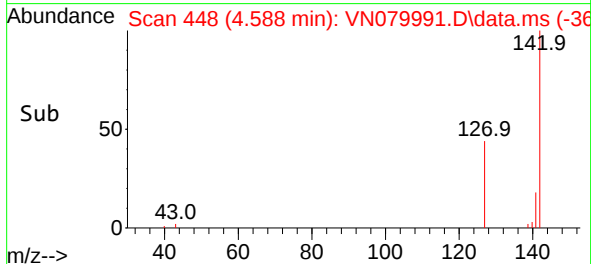
Tgt Ion:142 Resp: 24030
Ion Ratio Lower Upper
142 100
127 43.9 24.6 73.8
141 17.9 7.7 23.1

Manual Integrations

APPROVED

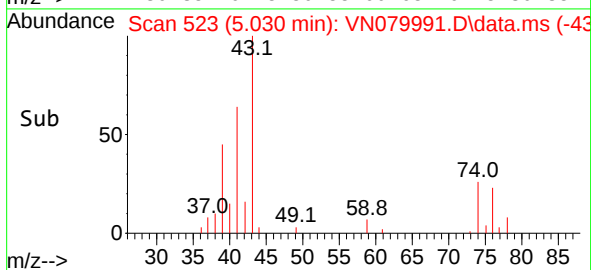
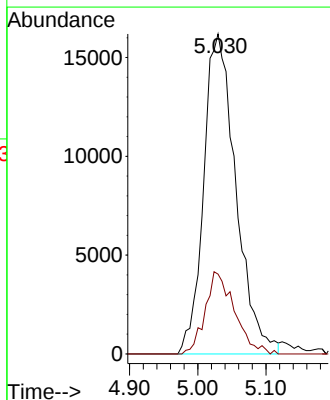
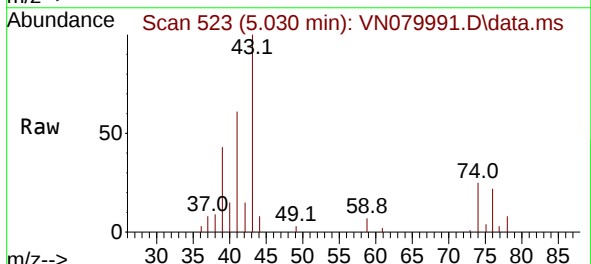
Reviewed By :John Carlone 11/09/2023

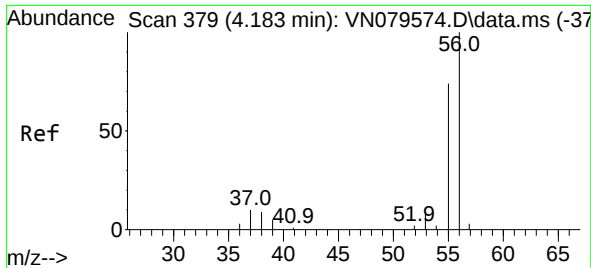
Supervised By :Semsettin Yesilyurt 11/09/2023



#12
Methyl Acetate
Concen: 4.985 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

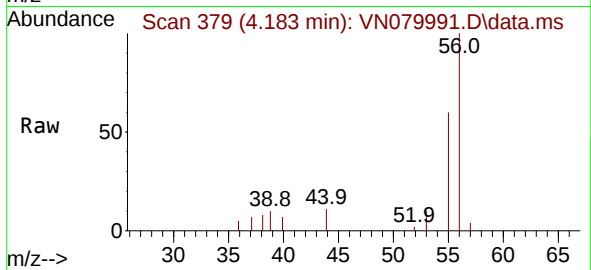
Tgt Ion: 43 Resp: 53253
Ion Ratio Lower Upper
43 100
74 25.4 18.1 27.1





#13
Acrolein
Concen: 25.657 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

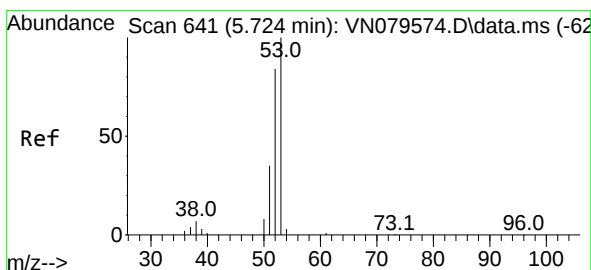
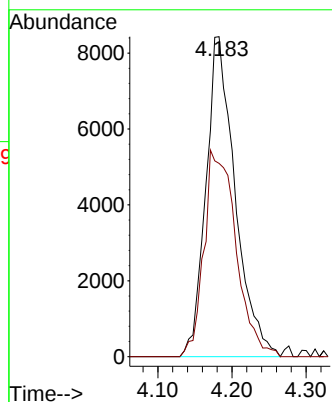
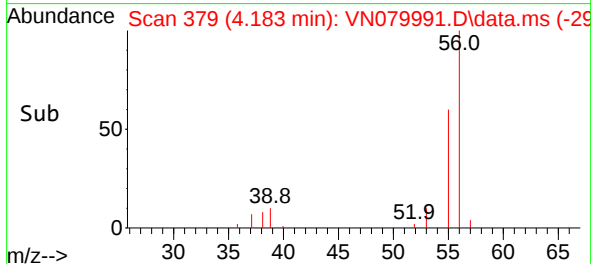
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



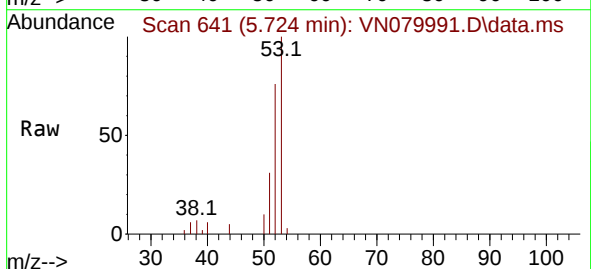
Tgt Ion: 56 Resp: 23158
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

Manual Integrations
APPROVED

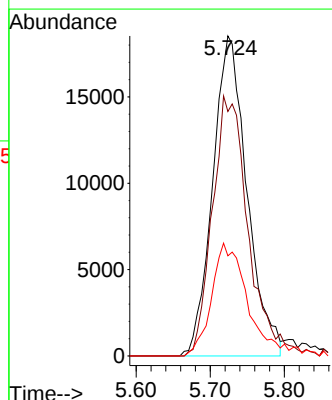
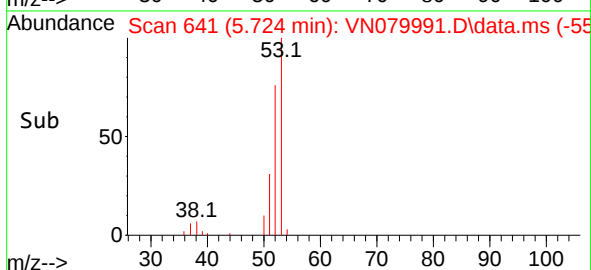
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

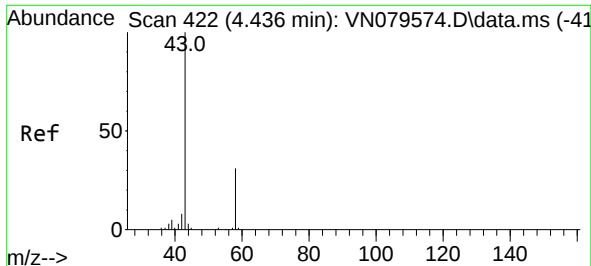


#14
Acrylonitrile
Concen: 23.477 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21



Tgt Ion: 53 Resp: 59572
Ion Ratio Lower Upper
53 100
52 40.3 41.6 124.9#
51 17.8 17.8 53.3





#15

Acetone

Concen: 20.795 ug/l m

RT: 4.436 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 1781

Ion Ratio Lower Upper

58 100

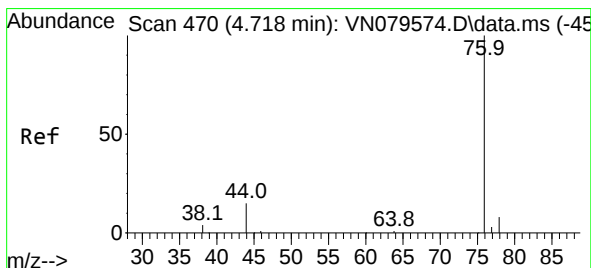
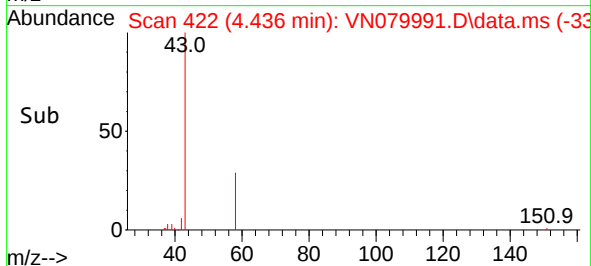
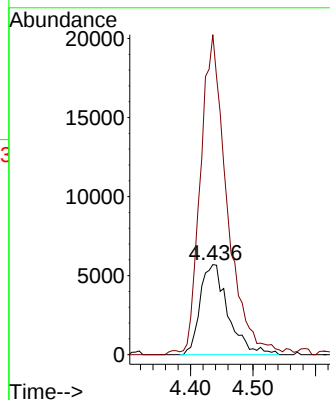
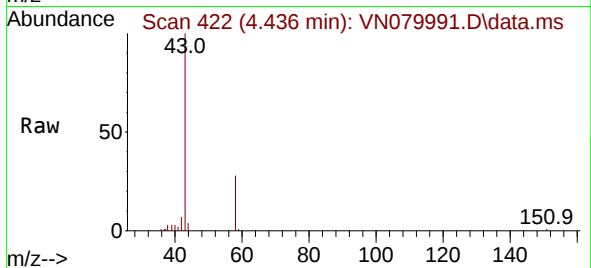
43 355.3 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#16

Carbon Disulfide

Concen: 4.999 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079991.D

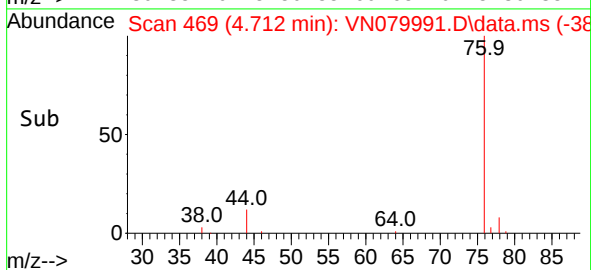
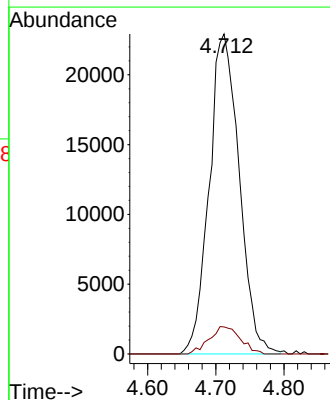
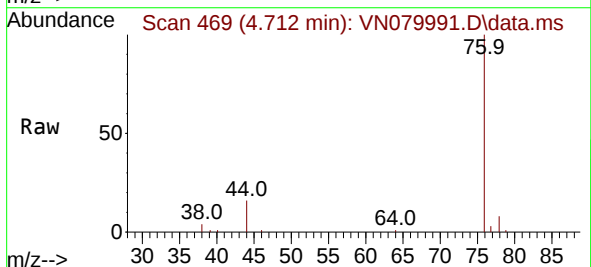
Acq: 08 Nov 2023 14:21

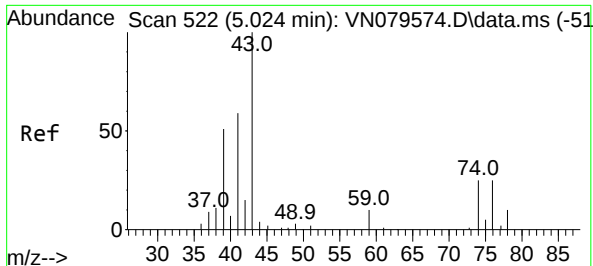
Tgt Ion: 76 Resp: 70335

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3





#17

Allyl chloride

Concen: 4.769 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 34338

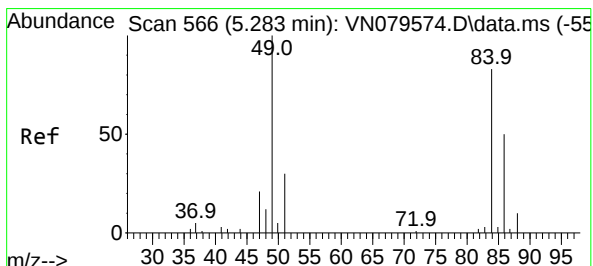
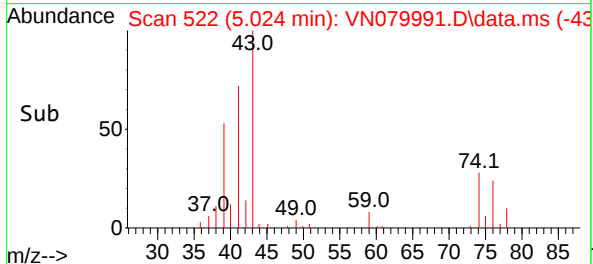
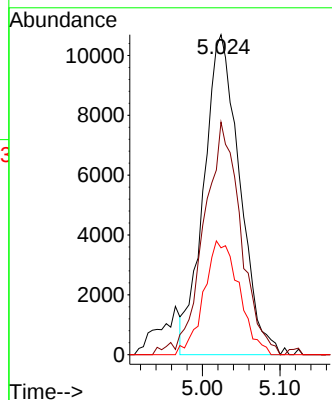
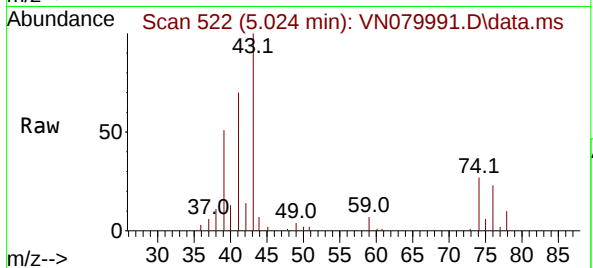
Ion	Ratio	Lower	Upper
41	100		
39	72.7	38.4	115.2
76	33.4	19.5	58.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#18

Methylene Chloride

Concen: 5.262 ug/l

RT: 5.283 min Scan# 566

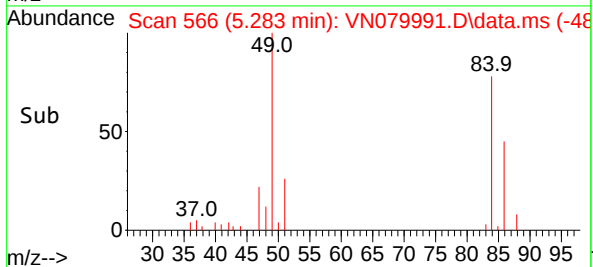
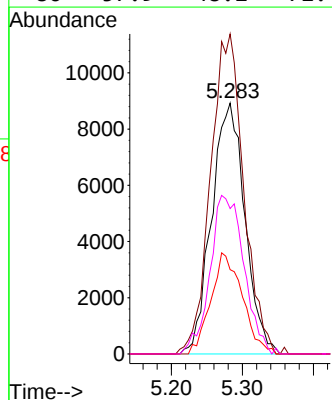
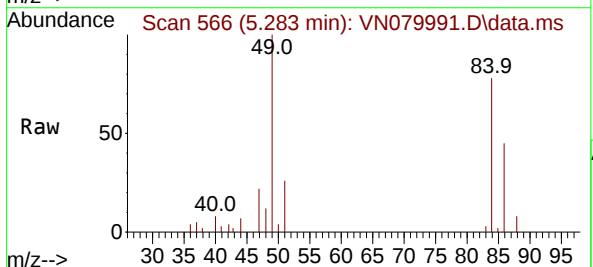
Delta R.T. -0.000 min

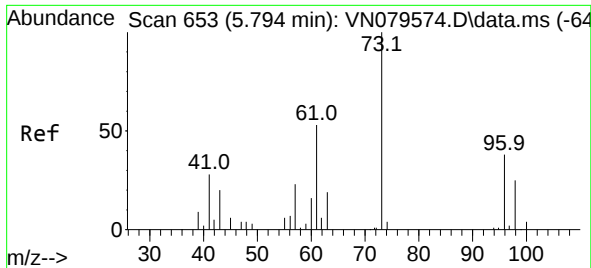
Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Tgt Ion: 84 Resp: 29078

Ion	Ratio	Lower	Upper
84	100		
49	127.5	100.9	151.3
51	33.6	29.4	44.2
86	57.9	48.2	72.4





#19
trans-1,2-Dichloroethene
Concen: 4.991 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

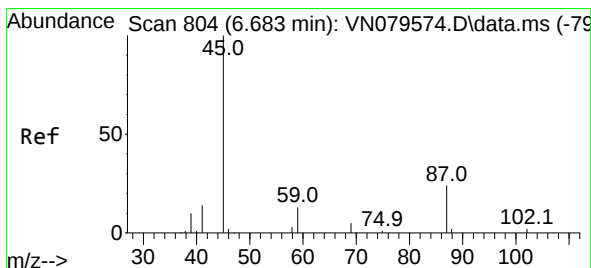
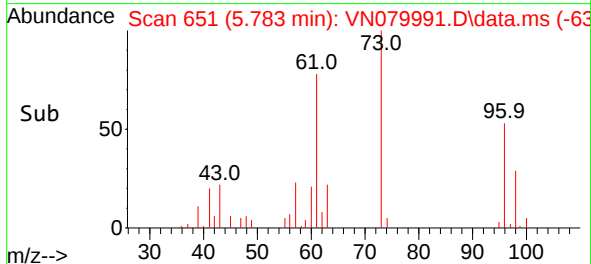
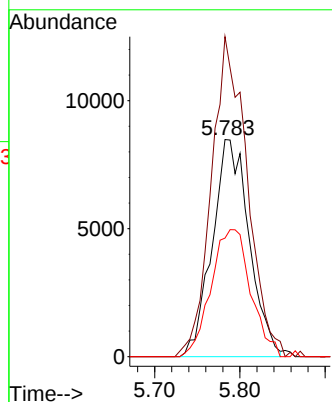
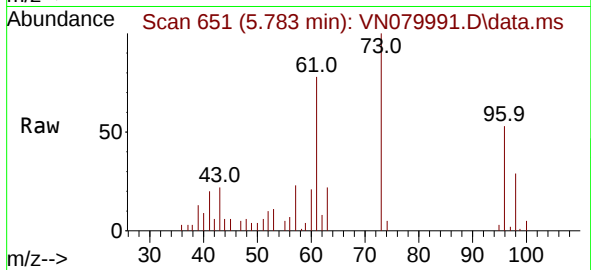
VSTDIC005

Tgt Ion: 96 Resp: 25490
Ion Ratio Lower Upper
96 100
61 144.8 113.4 170.0
98 54.6 50.4 75.6

Manual Integrations

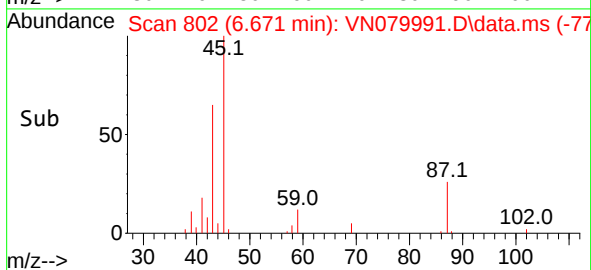
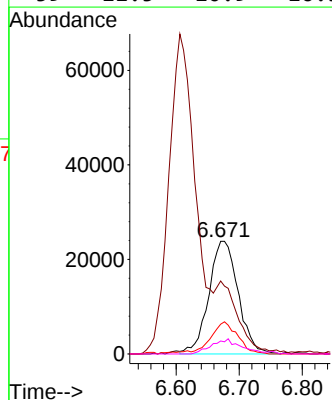
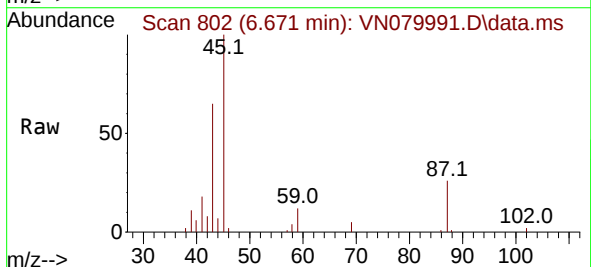
APPROVED

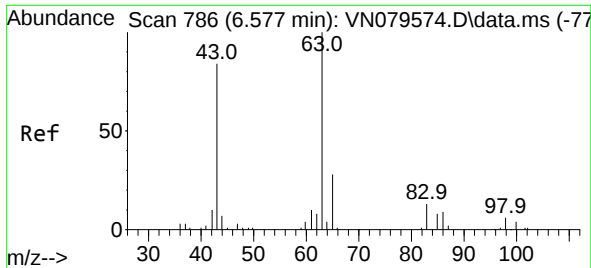
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#20
Diisopropyl ether
Concen: 4.583 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 45 Resp: 77114
Ion Ratio Lower Upper
45 100
43 62.8 42.1 63.1
87 26.4 20.5 30.7
59 11.5 10.9 16.3





#21
1,1-Dichloroethane
Concen: 4.851 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

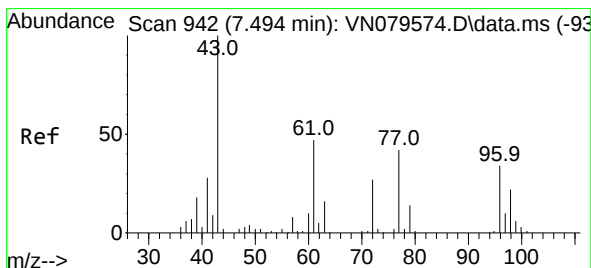
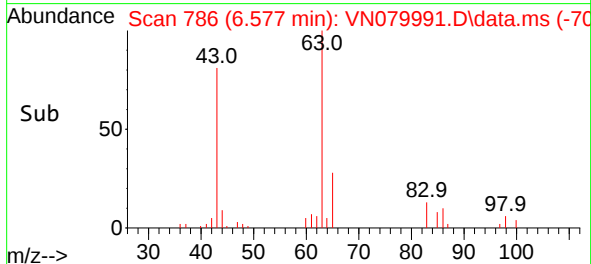
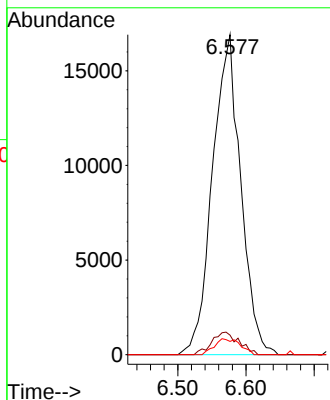
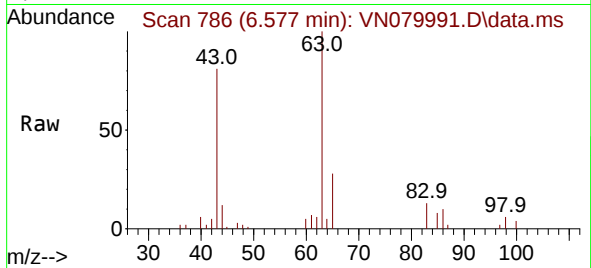
ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 48718
Ion Ratio Lower Upper
63 100
98 6.1 2.8 8.4
100 4.2 1.9 5.7

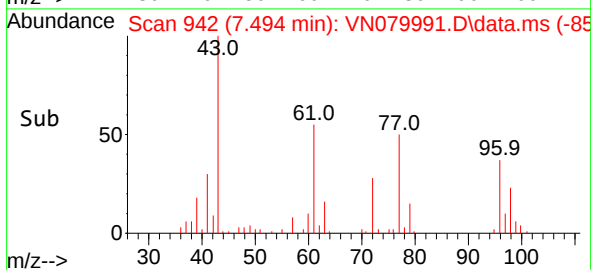
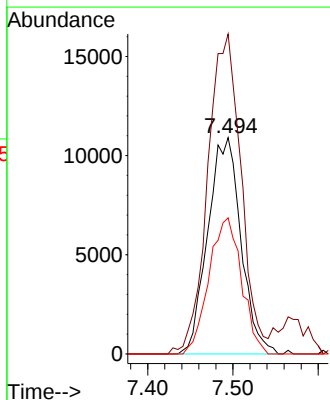
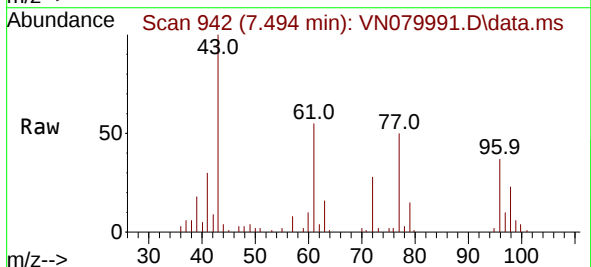
Manual Integrations
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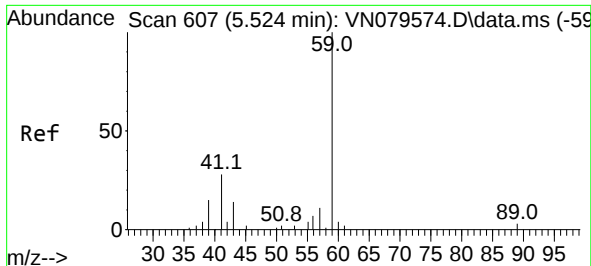
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#22
cis-1,2-Dichloroethene
Concen: 4.982 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 96 Resp: 29526
Ion Ratio Lower Upper
96 100
61 147.8 124.6 186.8
98 61.8 54.2 81.4





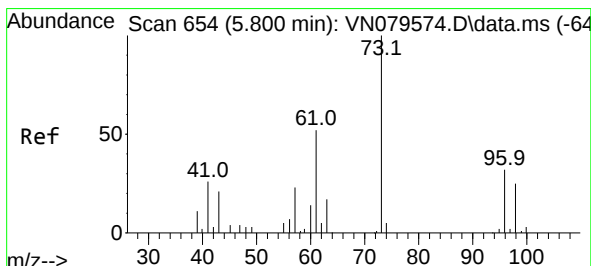
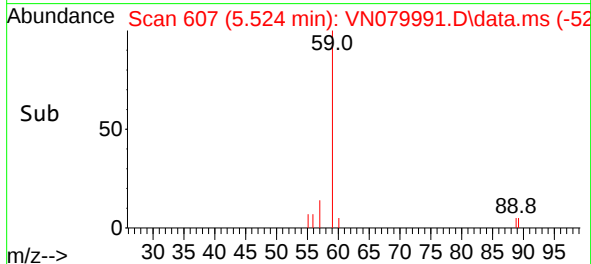
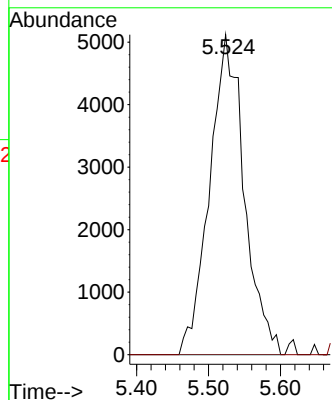
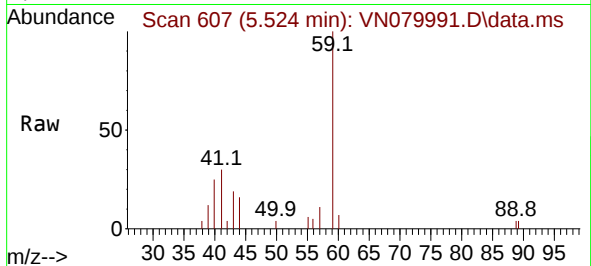
#23
tert-Butyl Alcohol
Concen: 26.564 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 1710
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

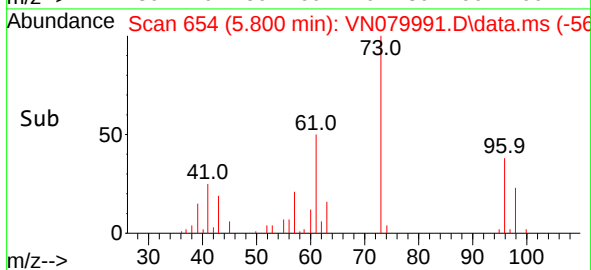
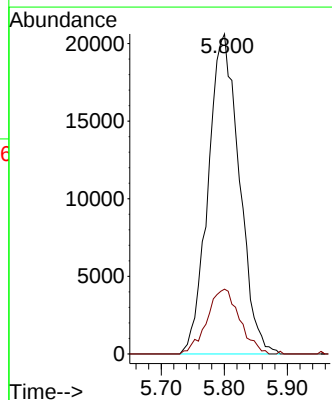
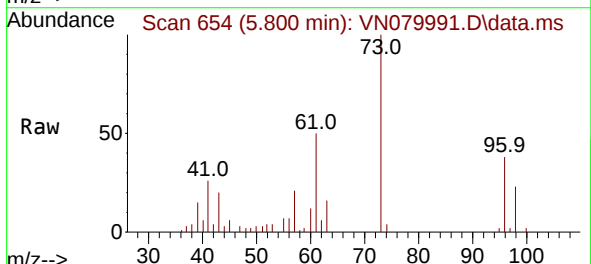
Manual Integrations
APPROVED

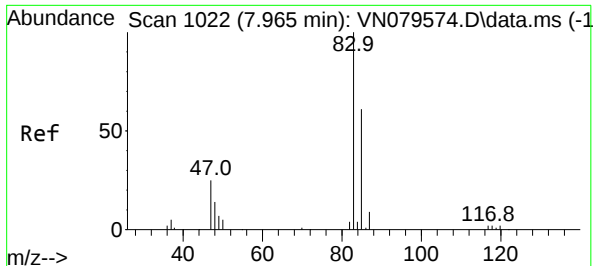
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#24
Methyl tert-Butyl Ether
Concen: 4.663 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 73 Resp: 70750
Ion Ratio Lower Upper
73 100
43 20.3 16.6 24.8





#25

Chloroform

Concen: 5.043 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 52279

Ion Ratio Lower Upper

83 100

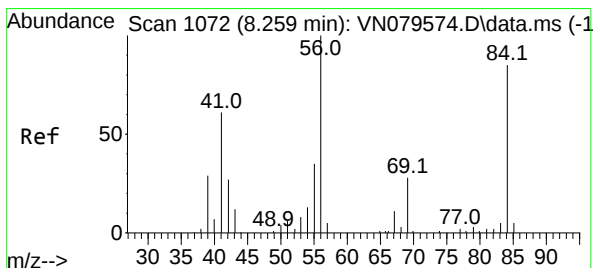
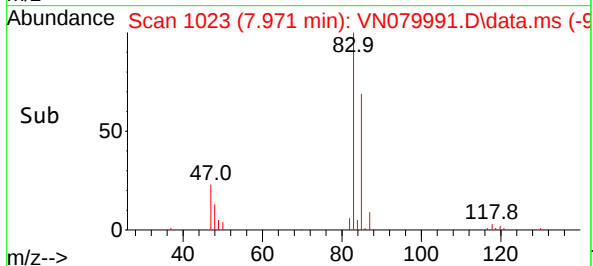
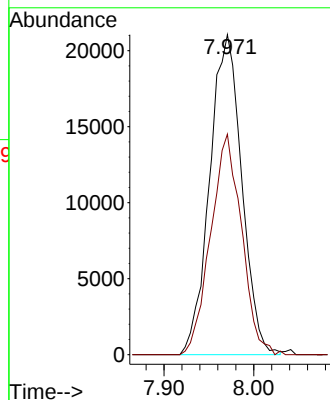
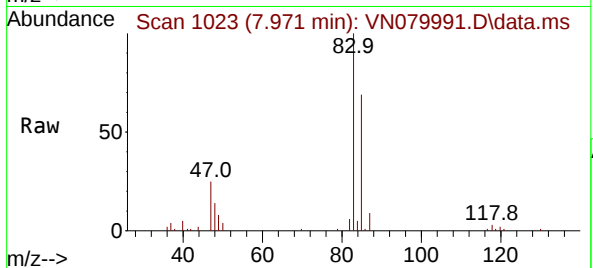
85 68.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#26

Cyclohexane

Concen: 4.323 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

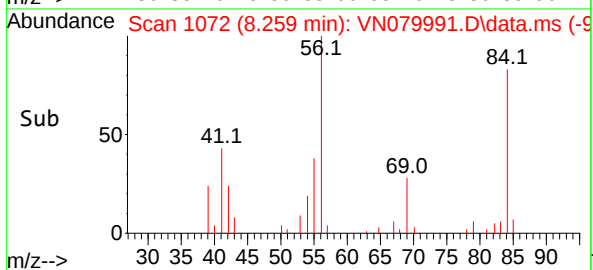
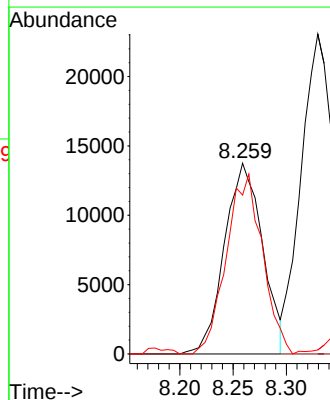
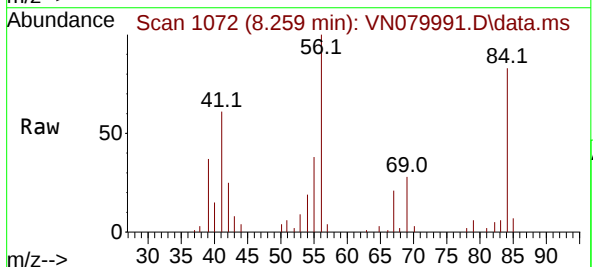
Tgt Ion: 56 Resp: 34154

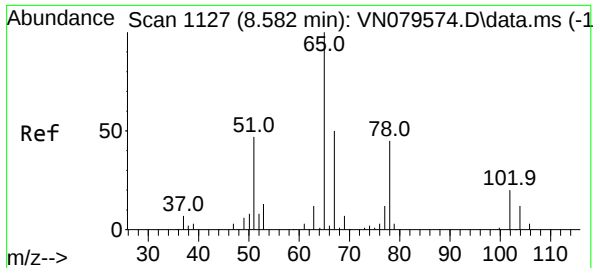
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.4 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.225 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

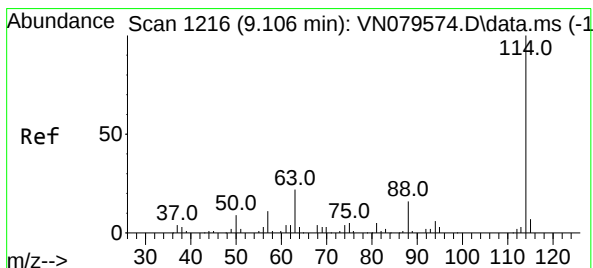
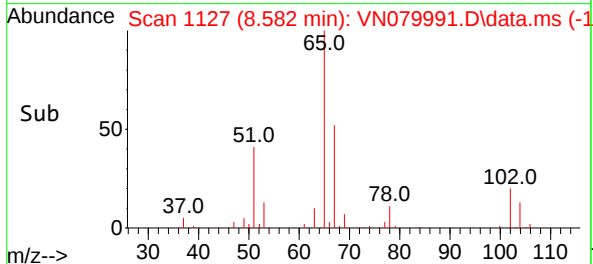
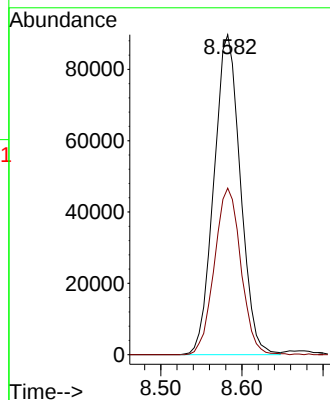
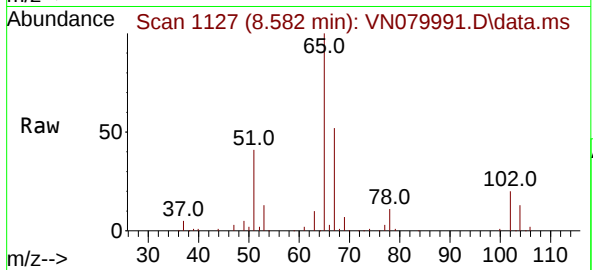
VSTDIC005

Tgt Ion: 65 Resp: 203060
Ion Ratio Lower Upper
65 100
67 52.1 42.1 63.1

Manual Integrations

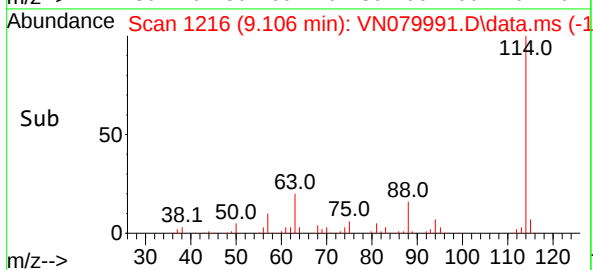
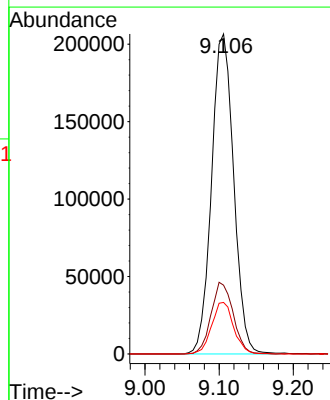
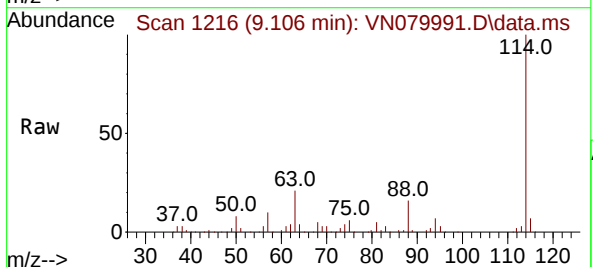
APPROVED

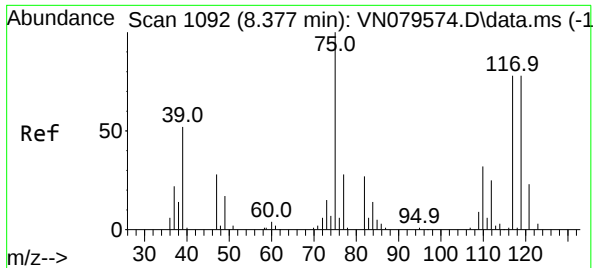
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:114 Resp: 428416
Ion Ratio Lower Upper
114 100
63 22.4 18.1 27.1
88 16.0 12.2 18.2





#29
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

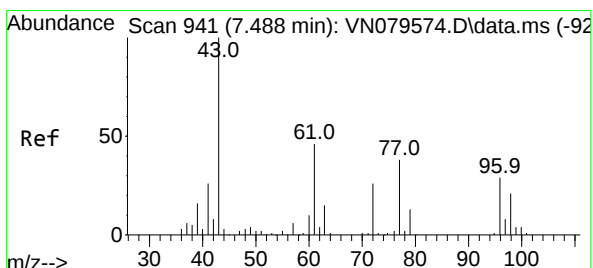
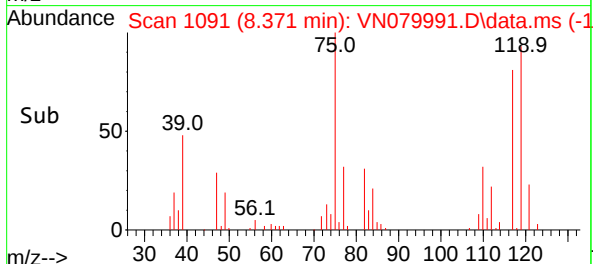
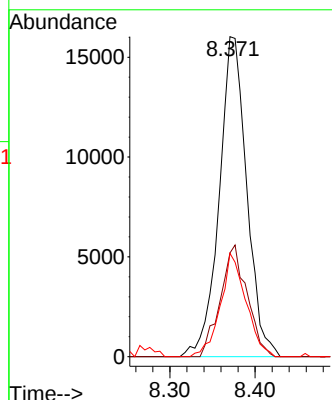
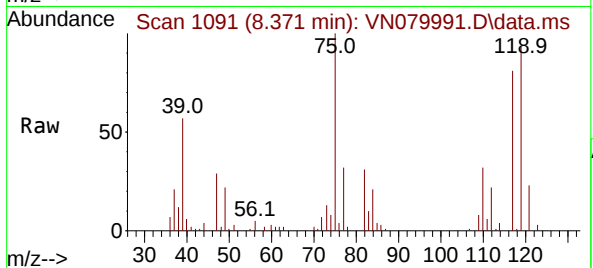
Tgt Ion: 75 Resp: 36090
Ion Ratio Lower Upper
75 100
110 33.8 0.0 66.8
77 30.0 0.0 61.2

Manual Integrations

APPROVED

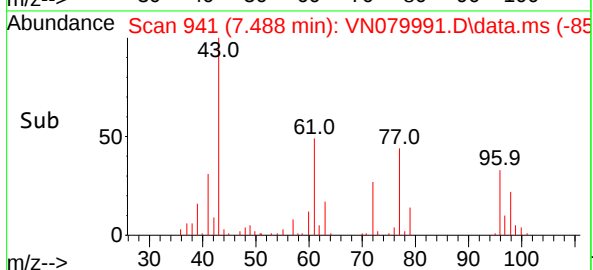
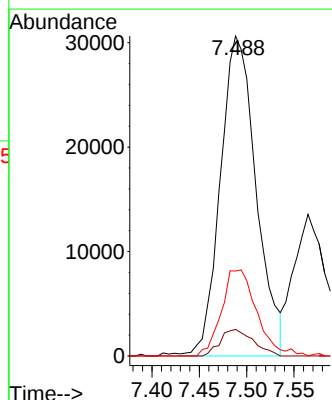
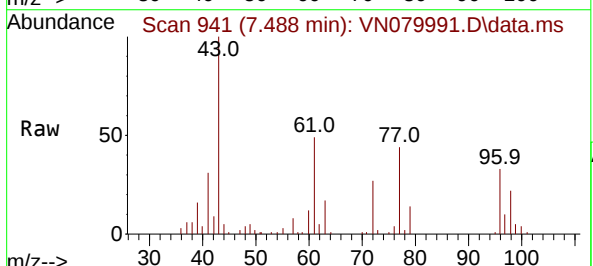
Reviewed By :John Carlone 11/09/2023

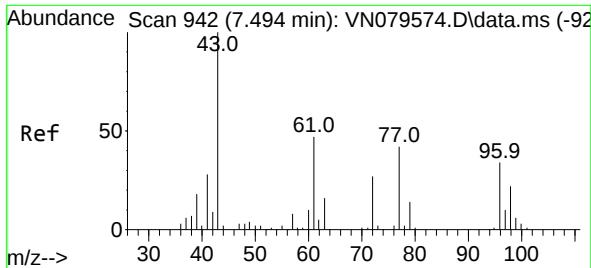
Supervised By :Semsettin Yesilyurt 11/09/2023



#30
2-Butanone
Concen: 22.953 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 43 Resp: 80600
Ion Ratio Lower Upper
43 100
57 7.7 6.4 9.6
72 26.0 20.7 31.1





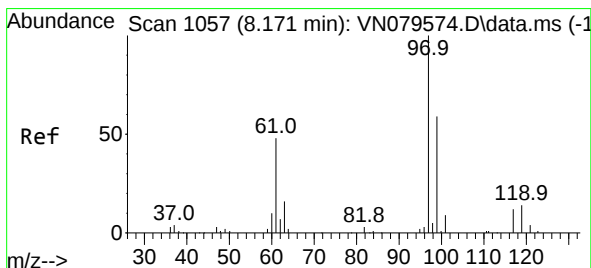
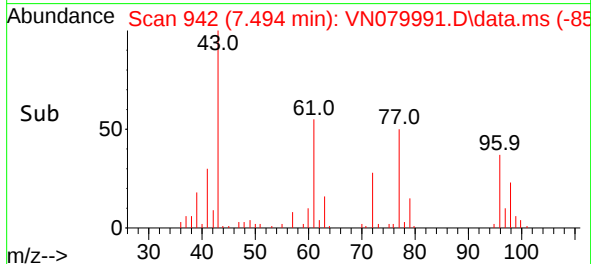
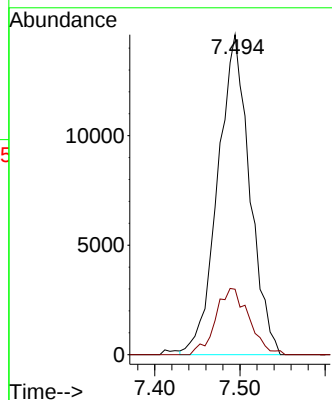
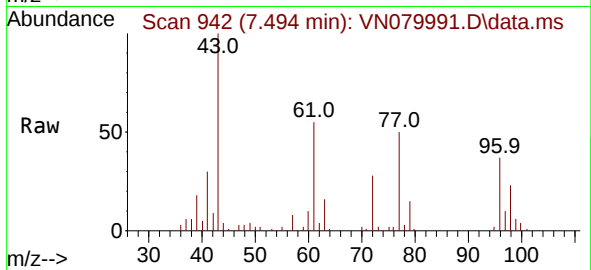
#31
2,2-Dichloropropane
Concen: 4.798 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 3813
Ion Ratio Lower Upper
77 100
97 21.4 17.9 26.9

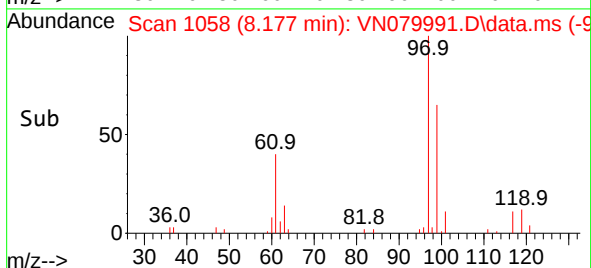
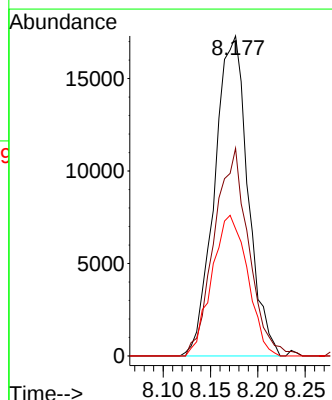
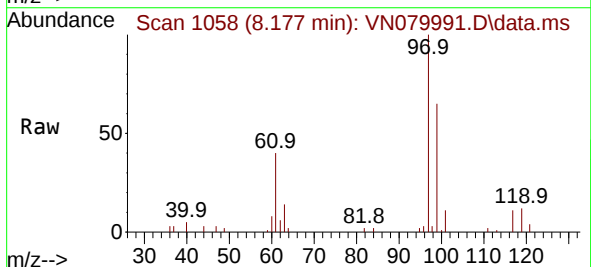
Manual Integrations
APPROVED

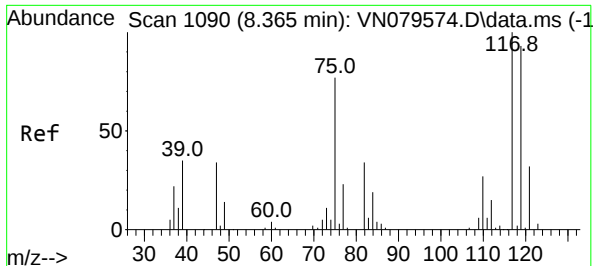
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#32
1,1,1-Trichloroethane
Concen: 5.059 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

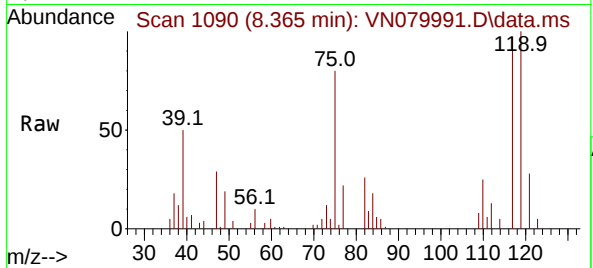
Tgt Ion: 97 Resp: 42462
Ion Ratio Lower Upper
97 100
99 66.6 51.9 77.9
61 47.0 37.6 56.4





#33
Carbon Tetrachloride
Concen: 5.053 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

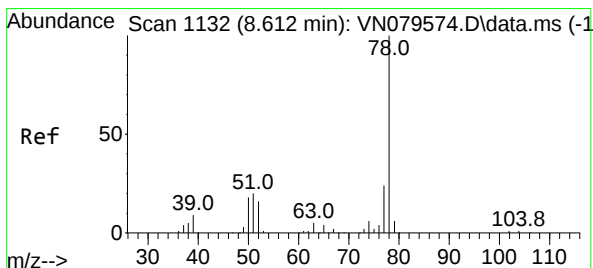
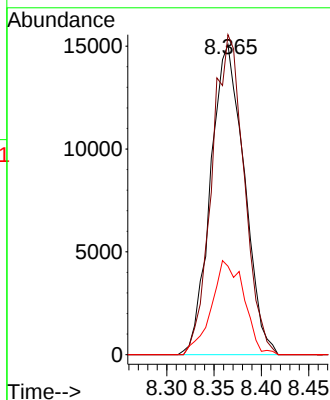
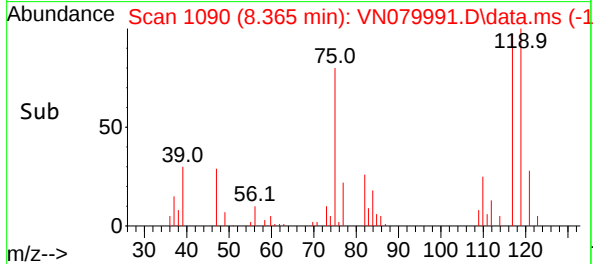
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



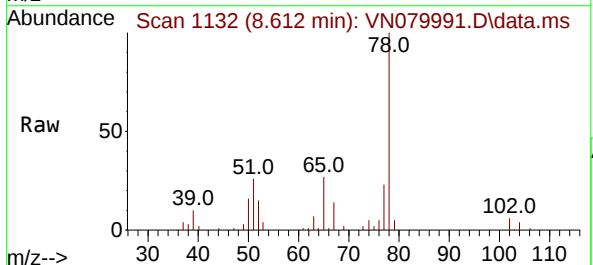
Tgt Ion:117 Resp: 37284
Ion Ratio Lower Upper
117 100
119 103.2 75.0 112.6
121 28.5 24.3 36.5

Manual Integrations
APPROVED

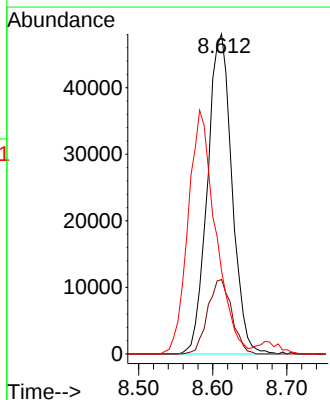
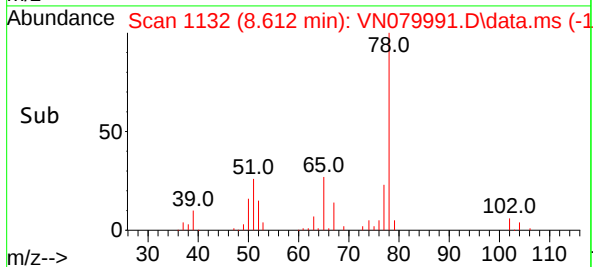
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

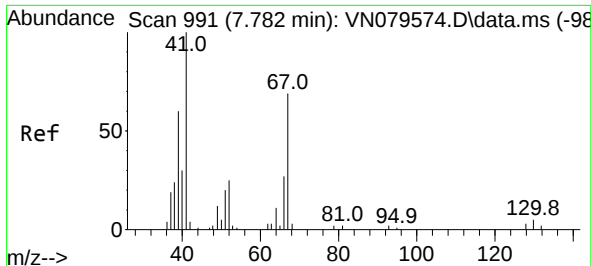


#34
Benzene
Concen: 5.052 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21



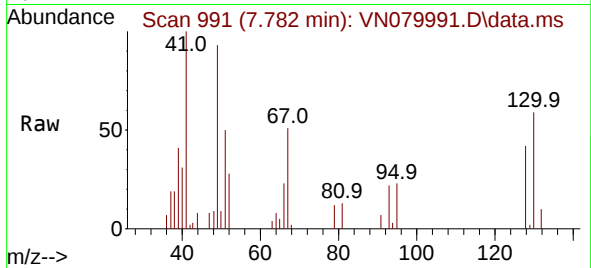
Tgt Ion: 78 Resp: 110338
Ion Ratio Lower Upper
78 100
77 23.2 19.7 29.5
51 22.8 15.8 23.6





#35
Methacrylonitrile
Concen: 4.840 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

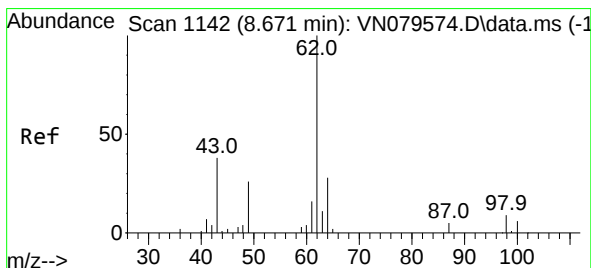
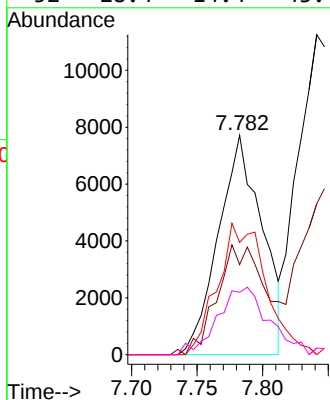
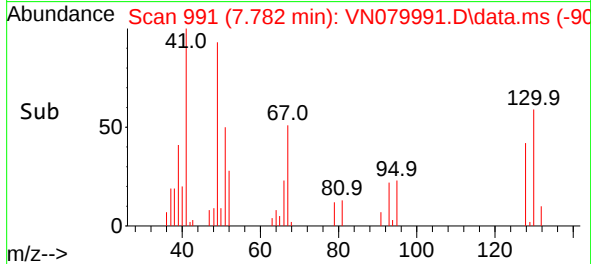
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



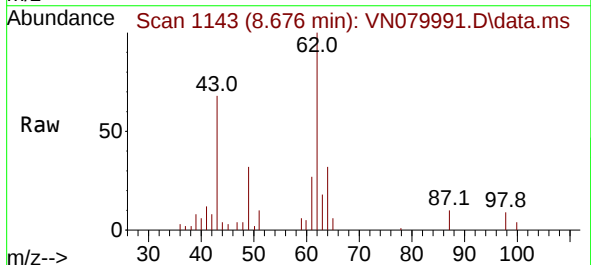
Tgt Ion: 41 Resp: 17818
Ion Ratio Lower Upper
41 100
39 38.7 26.3 78.8
67 51.2 37.5 112.3
52 28.4 14.4 43.4

Manual Integrations
APPROVED

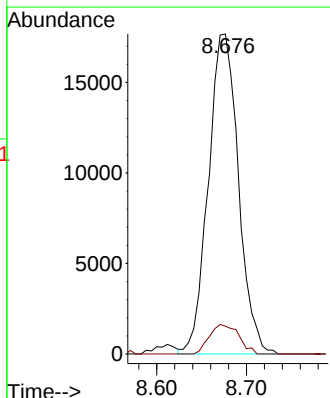
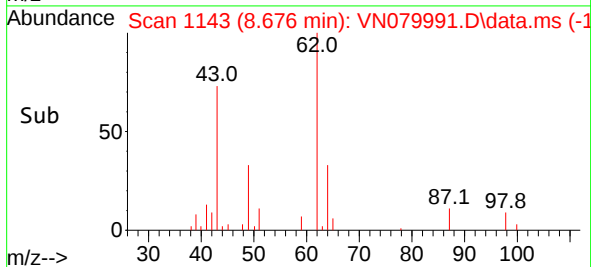
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

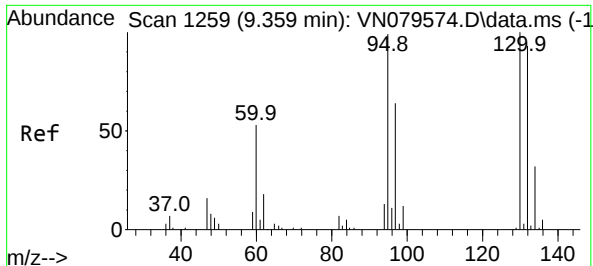


#36
1,2-Dichloroethane
Concen: 5.212 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21



Tgt Ion: 62 Resp: 41199
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#37

Trichloroethene

Concen: 5.065 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 2660

Ion Ratio Lower Upper

130 100

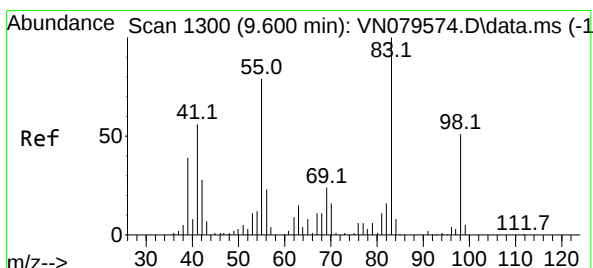
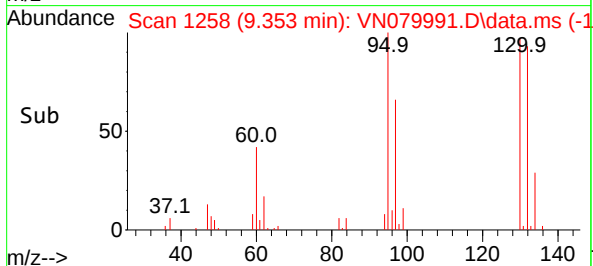
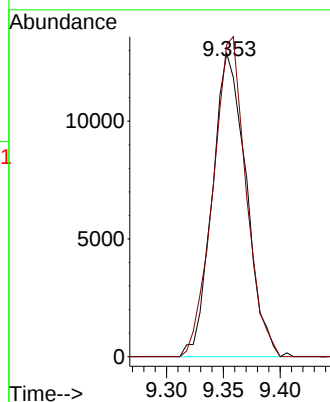
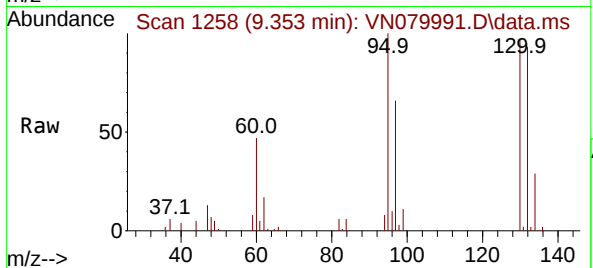
95 103.0 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#38

Methylcyclohexane

Concen: 4.466 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

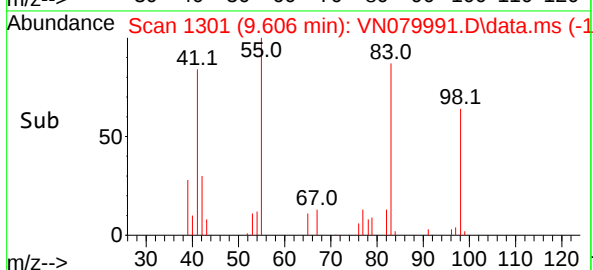
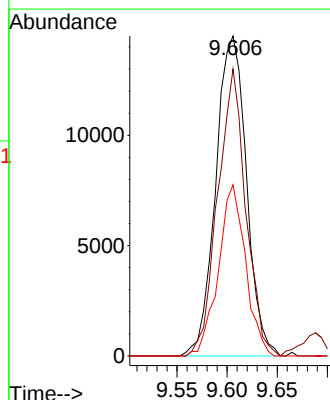
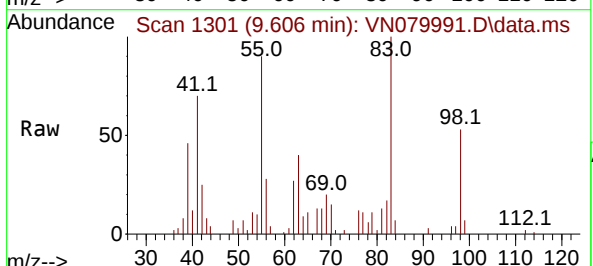
Tgt Ion: 83 Resp: 30831

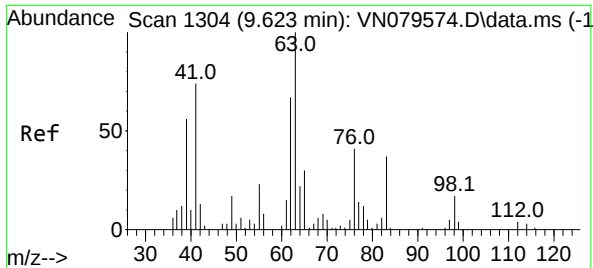
Ion Ratio Lower Upper

83 100

55 82.0 39.7 119.1

98 47.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 5.098 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2947

Ion Ratio Lower Upper

63 100

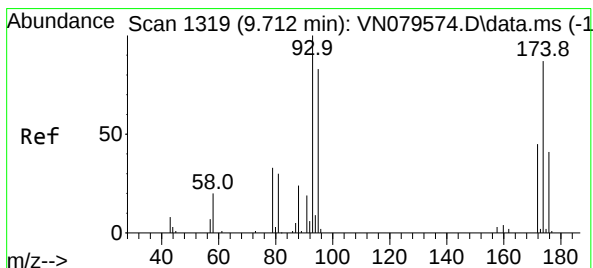
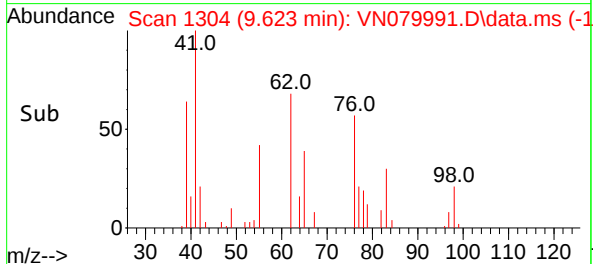
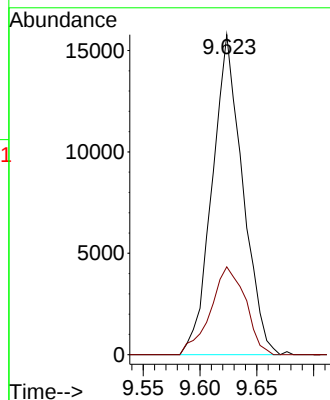
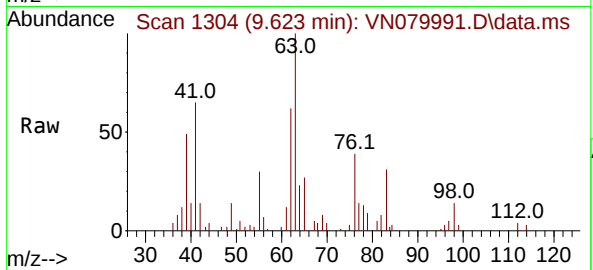
65 27.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Dibromomethane

Concen: 5.003 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

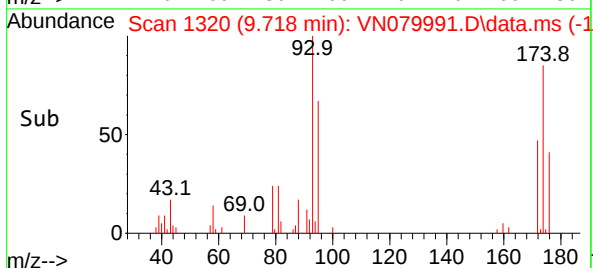
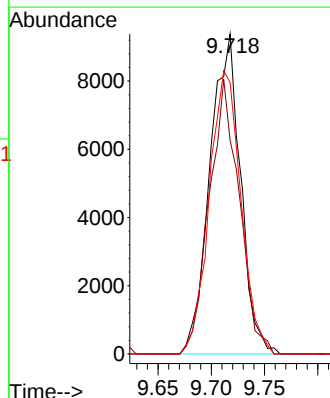
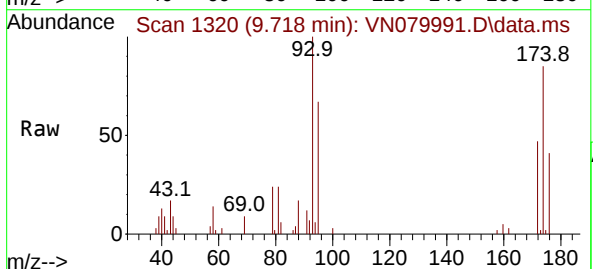
Tgt Ion: 93 Resp: 18696

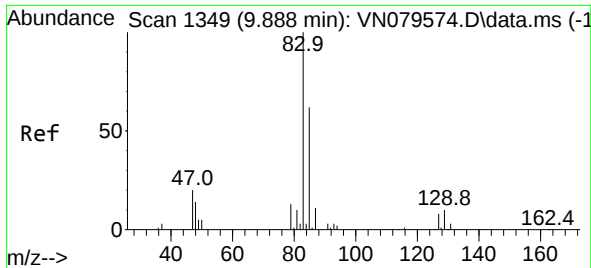
Ion Ratio Lower Upper

93 100

95 84.4 0.0 166.6

174 91.7 0.0 171.0





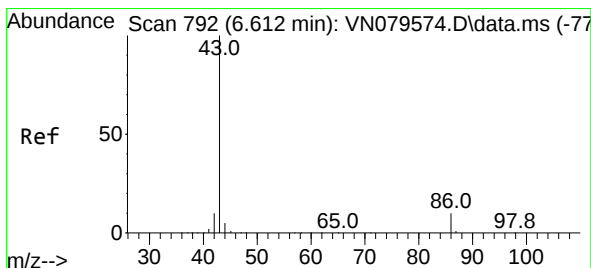
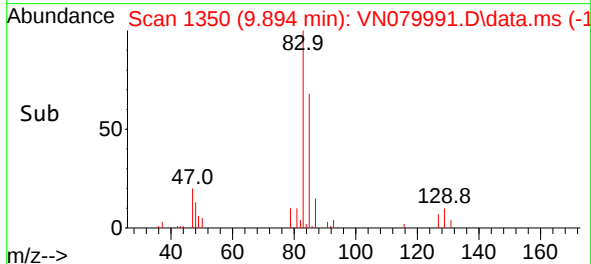
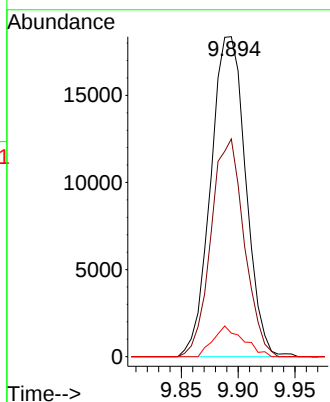
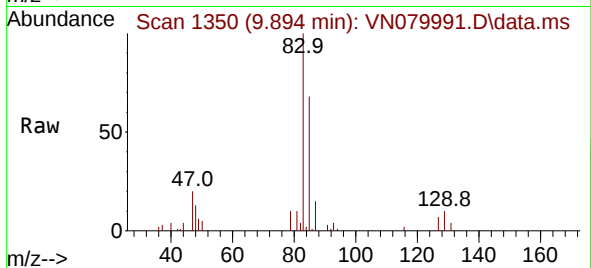
#41
Bromodichloromethane
Concen: 5.078 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3929
Ion Ratio Lower Upper
83 100
85 68.1 50.3 75.5
127 7.3 6.8 10.2

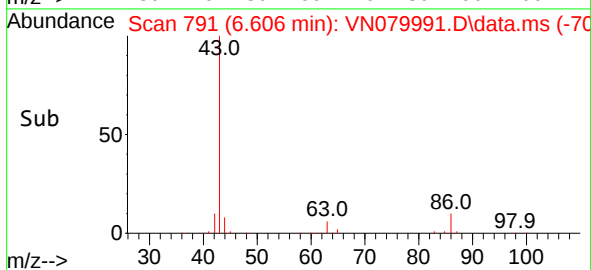
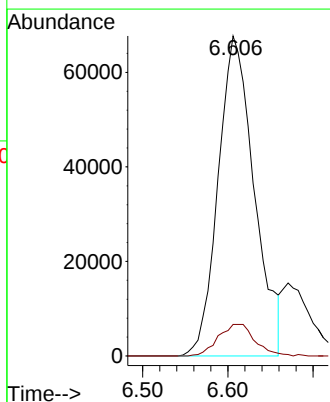
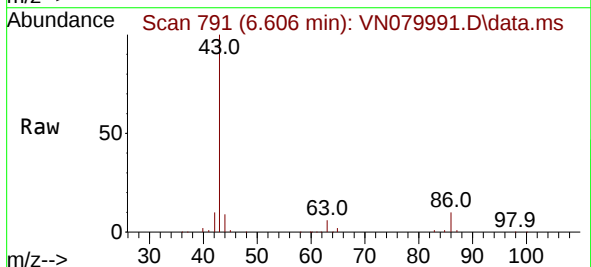
Manual Integrations
APPROVED

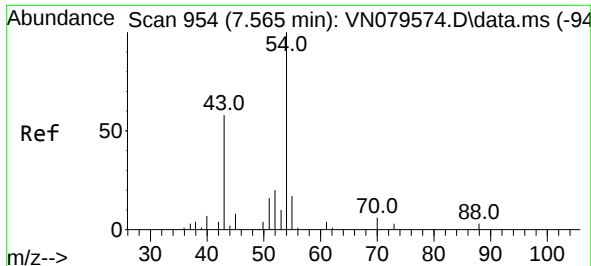
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
Vinyl Acetate
Concen: 22.854 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 43 Resp: 199338
Ion Ratio Lower Upper
43 100
86 10.0 8.2 12.2





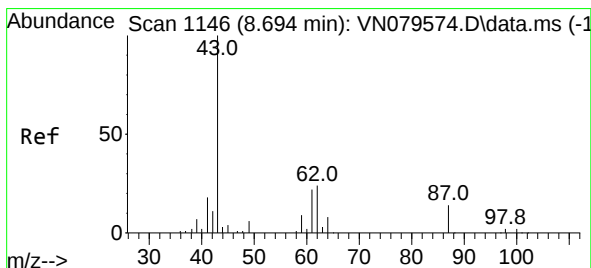
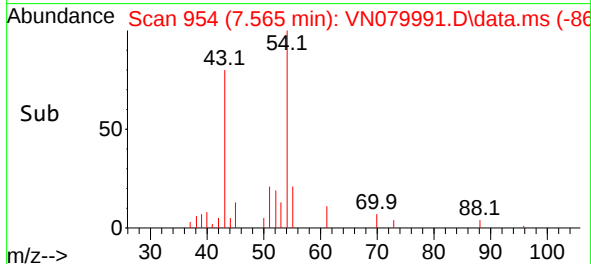
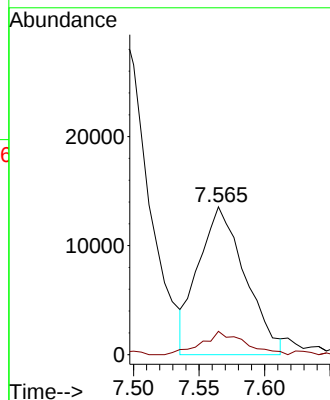
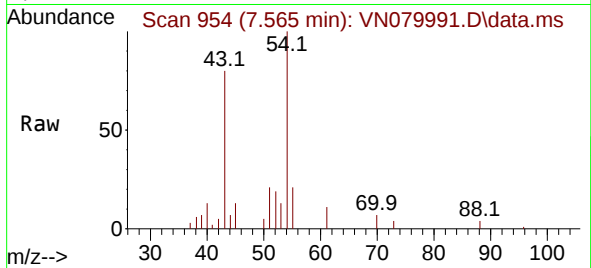
#43
Ethyl Acetate
Concen: 5.096 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3361
Ion Ratio Lower Upper
43 100
45 14.3 11.8 17.8

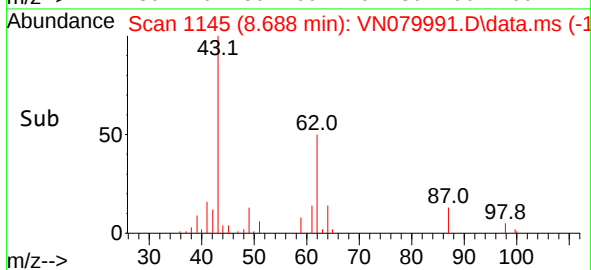
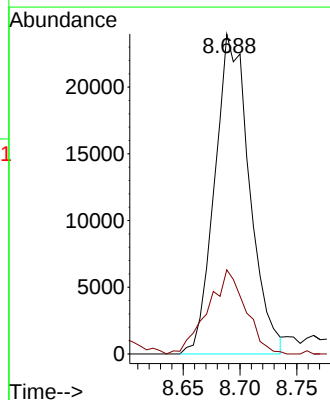
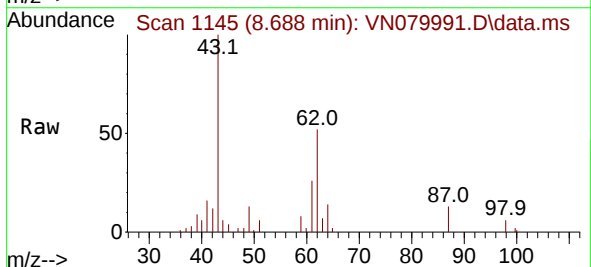
Manual Integrations
APPROVED

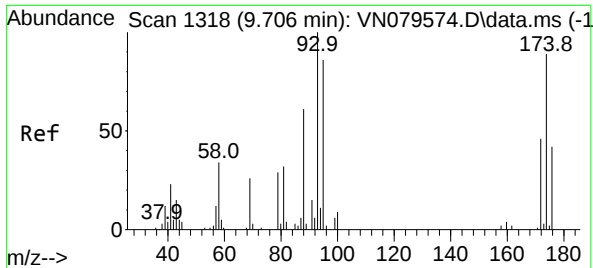
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Isopropyl Acetate
Concen: 4.749 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

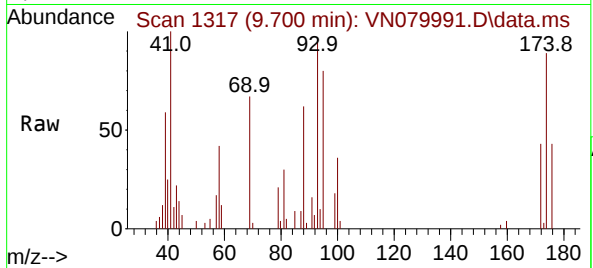
Tgt Ion: 43 Resp: 51040
Ion Ratio Lower Upper
43 100
61 28.5 20.3 30.5





#45
1,4-Dioxane
Concen: 93.466 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

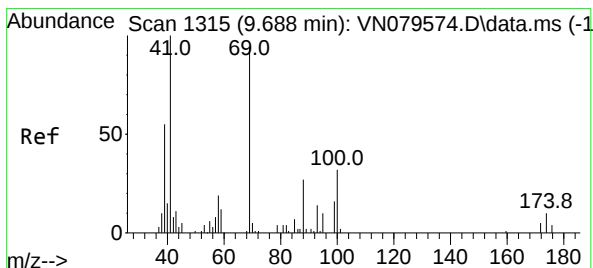
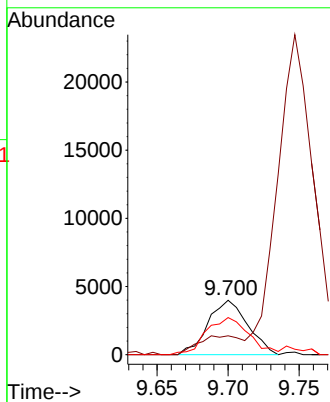
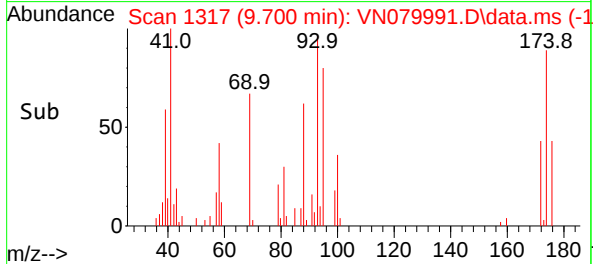
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 7742
Ion Ratio Lower Upper
88 100
43 21.8 28.7 43.1
58 73.6 56.9 85.3

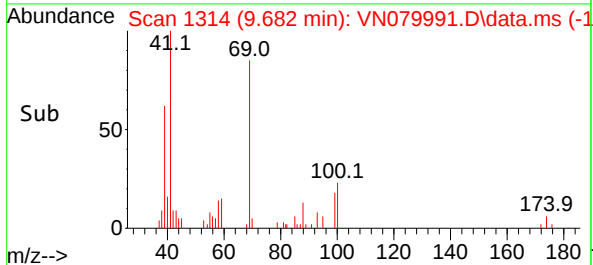
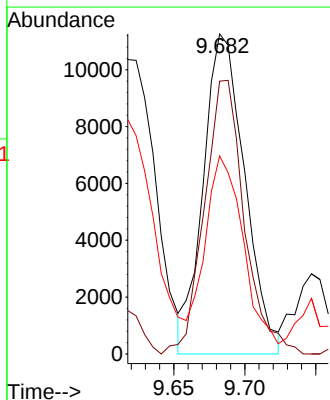
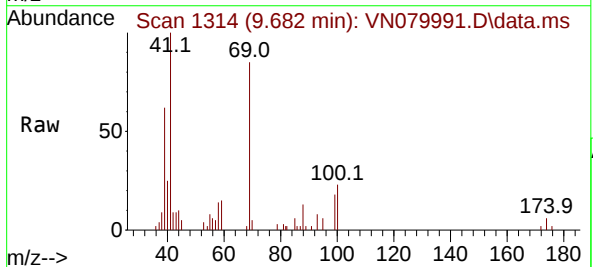
Manual Integrations
APPROVED

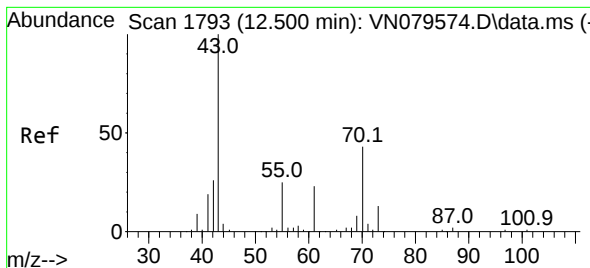
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#46
Methyl methacrylate
Concen: 4.428 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 41 Resp: 22881
Ion Ratio Lower Upper
41 100
69 88.4 40.0 119.9
39 63.0 31.1 93.3





#47

n-amy1 Acetate

Concen: 4.141 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 3575

Ion Ratio Lower Upper

43 100

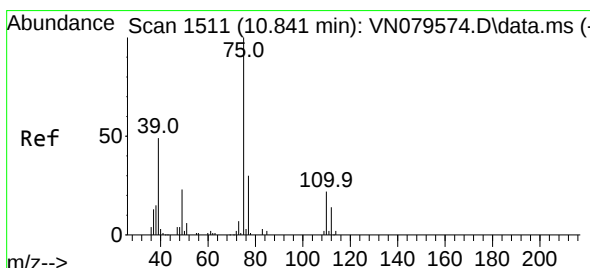
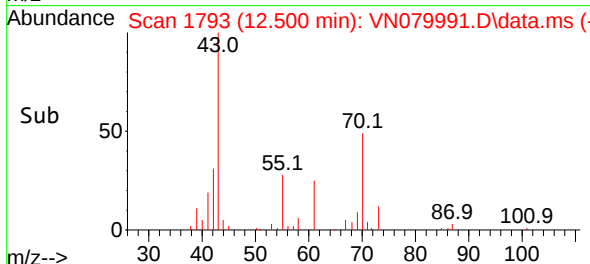
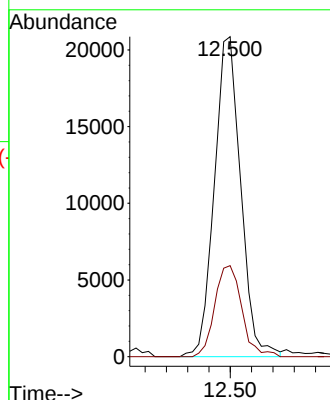
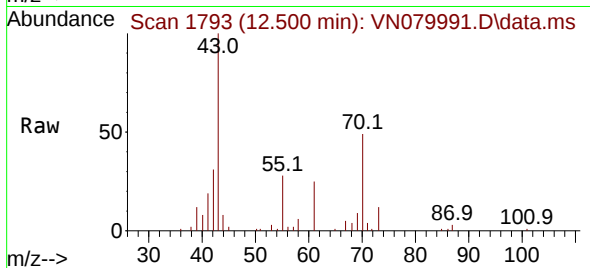
55 28.6 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#48

t-1,3-Dichloropropene

Concen: 4.541 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VN079991.D

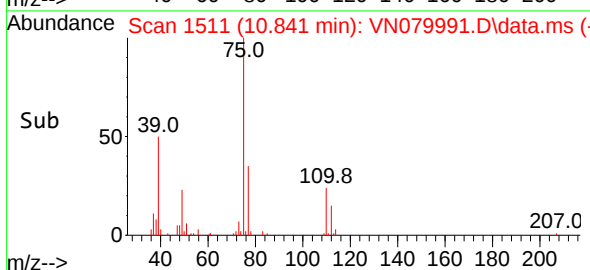
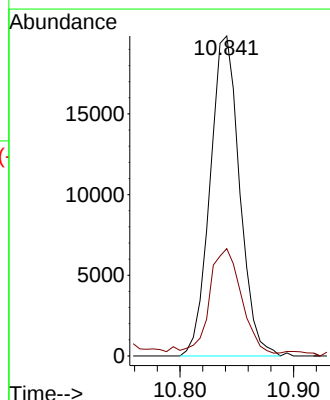
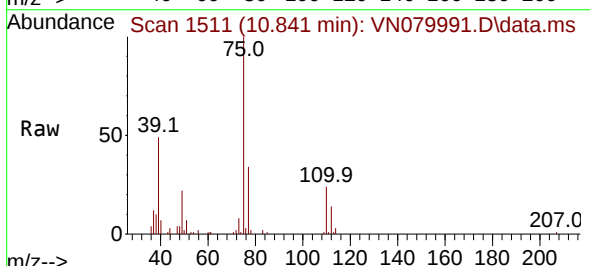
Acq: 08 Nov 2023 14:21

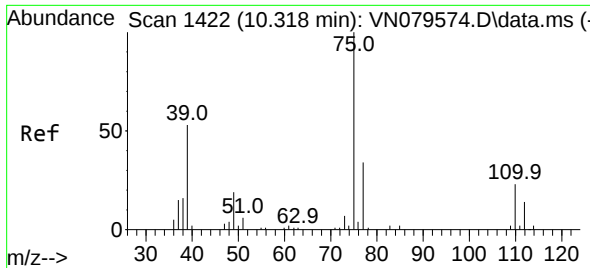
Tgt Ion: 75 Resp: 35892

Ion Ratio Lower Upper

75 100

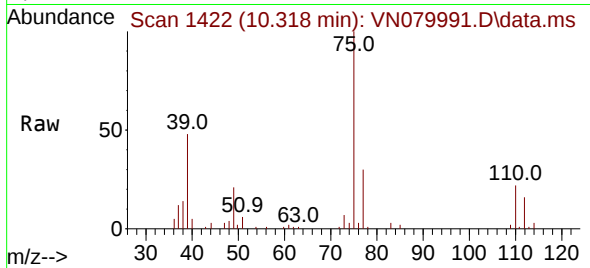
77 32.6 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 4.608 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079991.D
 Acq: 08 Nov 2023 14:21

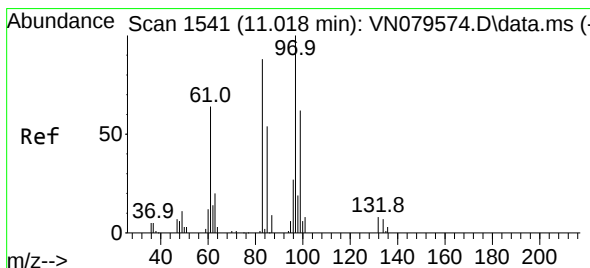
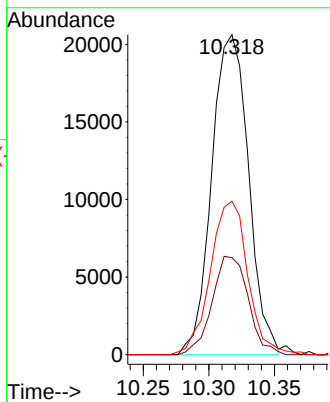
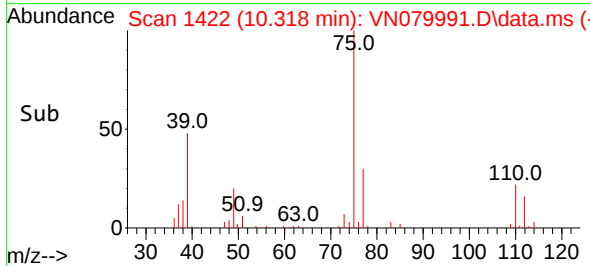
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 4026
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.6
 39 47.1 42.4 63.6

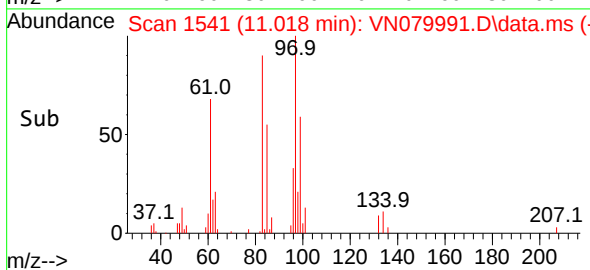
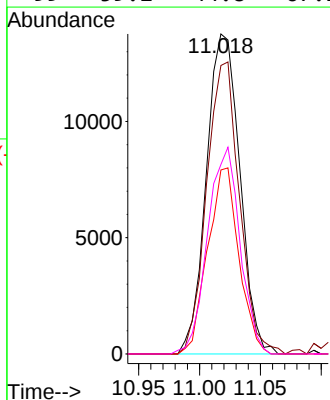
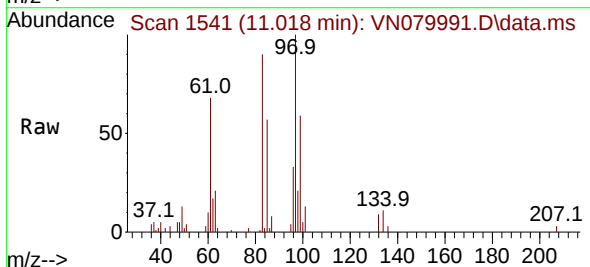
Manual Integrations
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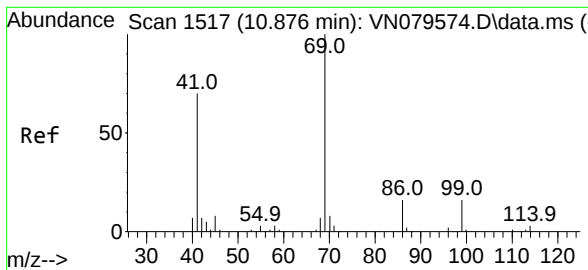
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 5.168 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN079991.D
 Acq: 08 Nov 2023 14:21

Tgt Ion: 97 Resp: 26343
 Ion Ratio Lower Upper
 97 100
 83 90.1 68.2 102.4
 85 57.5 42.9 64.3
 99 59.2 44.8 67.2





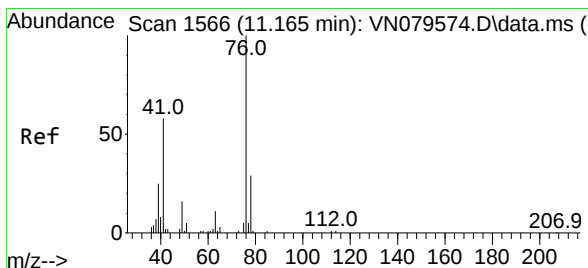
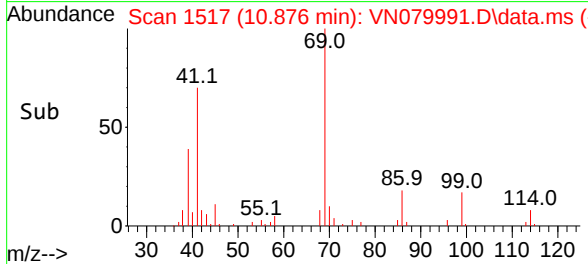
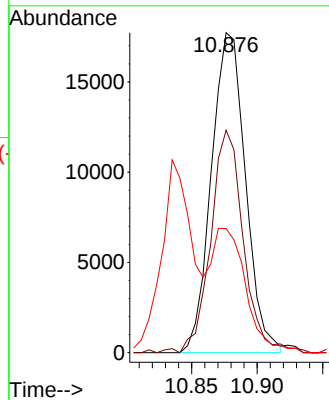
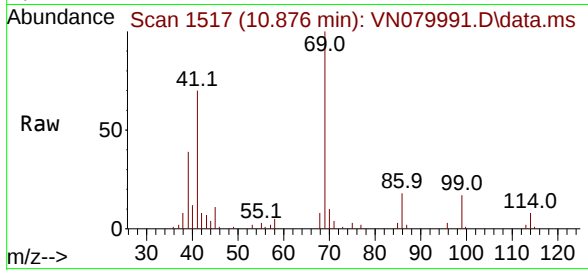
#51
Ethyl methacrylate
Concen: 4.373 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 3204
Ion Ratio Lower Upper
69 100
41 69.5 33.8 101.3
39 36.6 21.3 63.9

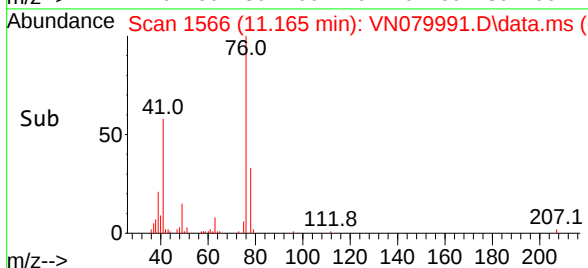
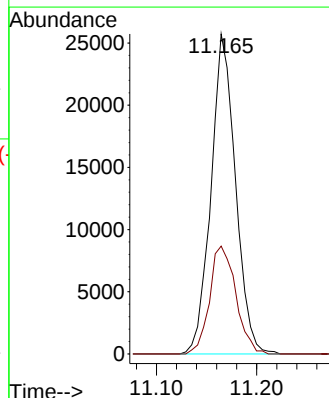
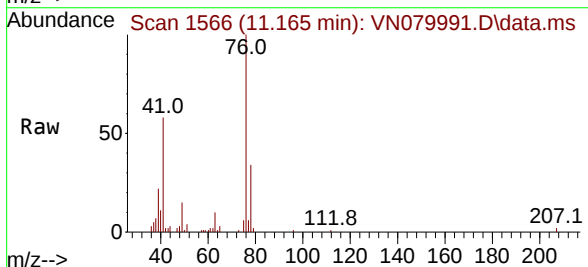
Manual Integrations
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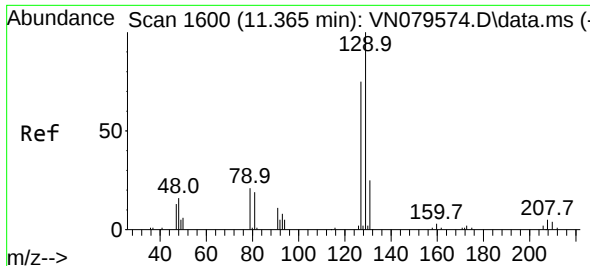
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#52
1,3-Dichloropropane
Concen: 4.795 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 76 Resp: 43699
Ion Ratio Lower Upper
76 100
78 36.1 0.0 64.0





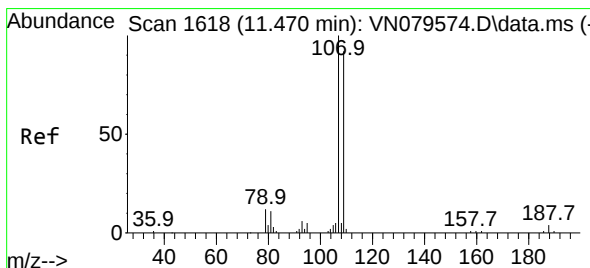
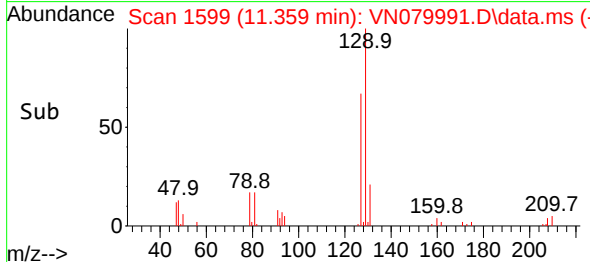
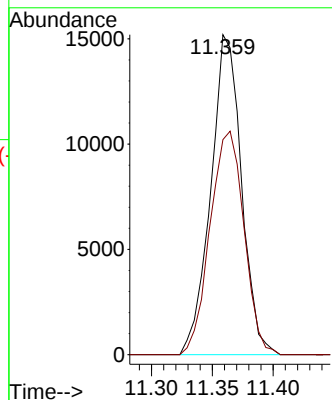
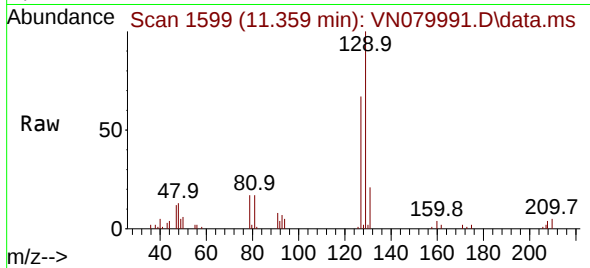
#53
Dibromochloromethane
Concen: 4.896 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 26697
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3

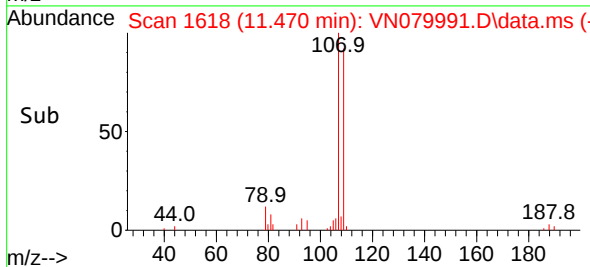
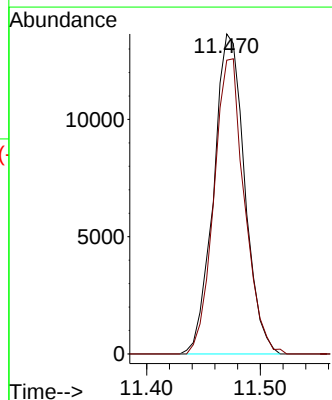
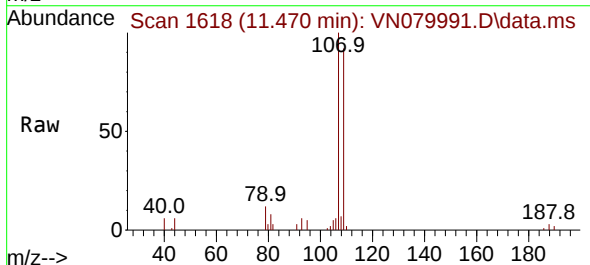
Manual Integrations
APPROVED

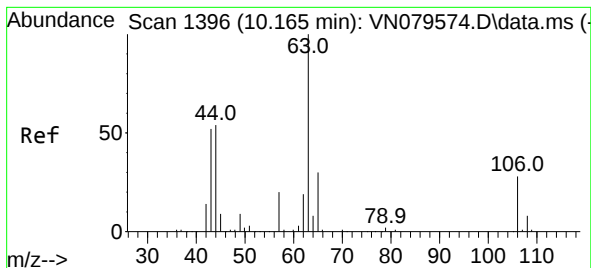
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#54
1,2-Dibromoethane
Concen: 5.057 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:107 Resp: 25885
Ion Ratio Lower Upper
107 100
109 90.8 73.2 109.8





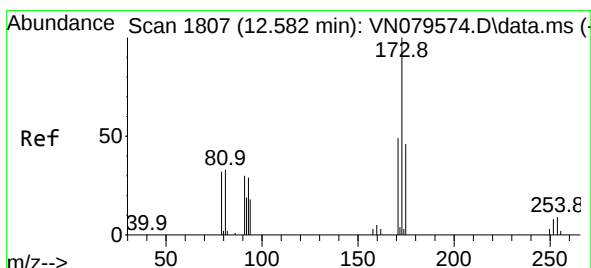
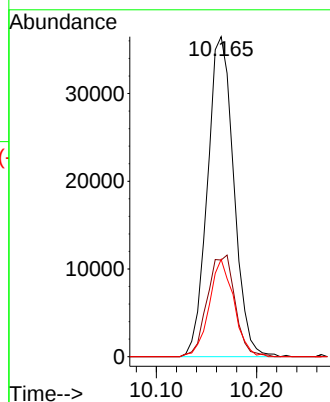
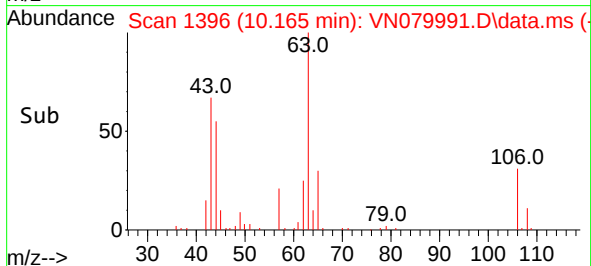
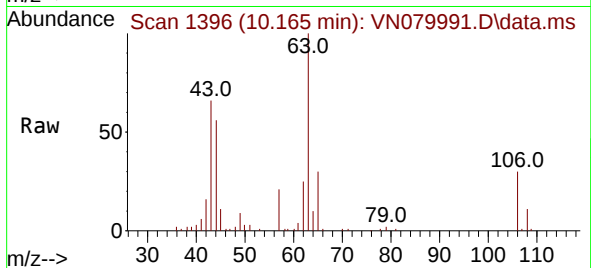
#55
2-Chloroethyl vinyl ether
Concen: 19.773 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 66632
Ion Ratio Lower Upper
63 100
65 33.3 25.9 38.9
106 28.6 20.6 30.8

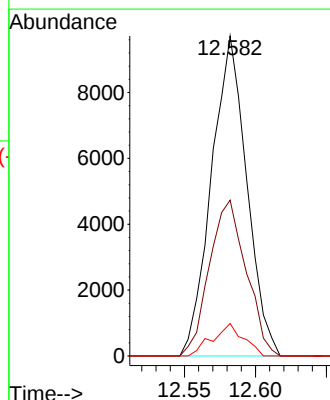
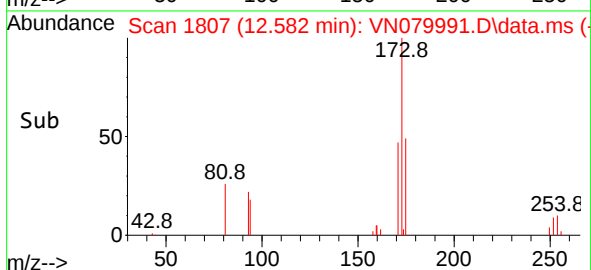
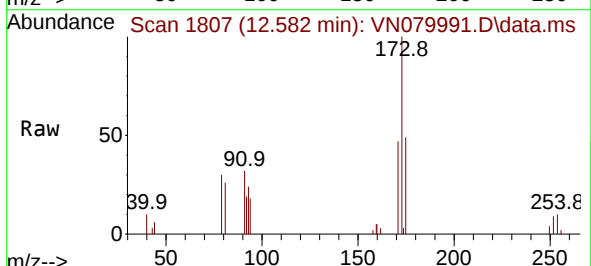
Manual Integrations
APPROVED

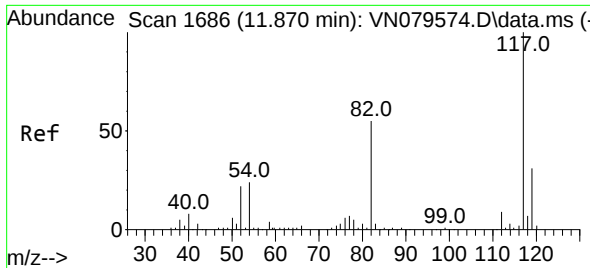
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#56
Bromoform
Concen: 4.693 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:173 Resp: 16772
Ion Ratio Lower Upper
173 100
175 50.8 37.9 56.9
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

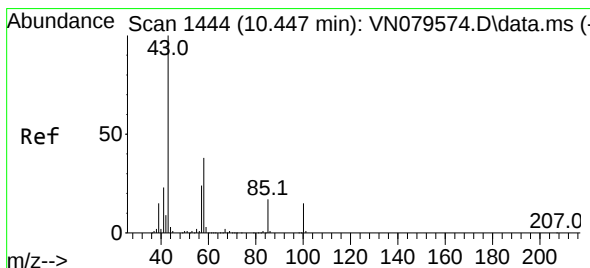
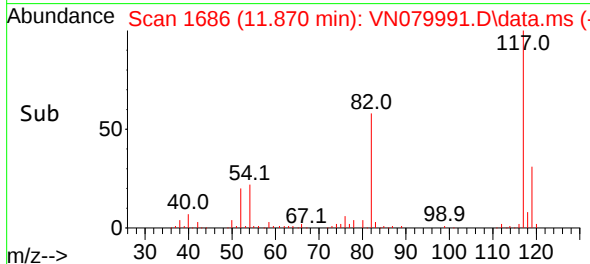
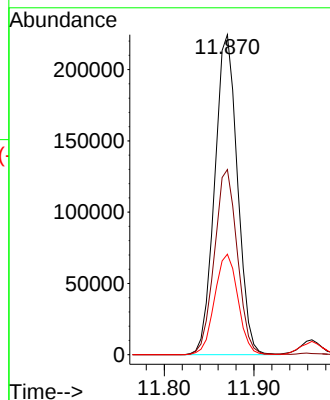
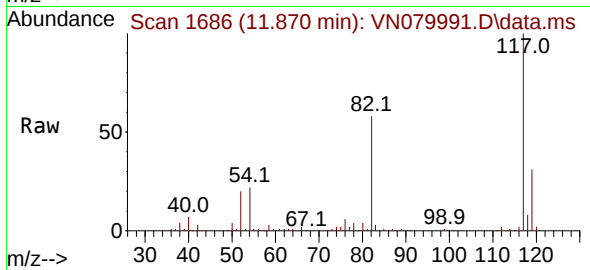
VSTDICC005

Tgt Ion:117 Resp: 39535
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.2
119 32.2 25.2 37.8

Manual Integrations

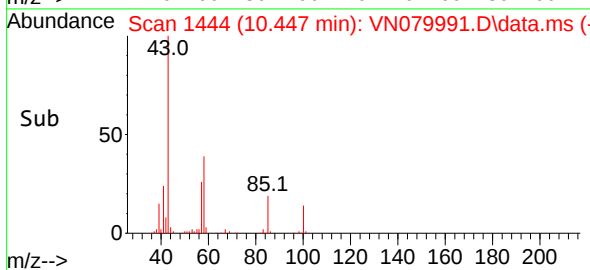
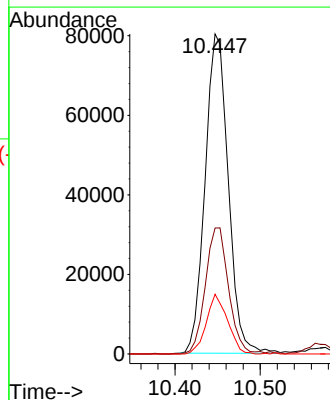
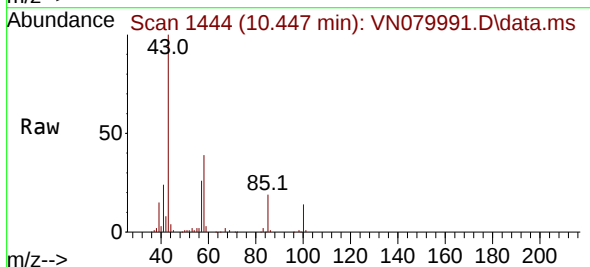
APPROVED

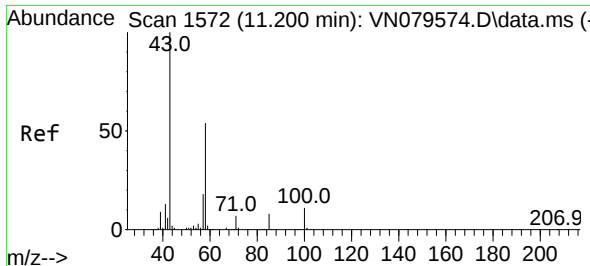
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#58
4-Methyl-2-Pentanone
Concen: 22.945 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 43 Resp: 151549
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6
85 17.1 13.2 19.8





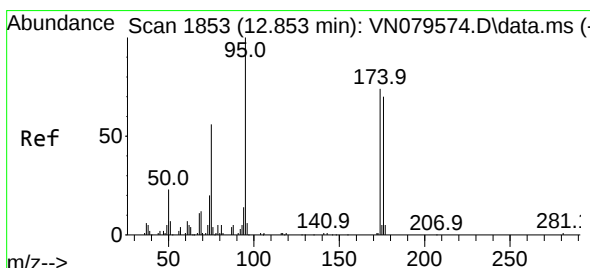
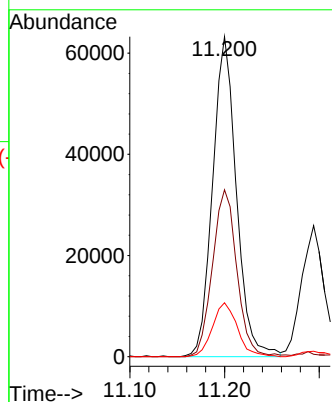
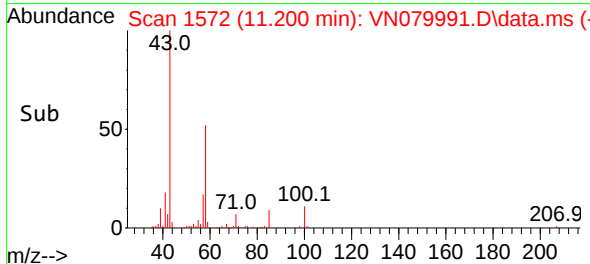
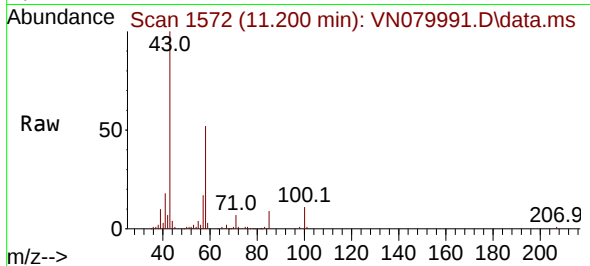
#59
2-Hexanone
Concen: 21.909 ug/l
RT: 11.200 min Scan# 110235
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 110235
Ion Ratio Lower Upper
43 100
58 53.1 42.3 63.5
57 17.7 13.9 20.9

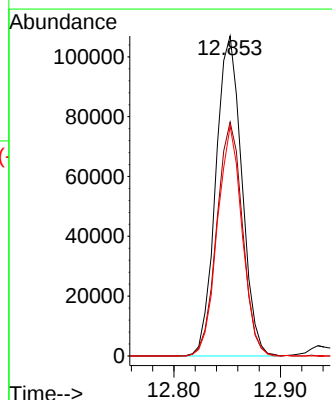
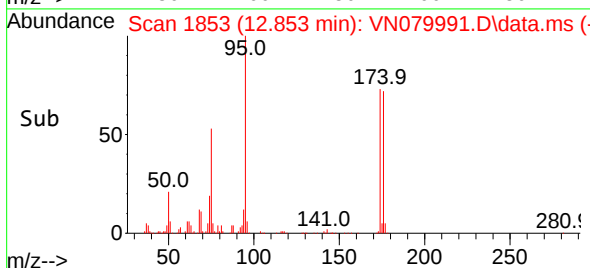
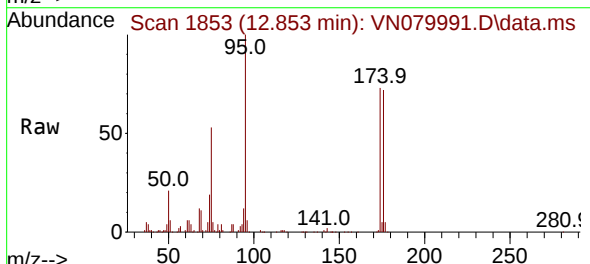
Manual Integrations
APPROVED

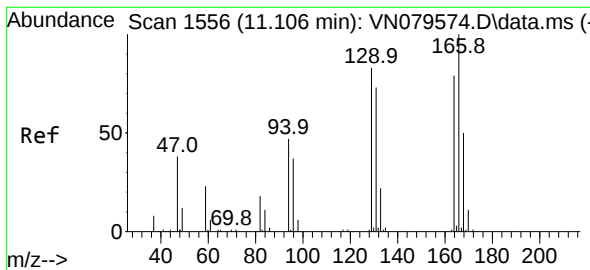
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
4-Bromofluorobenzene
Concen: 28.661 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 95 Resp: 181203
Ion Ratio Lower Upper
95 100
174 72.1 60.5 90.7
176 68.5 57.2 85.8





#61

Tetrachloroethene

Concen: 5.226 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:164 Resp: 2422

Ion Ratio Lower Upper

164 100

166 130.0 98.2 147.4

129 107.6 75.0 112.4

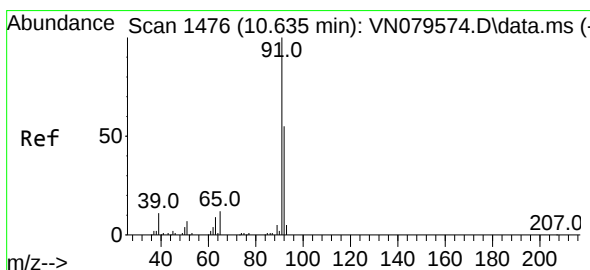
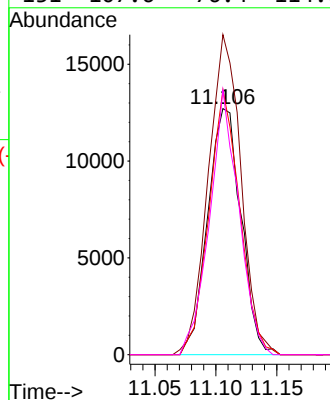
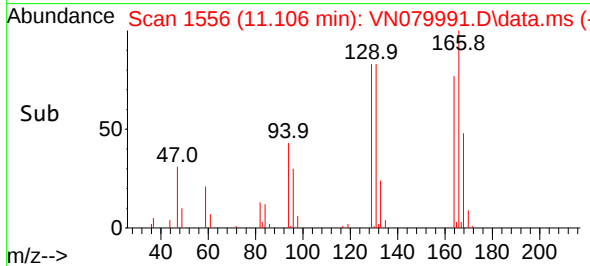
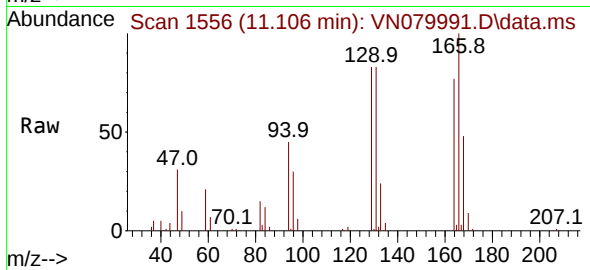
131 107.6 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#62

Toluene

Concen: 5.003 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN079991.D

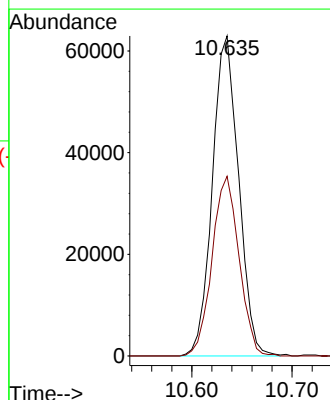
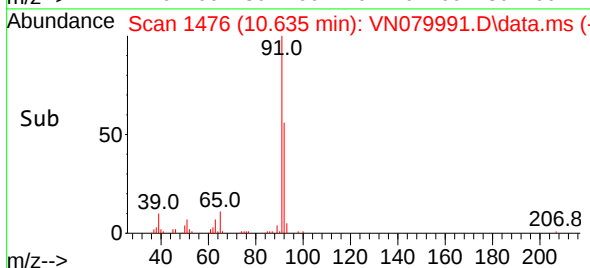
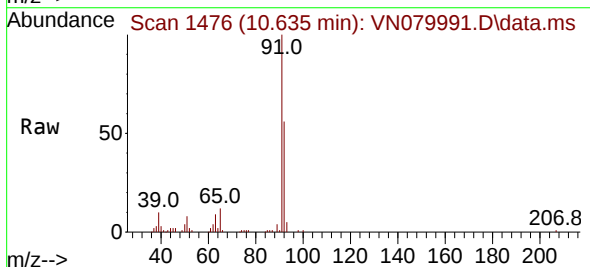
Acq: 08 Nov 2023 14:21

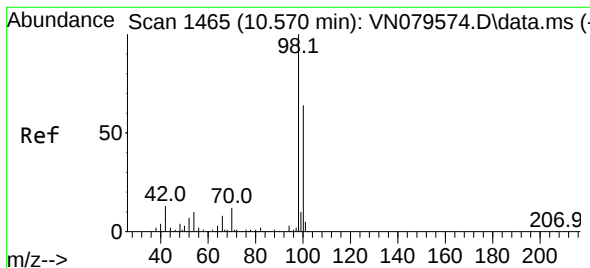
Tgt Ion: 91 Resp: 114402

Ion Ratio Lower Upper

91 100

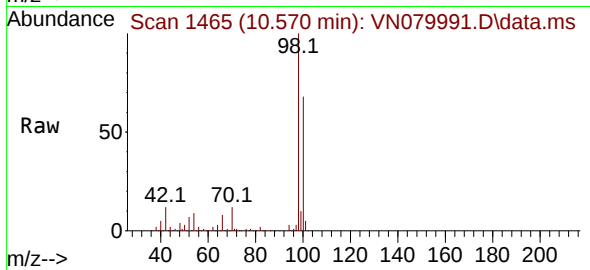
92 57.7 45.3 67.9





#63
Toluene-d8
Concen: 29.921 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

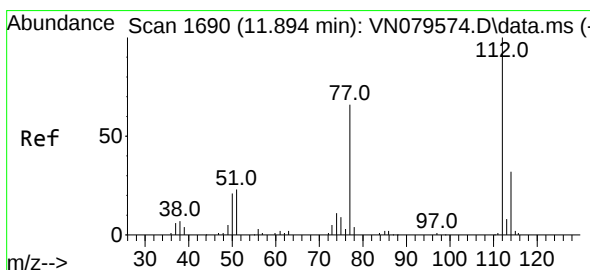
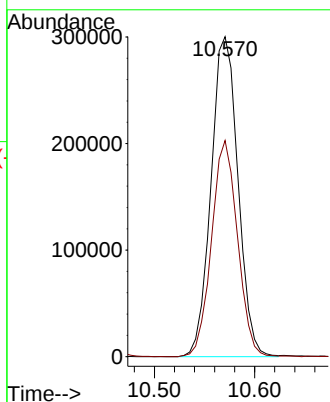
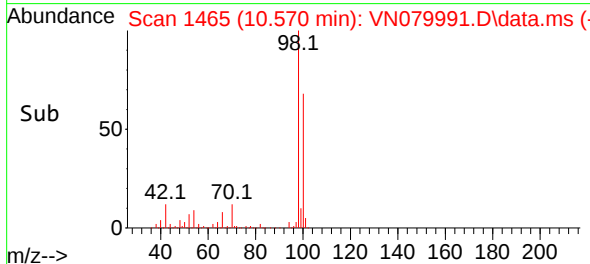
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 560492
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

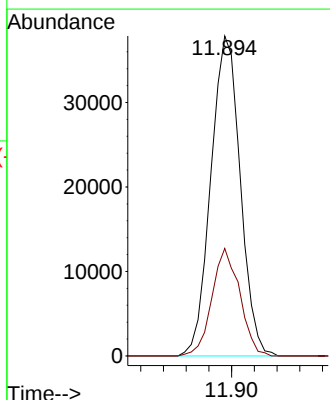
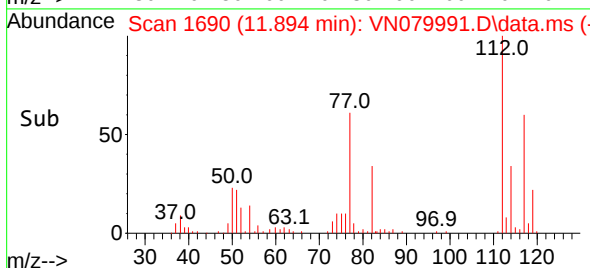
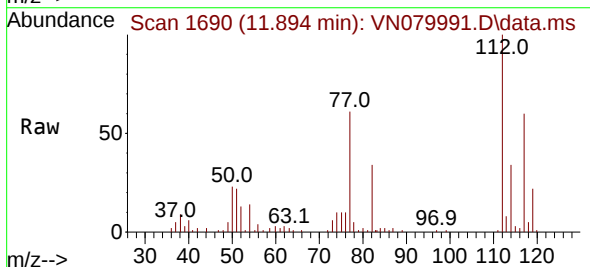
Manual Integrations
APPROVED

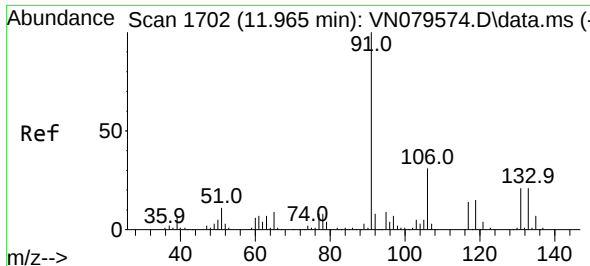
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Chlorobenzene
Concen: 4.995 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:112 Resp: 68163
Ion Ratio Lower Upper
112 100
114 33.6 28.1 42.1





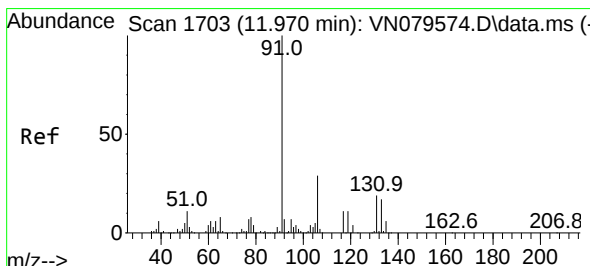
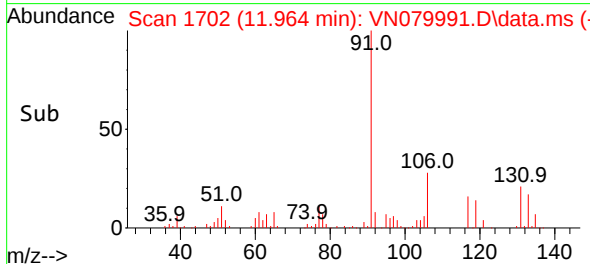
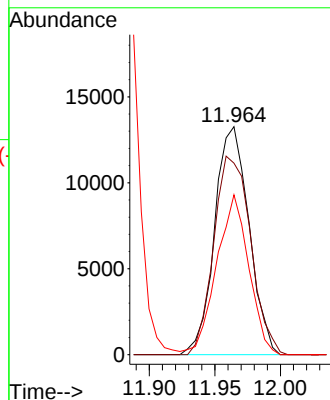
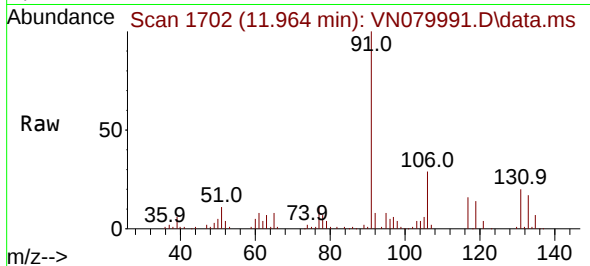
#65
1,1,1,2-Tetrachloroethane
Concen: 4.831 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:131 Resp: 2418
Ion Ratio Lower Upper
131 100
133 93.5 0.0 196.0
119 65.8 0.0 135.6

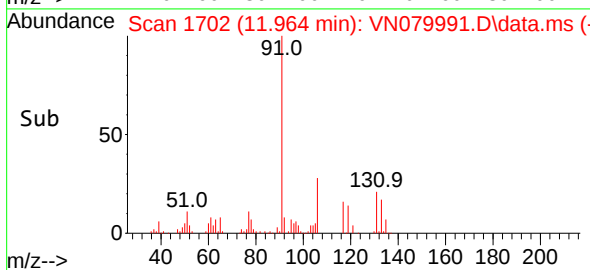
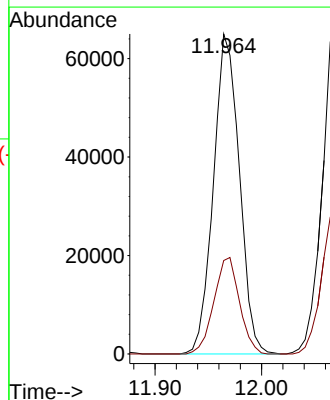
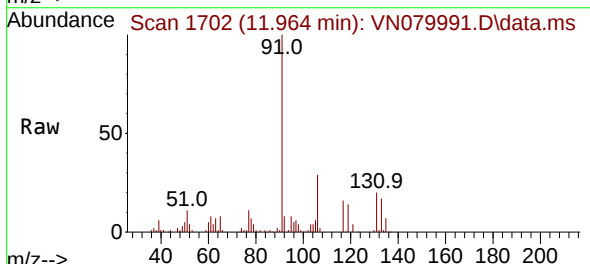
Manual Integrations
APPROVED

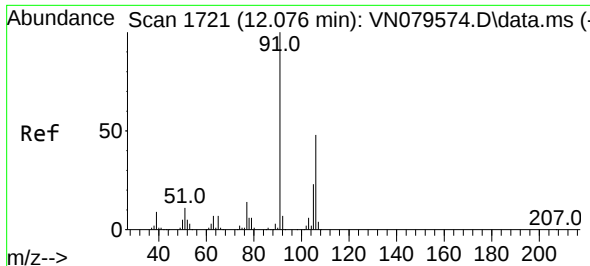
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#66
Ethyl Benzene
Concen: 4.570 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

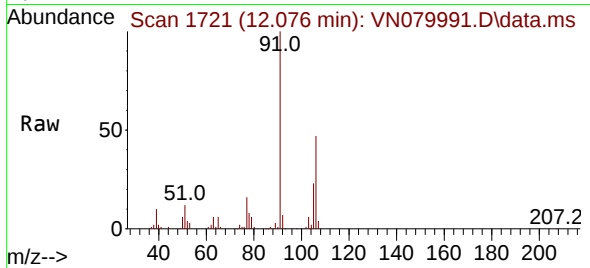
Tgt Ion: 91 Resp: 109801
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8





#67
m/p-Xylenes
Concen: 8.736 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

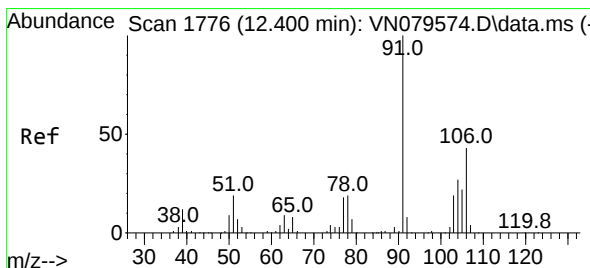
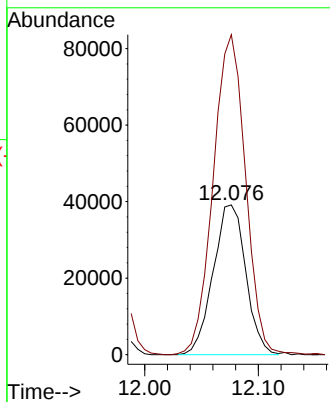
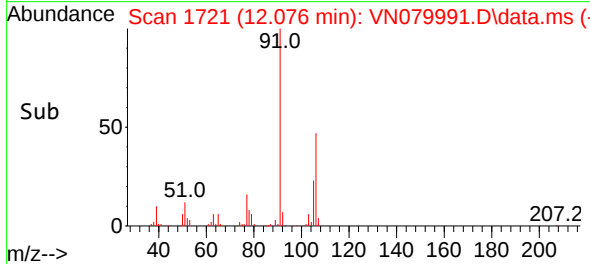
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



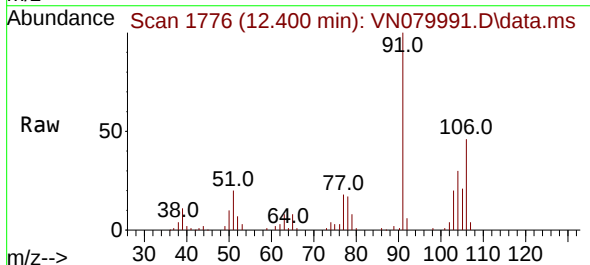
Tgt Ion:106 Resp: 78149
Ion Ratio Lower Upper
106 100
91 211.6 161.8 242.6

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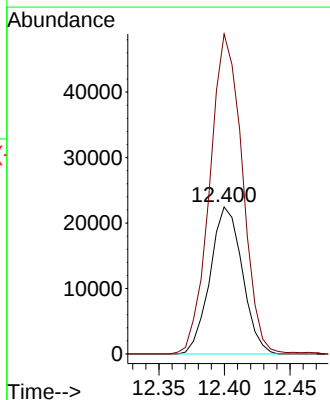
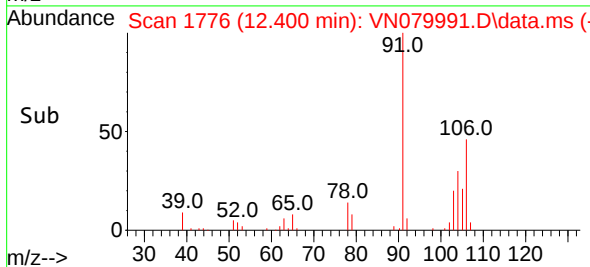
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

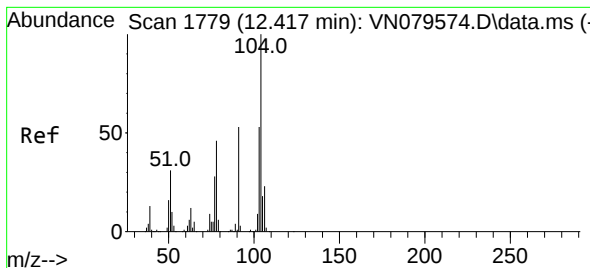


#68
o-Xylene
Concen: 4.475 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21



Tgt Ion:106 Resp: 38372
Ion Ratio Lower Upper
106 100
91 219.9 109.9 329.7





#69

Styrene

Concen: 4.292 ug/l

RT: 12.417 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079991.D

Acq: 08 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:104 Resp: 6091

Ion Ratio Lower Upper

104 100

78 50.9 41.2 61.8

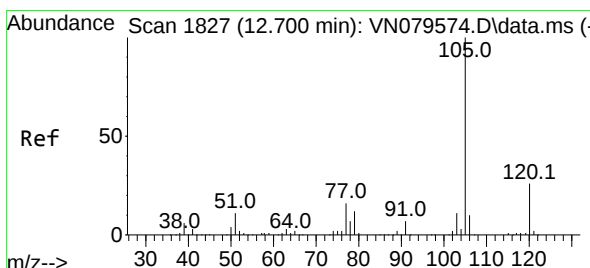
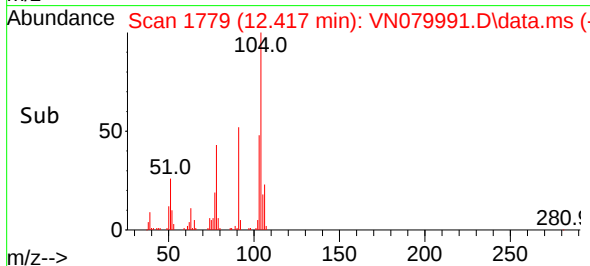
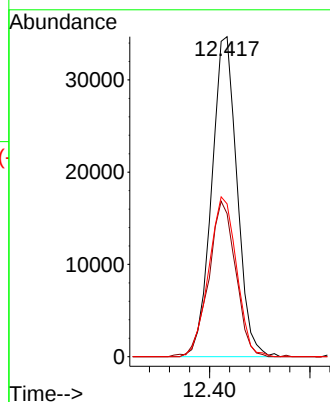
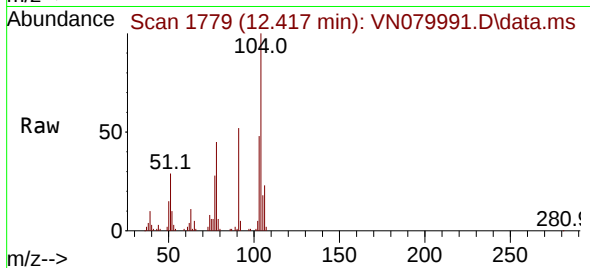
103 54.6 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#70

Isopropylbenzene

Concen: 4.356 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079991.D

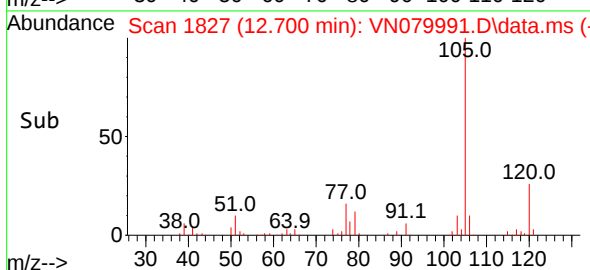
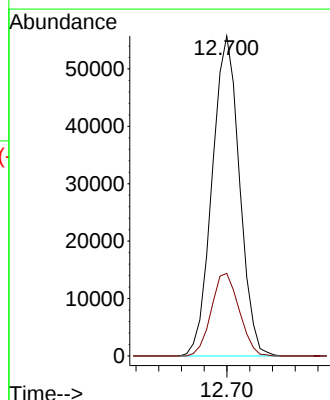
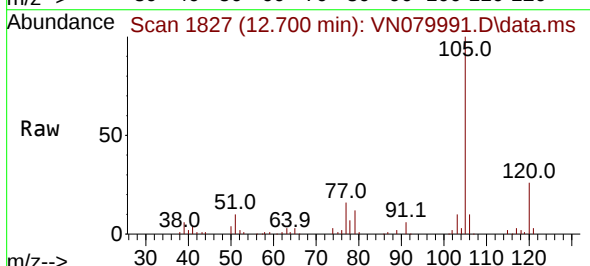
Acq: 08 Nov 2023 14:21

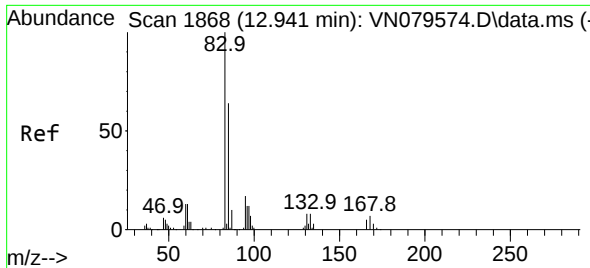
Tgt Ion:105 Resp: 93156

Ion Ratio Lower Upper

105 100

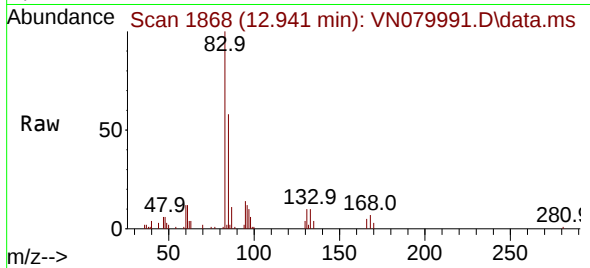
120 26.3 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 5.086 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

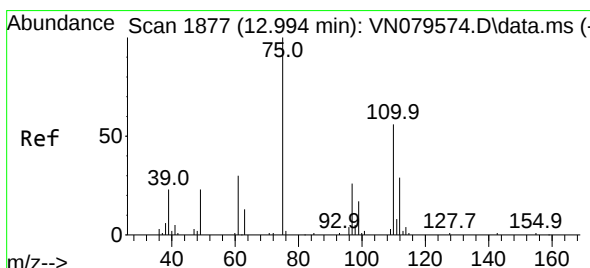
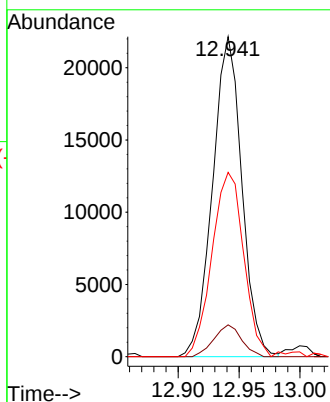
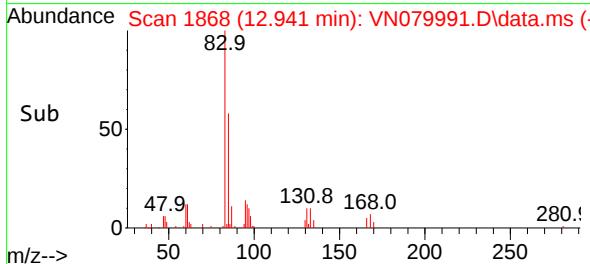
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 37052
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 62.1 32.1 96.3

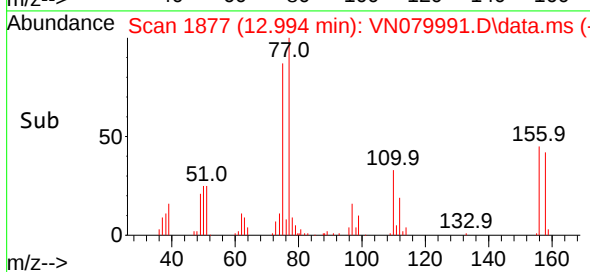
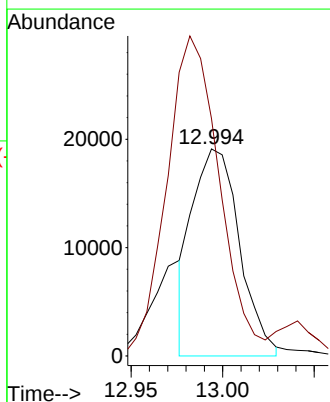
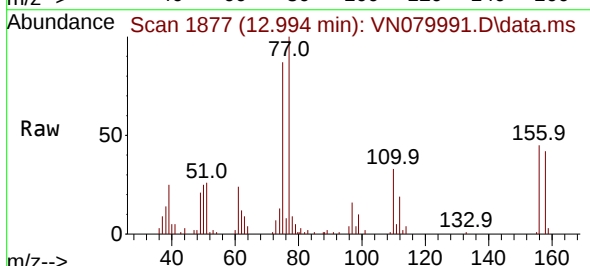
Manual Integrations
APPROVED

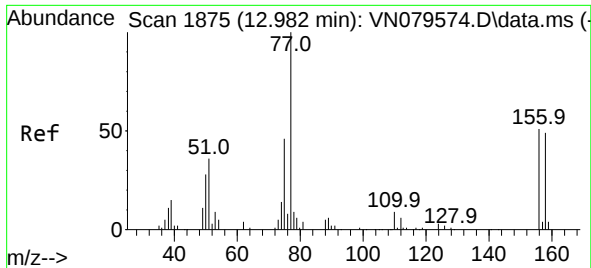
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#72
1,2,3-Trichloropropane
Concen: 3.658 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

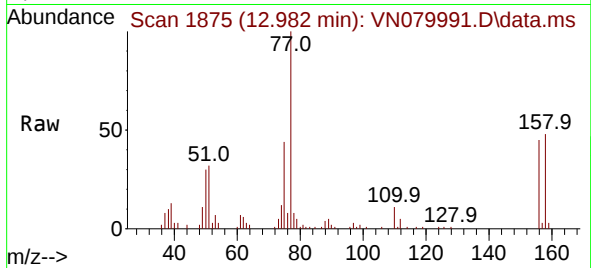
Tgt Ion: 75 Resp: 34131
Ion Ratio Lower Upper
75 100
77 173.4 0.0 338.2





#73
Bromobenzene
Concen: 4.834 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

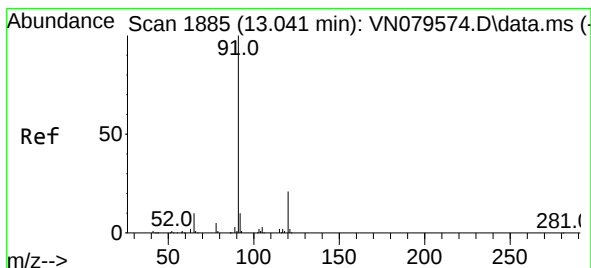
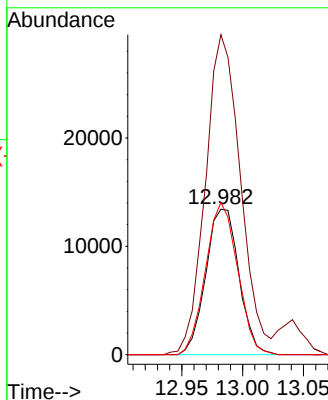
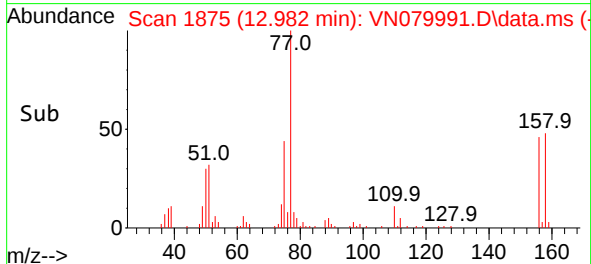
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



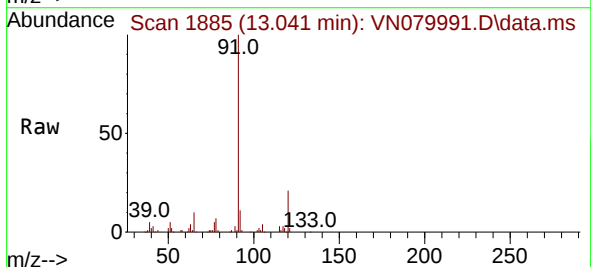
Tgt Ion:156 Resp: 25418
Ion Ratio Lower Upper
156 100
77 232.9 0.0 448.2
158 101.3 0.0 194.8

Manual Integrations
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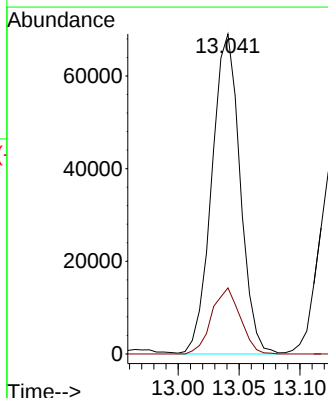
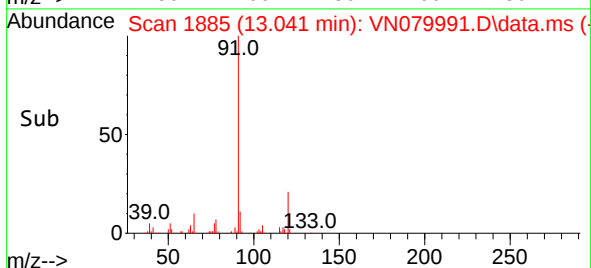
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

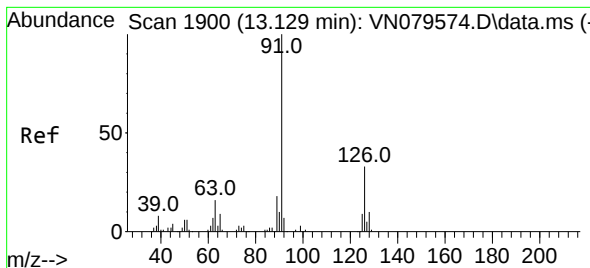


#74
n-propylbenzene
Concen: 4.379 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21



Tgt Ion: 91 Resp: 112044
Ion Ratio Lower Upper
91 100
120 20.7 0.0 42.0





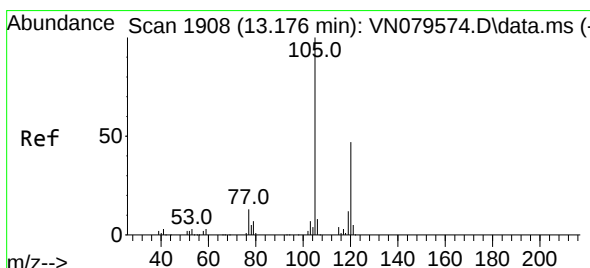
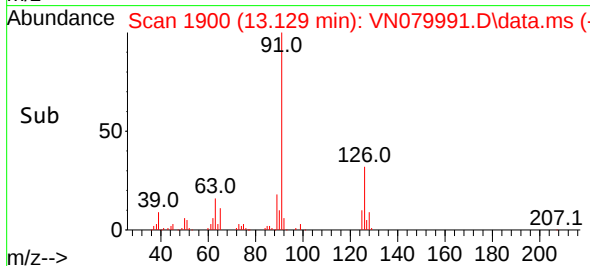
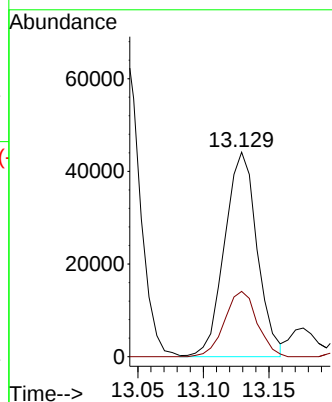
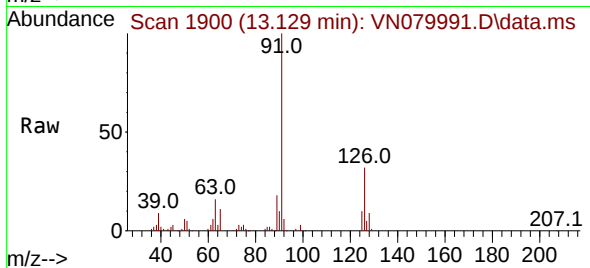
#75
2-Chlorotoluene
Concen: 4.693 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7632
Ion Ratio Lower Upper
91 100
126 31.9 0.0 64.6

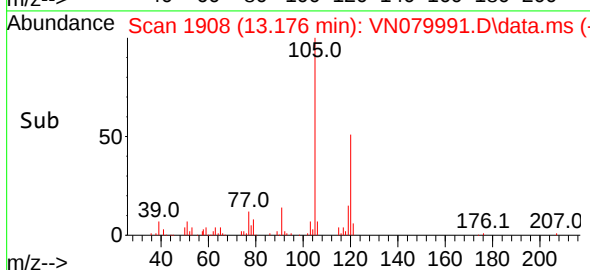
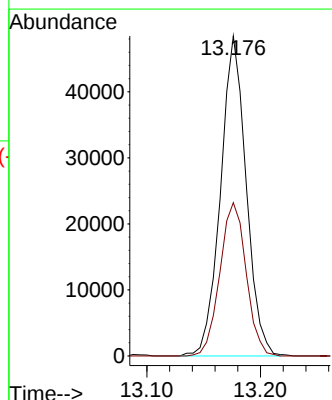
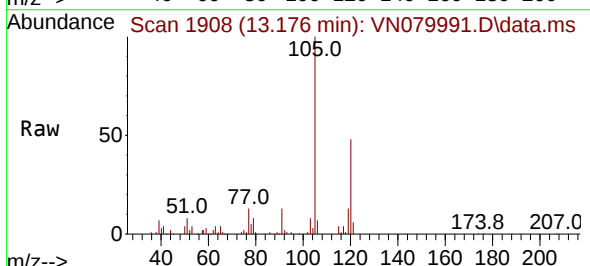
Manual Integrations
APPROVED

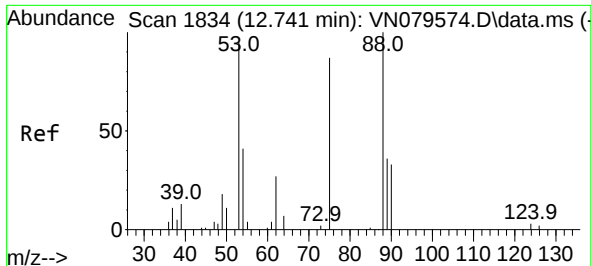
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.292 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:105 Resp: 75930
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.2





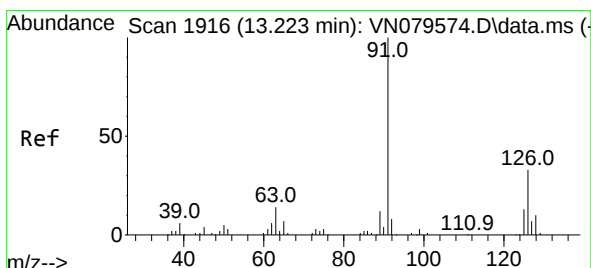
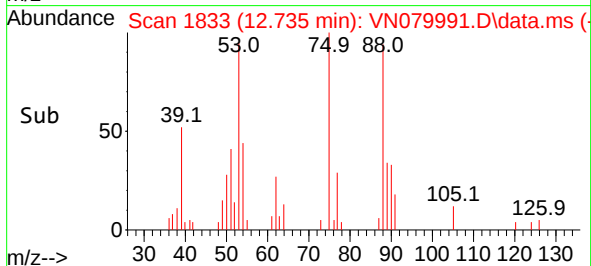
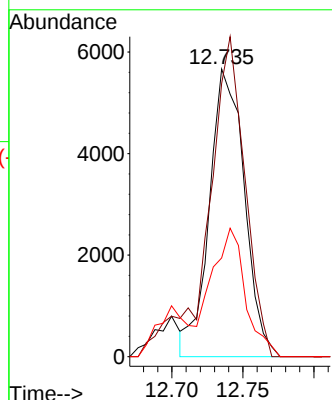
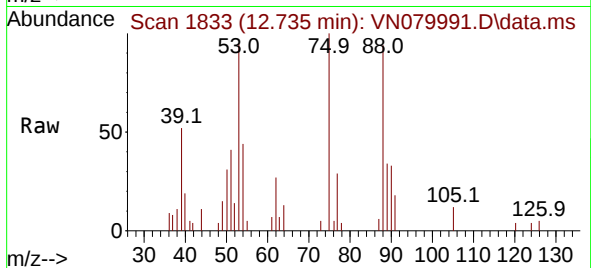
#77
t-1,4-Dichloro-2-butene
Concen: 4.375 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 969
Ion Ratio Lower Upper
75 100
53 95.0 53.0 159.1
89 34.3 22.6 67.7

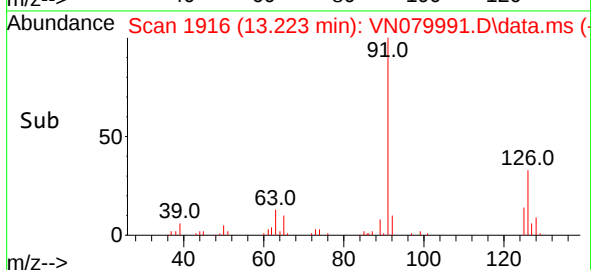
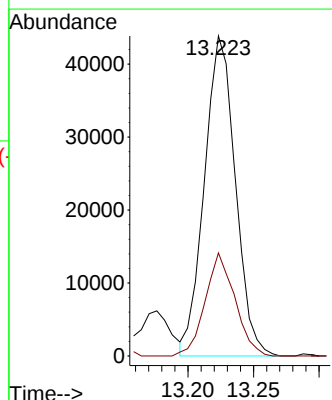
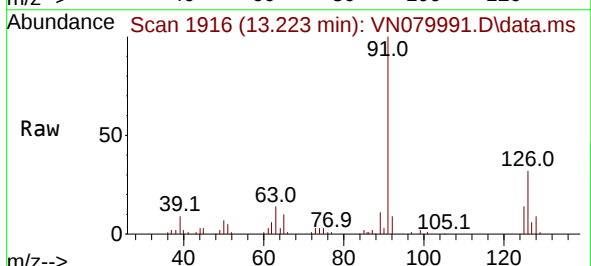
Manual Integrations
APPROVED

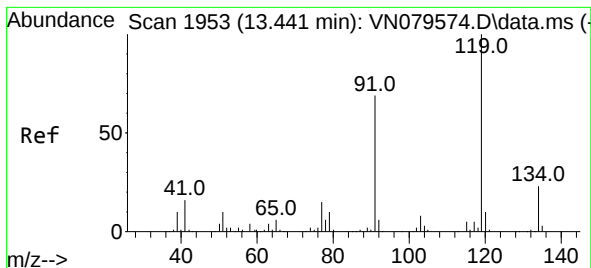
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#78
4-Chlorotoluene
Concen: 4.460 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

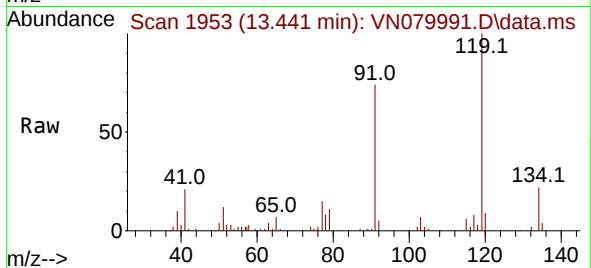
Tgt Ion: 91 Resp: 72035
Ion Ratio Lower Upper
91 100
126 31.0 0.0 65.4





#79
tert-butylbenzene
Concen: 4.214 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

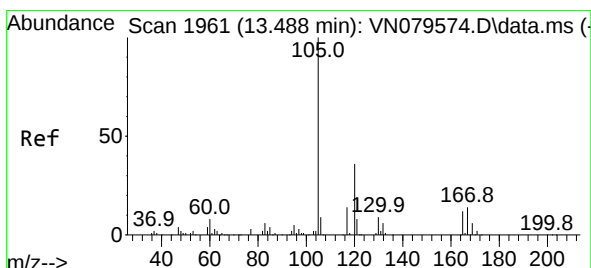
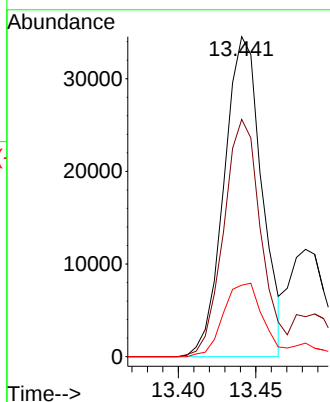
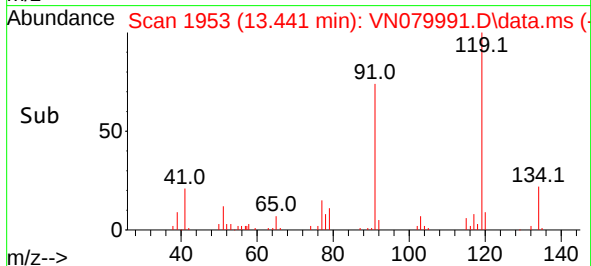
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:119 Resp: 58380
Ion Ratio Lower Upper
119 100
91 73.9 0.0 140.6
134 24.2 0.0 49.8

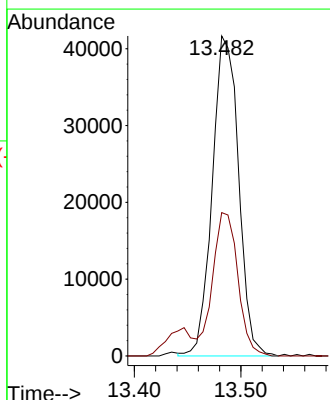
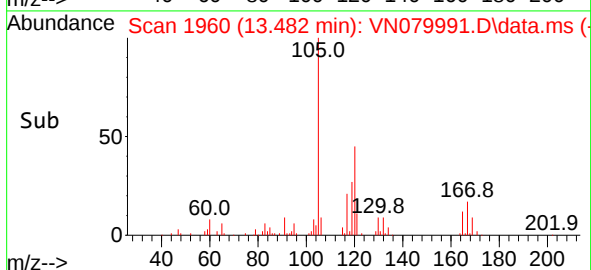
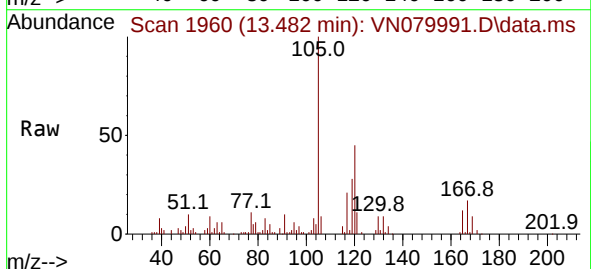
Manual Integrations
APPROVED

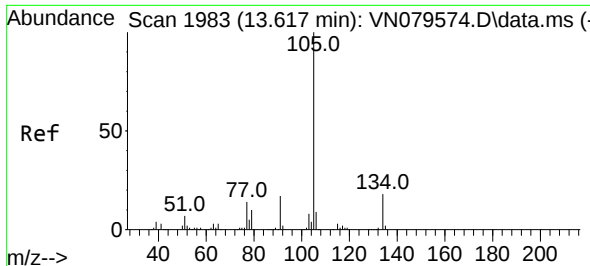
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.109 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:105 Resp: 71278
Ion Ratio Lower Upper
105 100
120 42.9 0.0 88.6





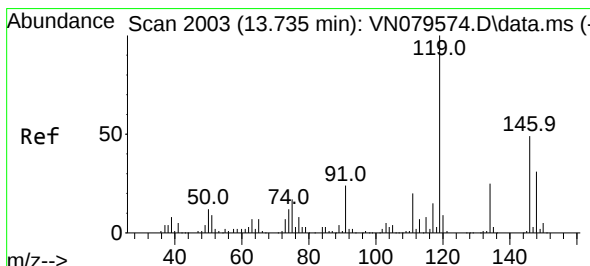
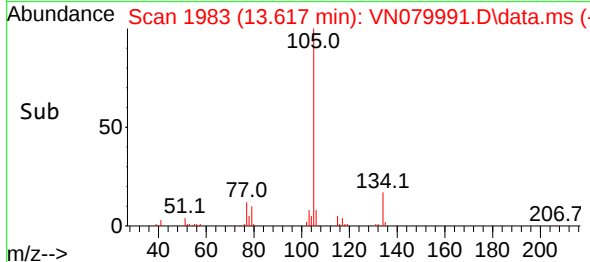
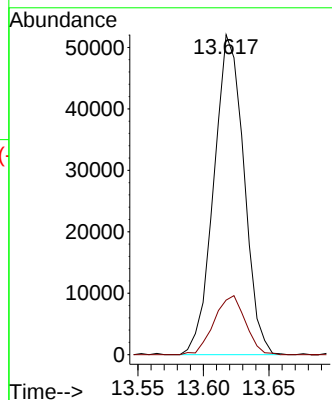
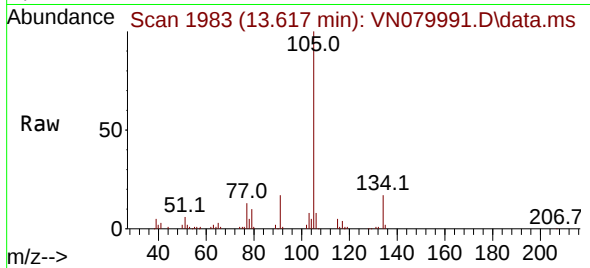
#81
 sec-Butylbenzene
 Concen: 4.249 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN079991.D
 Acq: 08 Nov 2023 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 83089
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.2

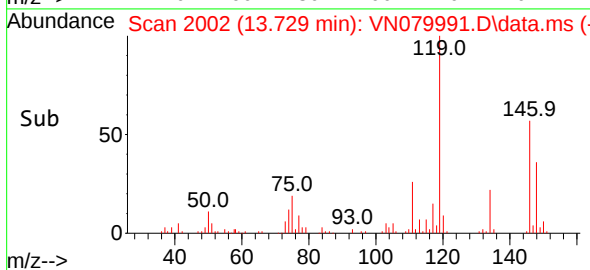
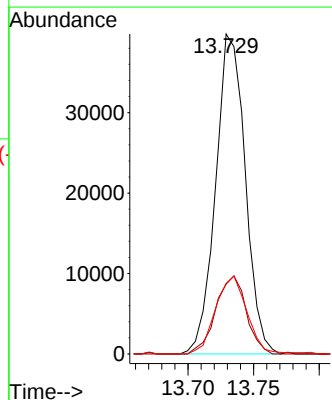
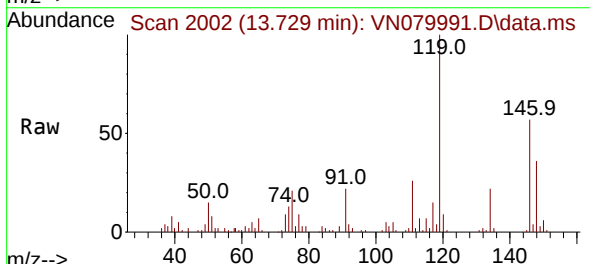
Manual Integrations
 APPROVED

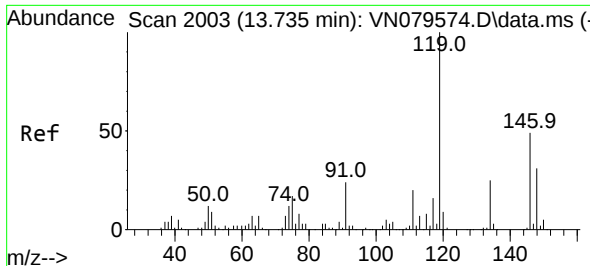
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#82
 p-Isopropyltoluene
 Concen: 3.932 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079991.D
 Acq: 08 Nov 2023 14:21

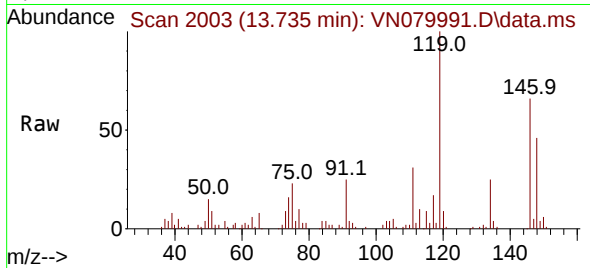
Tgt Ion:119 Resp: 62442
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.2
 91 25.6 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 4.602 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

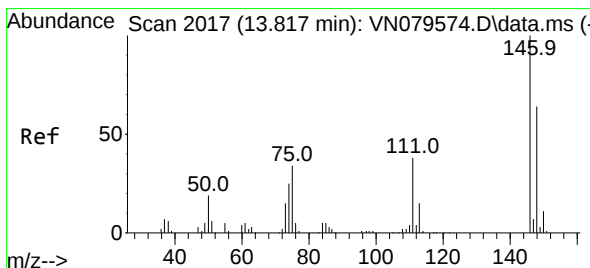
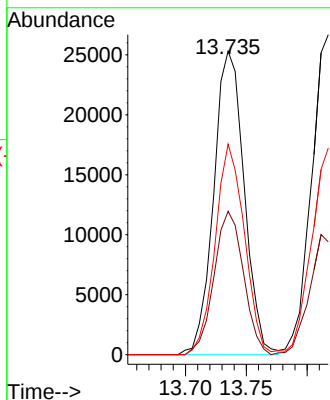
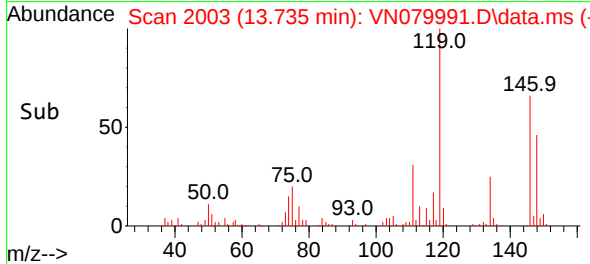
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



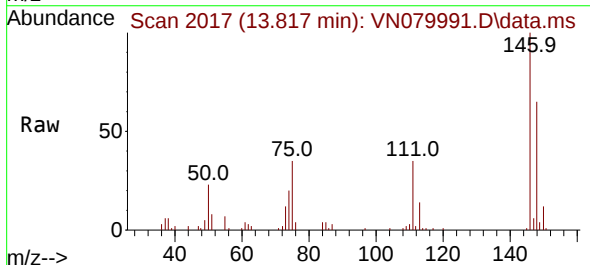
Tgt Ion:146 Resp: 4409
Ion Ratio Lower Upper
146 100
111 45.8 21.0 63.0
148 66.4 32.4 97.0

Manual Integrations
APPROVED

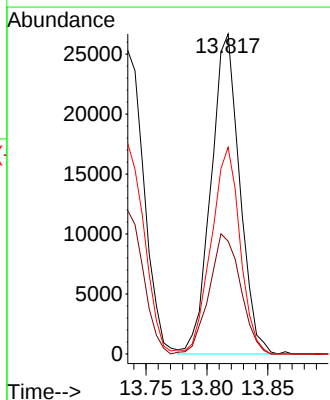
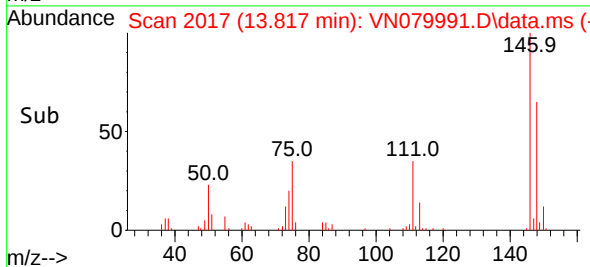
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

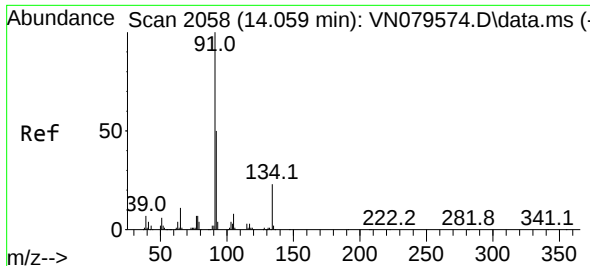


#84
1,4-Dichlorobenzene
Concen: 4.635 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21



Tgt Ion:146 Resp: 43587
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.7
148 64.8 32.6 97.7





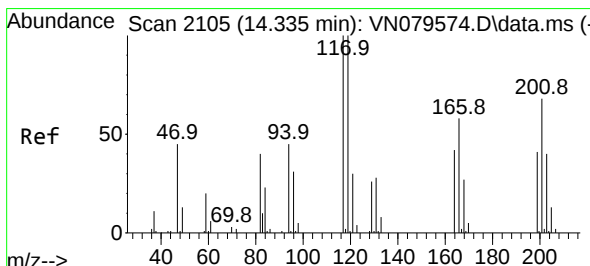
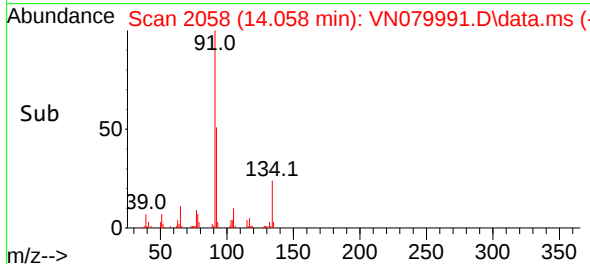
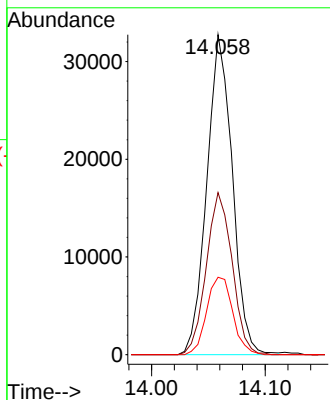
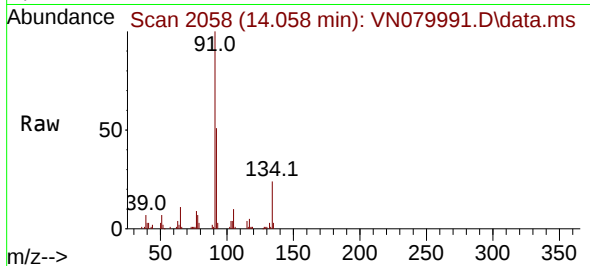
#85
n-Butylbenzene
Concen: 3.850 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5114
Ion Ratio Lower Upper
91 100
92 51.3 0.0 99.6
134 24.7 0.0 46.2

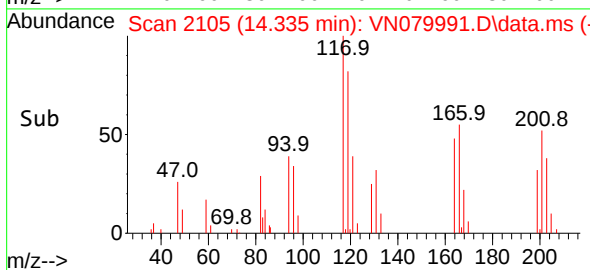
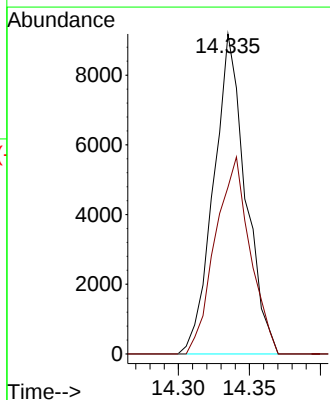
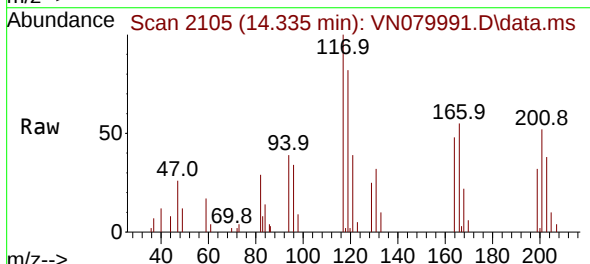
Manual Integrations
APPROVED

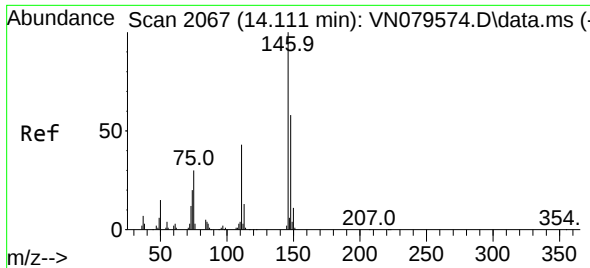
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#86
Hexachloroethane
Concen: 4.649 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:117 Resp: 14358
Ion Ratio Lower Upper
117 100
201 67.2 32.5 97.5





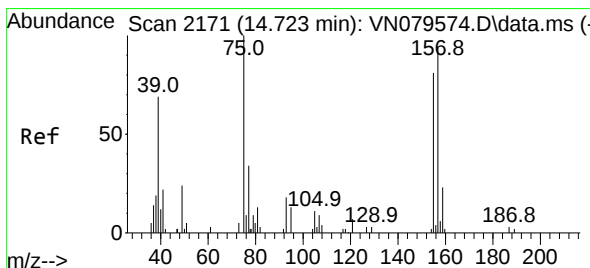
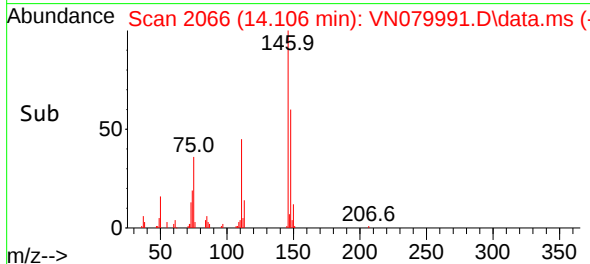
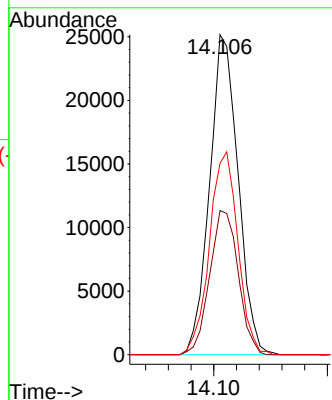
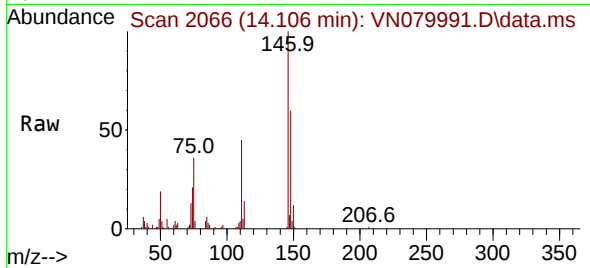
#87
1,2-Dichlorobenzene
Concen: 4.792 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 4386
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 63.3 31.1 93.5

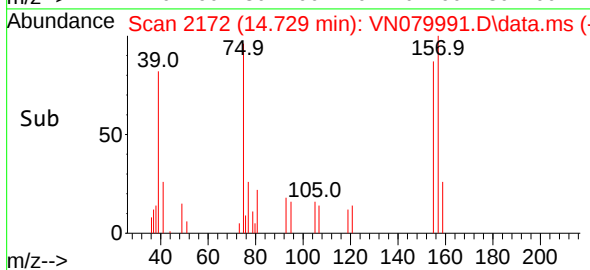
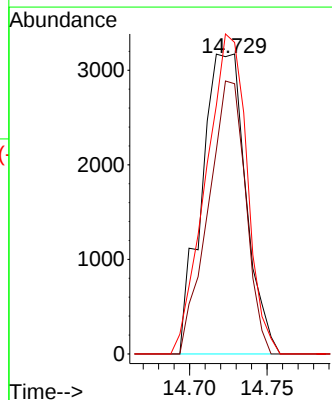
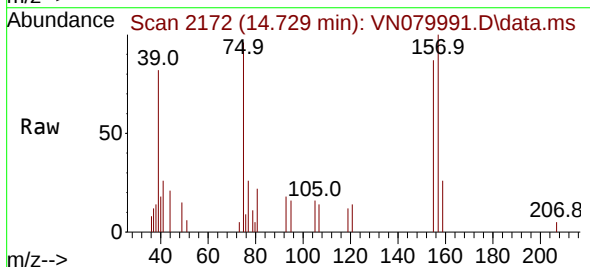
Manual Integrations
APPROVED

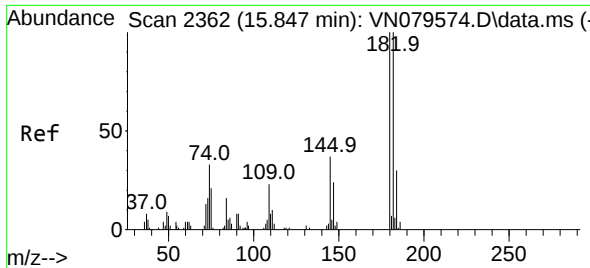
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.699 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion: 75 Resp: 6260
Ion Ratio Lower Upper
75 100
155 77.4 60.7 91.1
157 99.6 76.8 115.2





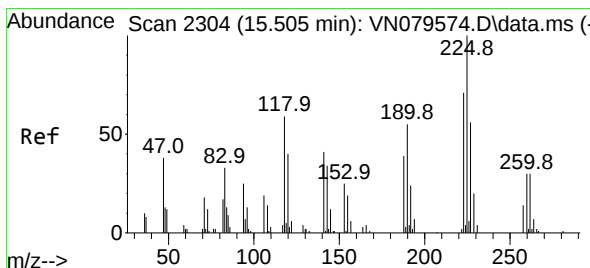
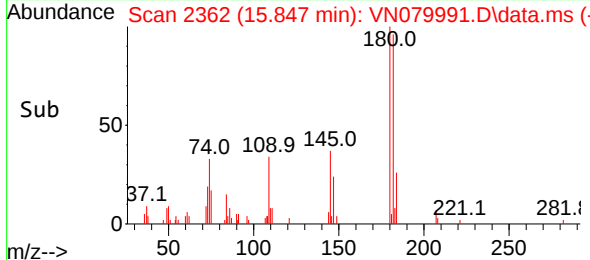
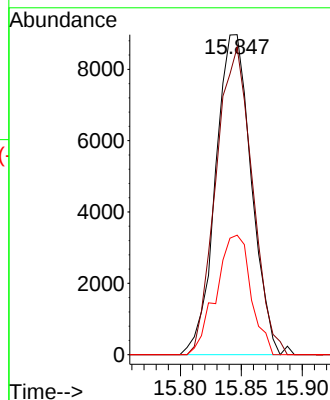
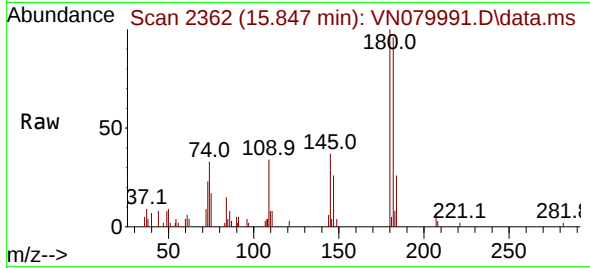
#89
1,2,4-Trichlorobenzene
Concen: 4.318 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 18309
Ion Ratio Lower Upper
180 100
182 97.5 74.2 111.4
145 36.4 25.4 38.2

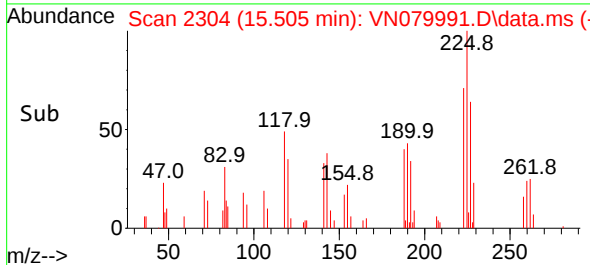
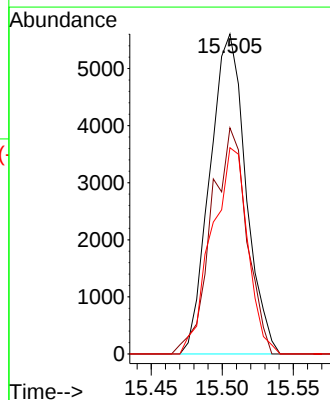
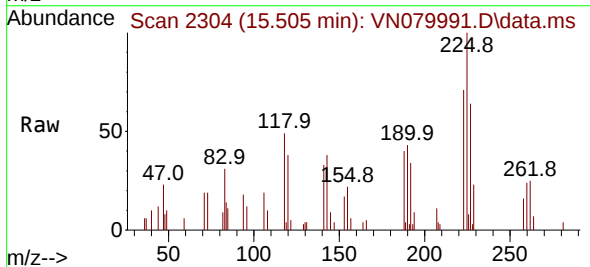
Manual Integrations
APPROVED

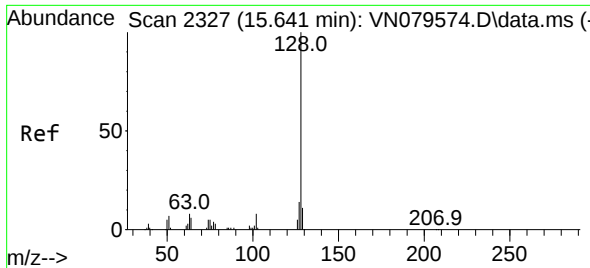
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#90
Hexachlorobutadiene
Concen: 4.723 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

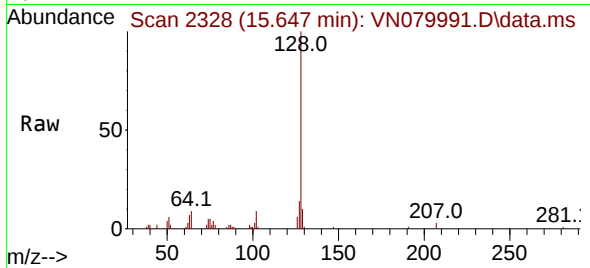
Tgt Ion:225 Resp: 9870
Ion Ratio Lower Upper
225 100
223 69.9 0.0 126.0
227 64.4 0.0 127.0





#91
Naphthalene
Concen: 4.057 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

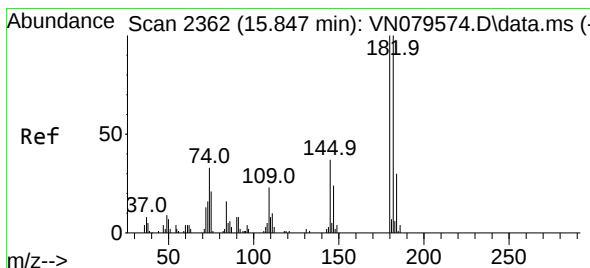
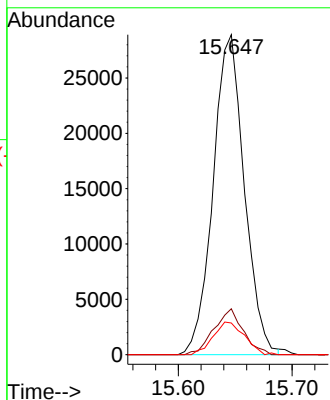
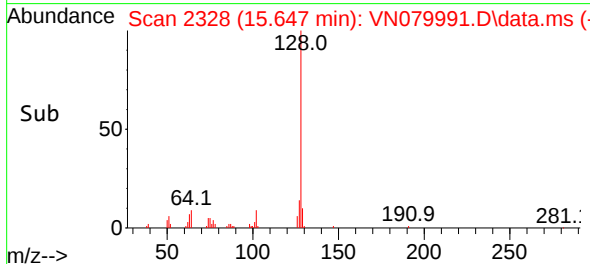
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 55214
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 10.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.318 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079991.D
Acq: 08 Nov 2023 14:21

Tgt Ion:180 Resp: 18309
Ion Ratio Lower Upper
180 100
182 97.5 0.0 185.6
145 36.4 0.0 63.6

