

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079366.D
 Acq On : 28 Sep 2023 12:04
 Operator : JC\MD
 Sample : VN0928WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

Quant Time: Sep 29 04:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	153652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	244990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118066	56.922	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.840%			
35) Dibromofluoromethane	8.171	113	91602	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	10.571	98	331666	49.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.853	95	104919	49.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	28834	18.966	ug/l	97
3) Chloromethane	2.365	50	37007	18.543	ug/l	98
4) Vinyl Chloride	2.518	62	42859	19.709	ug/l	100
5) Bromomethane	2.959	94	26638	21.311	ug/l	92
6) Chloroethane	3.118	64	30640	21.473	ug/l	95
7) Trichlorofluoromethane	3.501	101	55995	17.585	ug/l	95
8) Diethyl Ether	3.971	74	20959	18.963	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	31993	18.892	ug/l	98
10) Methyl Iodide	4.595	142	33152	23.932	ug/l	92
11) Tert butyl alcohol	5.524	59	32843	85.767	ug/l	100
12) 1,1-Dichloroethene	4.342	96	28940	17.660	ug/l	83
13) Acrolein	4.189	56	44477	121.762	ug/l	95
14) Allyl chloride	5.018	41	47724	18.256	ug/l #	90
15) Acrylonitrile	5.718	53	99685	100.394	ug/l	98
16) Acetone	4.436	43	97387	110.553	ug/l	95
17) Carbon Disulfide	4.712	76	72326	14.121	ug/l	100
18) Methyl Acetate	5.030	43	79420	21.937	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	110883	19.729	ug/l	97
20) Methylene Chloride	5.283	84	39963	18.642	ug/l	86
21) trans-1,2-Dichloroethene	5.795	96	32863	17.287	ug/l	88
22) Diisopropyl ether	6.677	45	124954	21.785	ug/l #	93
23) Vinyl Acetate	6.606	43	344893	97.758	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	72705	20.562	ug/l	99
25) 2-Butanone	7.489	43	134850	105.506	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	55913	19.269	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	41842	19.249	ug/l	86
28) Bromochloromethane	7.824	49	27739	17.351	ug/l #	73
29) Tetrahydrofuran	7.841	42	83182	102.268	ug/l #	77
30) Chloroform	7.971	83	75171	20.419	ug/l	94
31) Cyclohexane	8.259	56	54337	17.942	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	62590	19.945	ug/l	96
36) 1,1-Dichloropropene	8.377	75	50314	17.941	ug/l	96
37) Ethyl Acetate	7.565	43	50953	18.215	ug/l #	94
38) Carbon Tetrachloride	8.365	117	52248	18.003	ug/l	100
39) Methylcyclohexane	9.606	83	45772	16.546	ug/l #	84
40) Benzene	8.612	78	158768	18.493	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28769	20.398	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	60174	20.360	ug/l	98
43) Isopropyl Acetate	8.694	43	87011	19.064	ug/l #	90
44) Trichloroethene	9.359	130	36384	17.204	ug/l	98
45) 1,2-Dichloropropane	9.624	63	43000	20.182	ug/l	94
46) Dibromomethane	9.712	93	29591	20.458	ug/l	98
47) Bromodichloromethane	9.888	83	60894	20.555	ug/l	98
48) Methyl methacrylate	9.682	41	40047	19.588	ug/l #	79
49) 1,4-Dioxane	9.700	88	15594	370.845	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	276221	104.254	ug/l	89
52) Toluene	10.635	92	94864	17.980	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	58681	18.785	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	64516	19.310	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	40583	19.603	ug/l	91
56) Ethyl methacrylate	10.877	69	53274	18.229	ug/l #	79
57) 1,3-Dichloropropane	11.171	76	69671	19.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	124914	108.492	ug/l	90
59) 2-Hexanone	11.200	43	192619	100.374	ug/l	89
60) Dibromochloromethane	11.365	129	41766	18.956	ug/l	99
61) 1,2-Dibromoethane	11.476	107	38924	18.840	ug/l	99
64) Tetrachloroethene	11.106	164	31406	17.581	ug/l	95
65) Chlorobenzene	11.894	112	100951	18.189	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	38206	18.358	ug/l	96
67) Ethyl Benzene	11.971	91	171569	18.073	ug/l	95
68) m/p-Xylenes	12.076	106	127917	36.151	ug/l	94
69) o-Xylene	12.400	106	61108	18.007	ug/l	91
70) Styrene	12.418	104	101646	18.623	ug/l	98
71) Bromoform	12.582	173	26802	17.445	ug/l #	97
73) Isopropylbenzene	12.700	105	157485	17.819	ug/l	98
74) N-amyl acetate	12.500	43	63527	18.945	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	60086	18.257	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	51874m	19.813	ug/l	
77) Bromobenzene	12.982	156	37311	16.672	ug/l	92
78) n-propylbenzene	13.041	91	185033	18.637	ug/l	98
79) 2-Chlorotoluene	13.129	91	115880	17.845	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	132911	18.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15697	16.483	ug/l #	74
82) 4-Chlorotoluene	13.223	91	110627	18.130	ug/l	97
83) tert-Butylbenzene	13.441	119	106699	17.514	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	130330	18.582	ug/l	99
85) sec-Butylbenzene	13.618	105	157028	18.722	ug/l	99
86) p-Isopropyltoluene	13.735	119	120198	17.938	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	64038	17.446	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	62602	16.878	ug/l	100
89) n-Butylbenzene	14.059	91	92697	17.592	ug/l	97
90) Hexachloroethane	14.335	117	25530	18.761	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	63316	17.473	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8931	17.851	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	19117	14.681	ug/l	95
94) Hexachlorobutadiene	15.506	225	15242	14.880	ug/l	96
95) Naphthalene	15.647	128	45054	11.649	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	21366	13.910	ug/l	97

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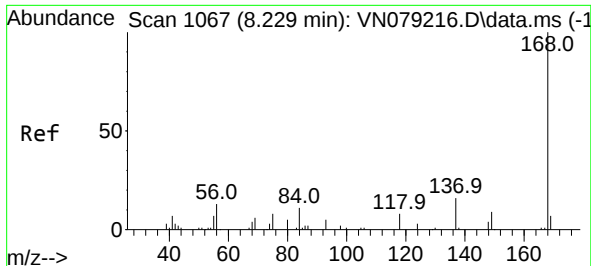
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

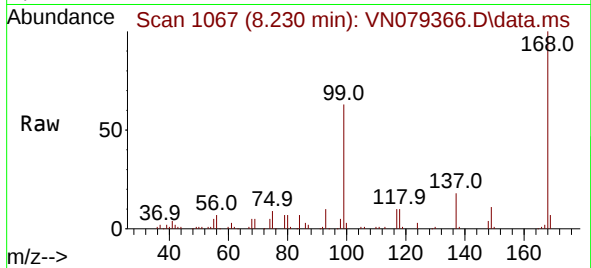
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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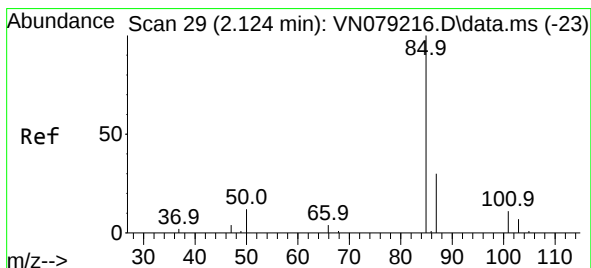
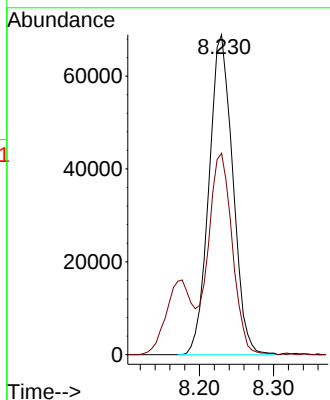
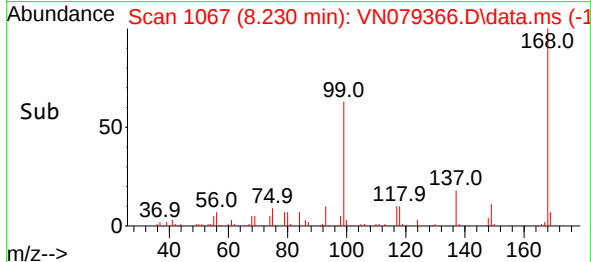
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 153652
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6

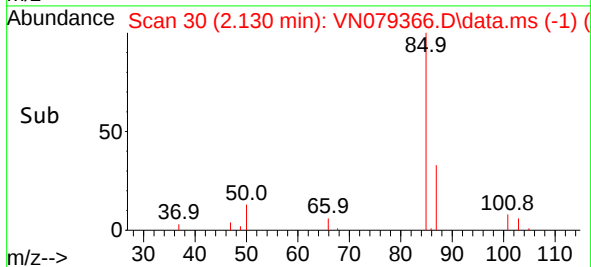
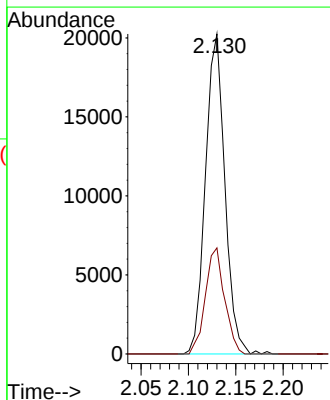
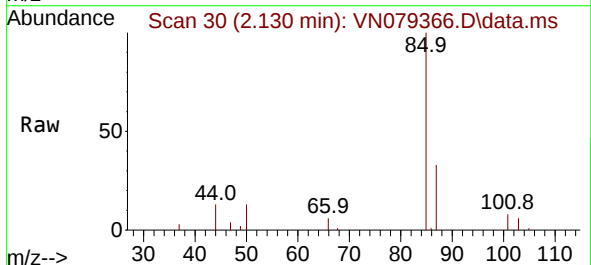
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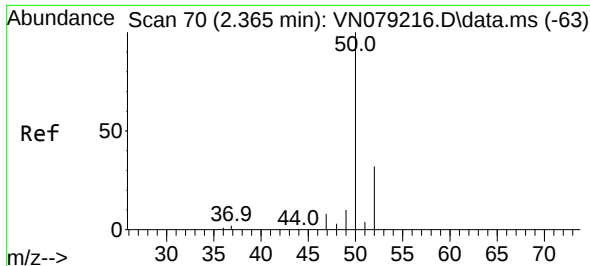
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#2
Dichlorodifluoromethane
Concen: 18.966 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 85 Resp: 28834
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





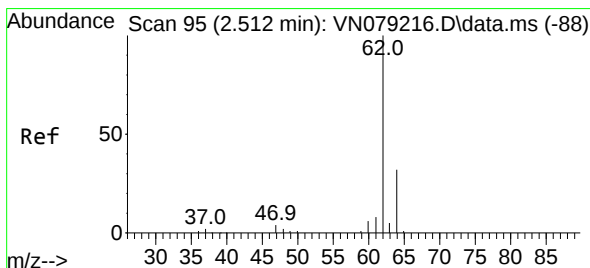
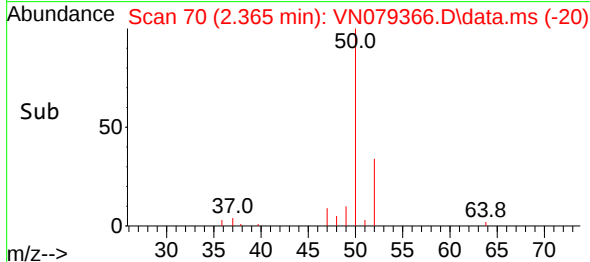
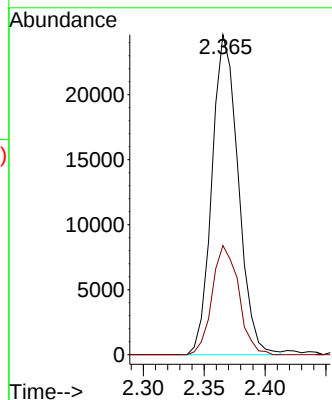
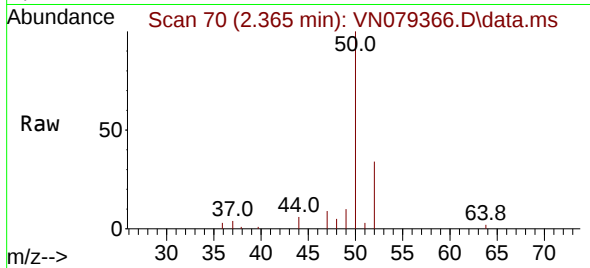
#3
Chloromethane
Concen: 18.543 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

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Tgt Ion: 50 Resp: 3700
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

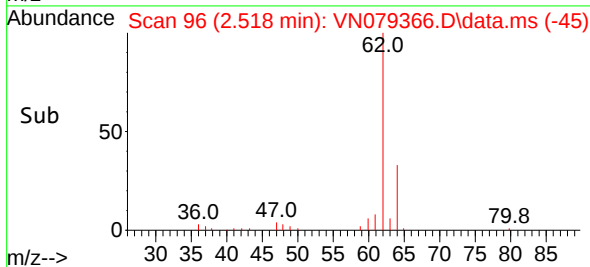
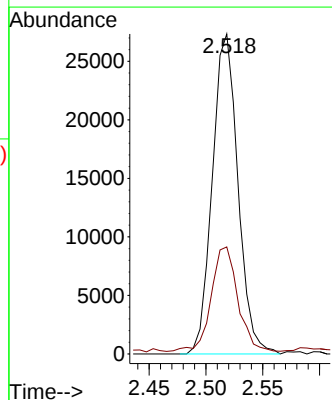
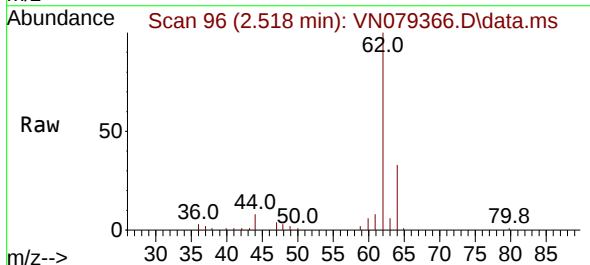
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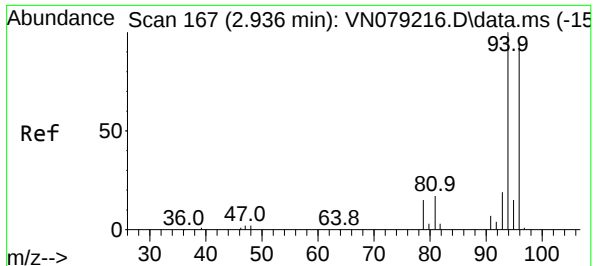
Reviewed By :John Carlone 09/29/2023
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#4
Vinyl Chloride
Concen: 19.709 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

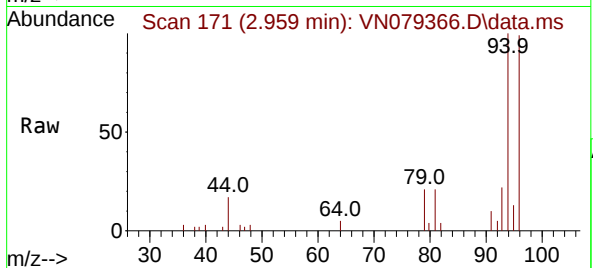
Tgt Ion: 62 Resp: 42859
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 21.311 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

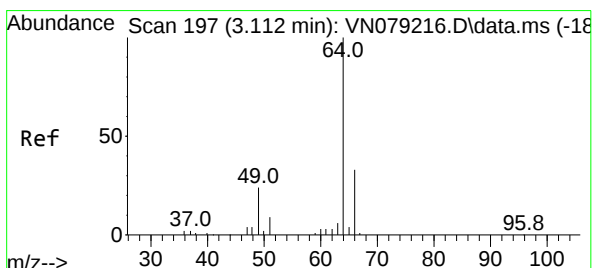
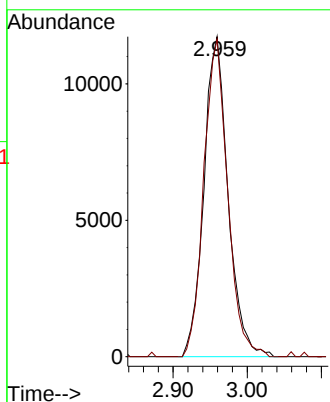
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 26638
Ion Ratio Lower Upper
94 100
96 99.2 73.1 109.7

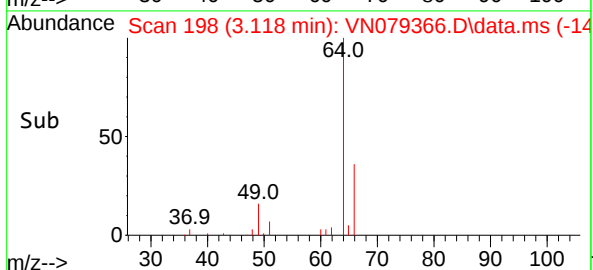
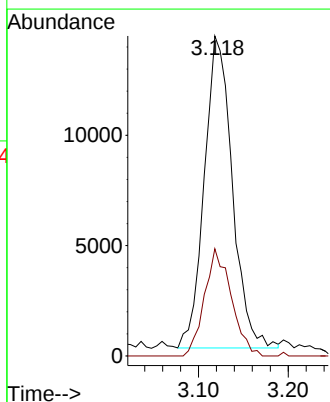
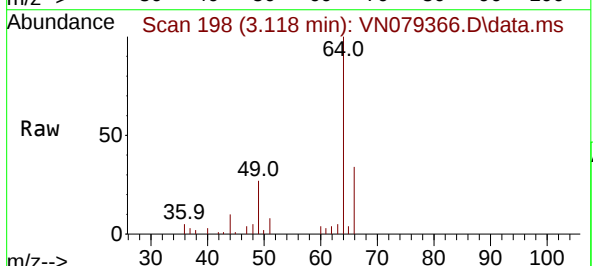
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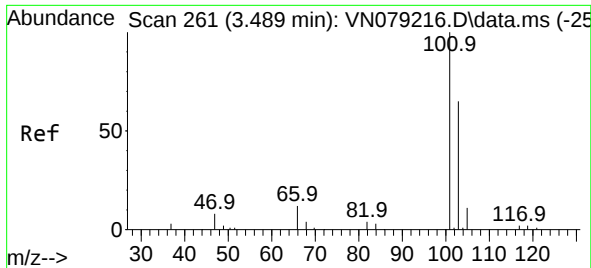
Reviewed By :John Carlone 09/29/2023
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#6
Chloroethane
Concen: 21.473 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 64 Resp: 30640
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2





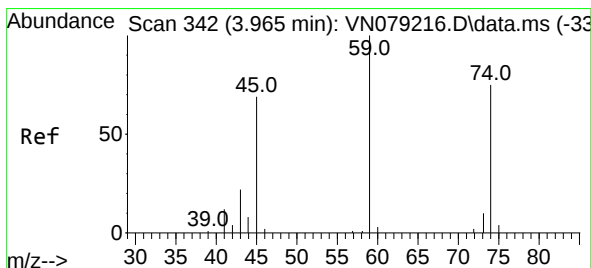
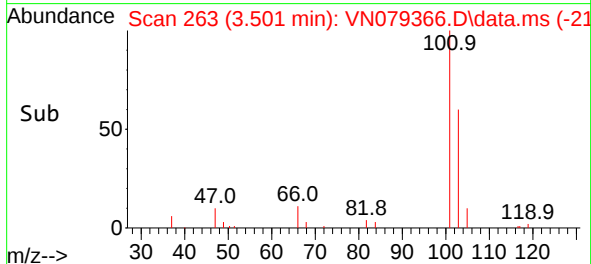
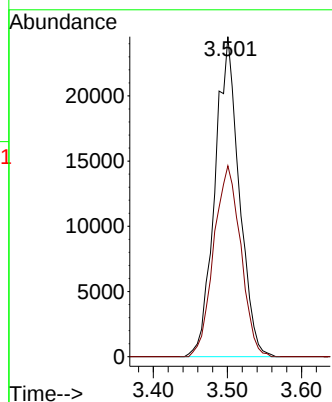
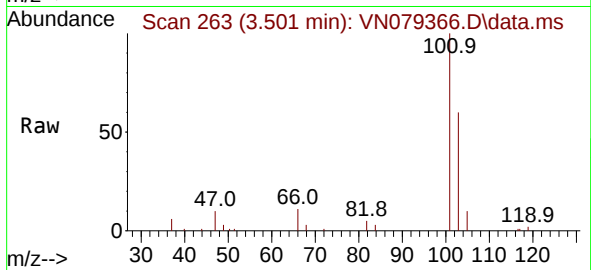
#7
Trichlorofluoromethane
Concen: 17.585 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 5599
Ion Ratio Lower Upper
101 100
103 59.7 50.7 76.1

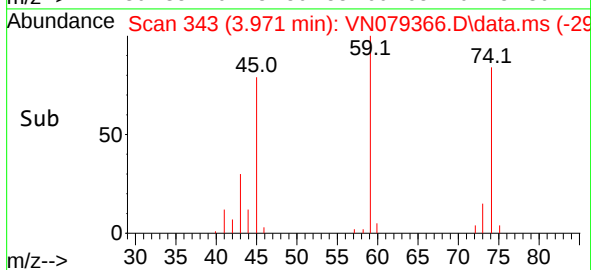
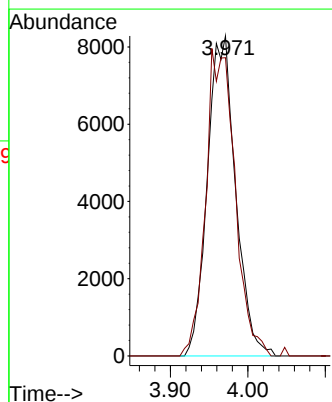
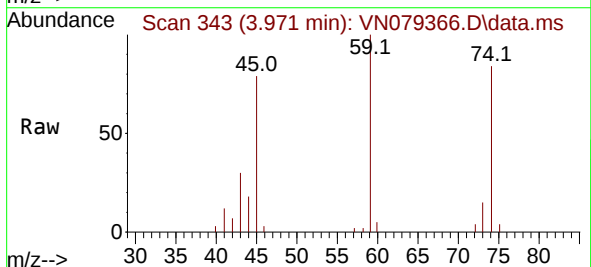
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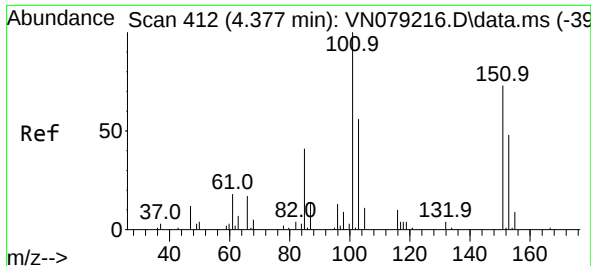
Reviewed By :John Carlone 09/29/2023
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#8
Diethyl Ether
Concen: 18.963 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 20959
Ion Ratio Lower Upper
74 100
45 99.0 34.4 103.3





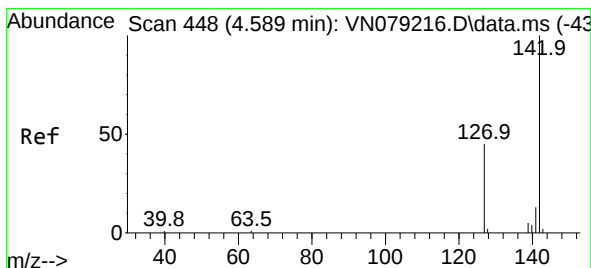
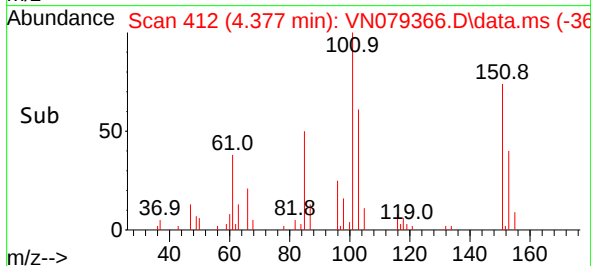
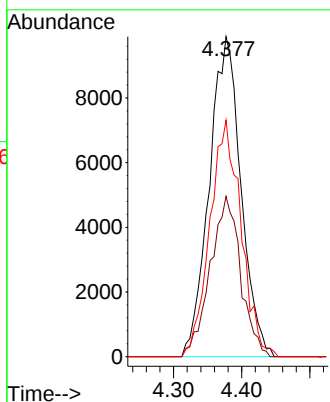
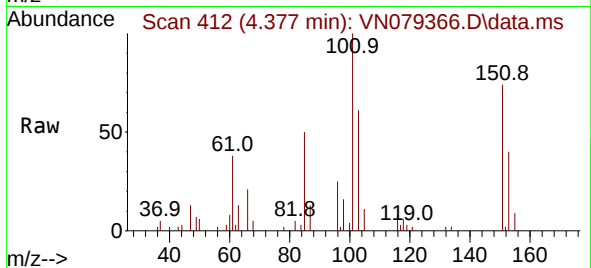
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.892 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion:101 Resp: 3199
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 72.5 57.6 86.4

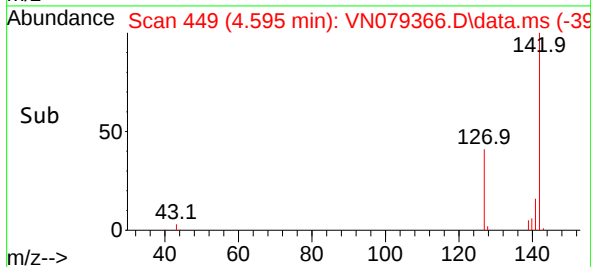
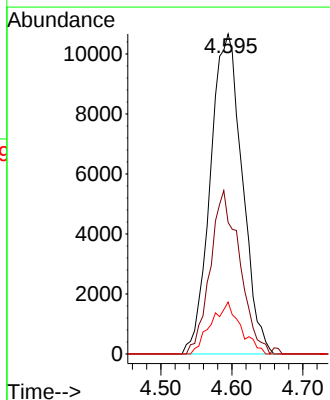
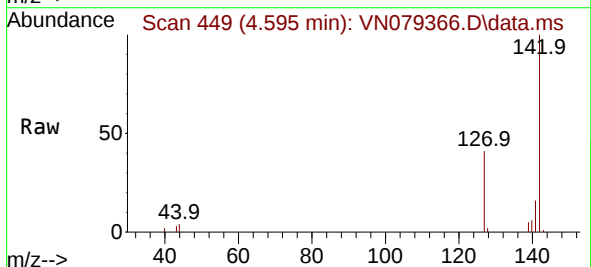
Manual Integrations
APPROVED

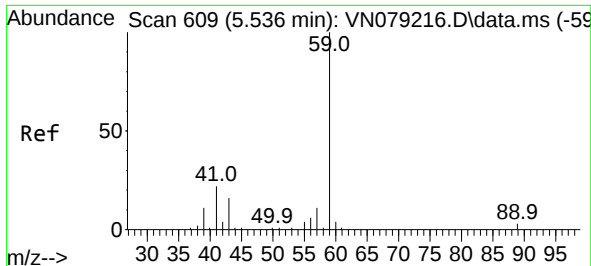
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#10
Methyl Iodide
Concen: 23.932 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion:142 Resp: 33152
Ion Ratio Lower Upper
142 100
127 41.1 37.6 56.4
141 16.2 11.4 17.0





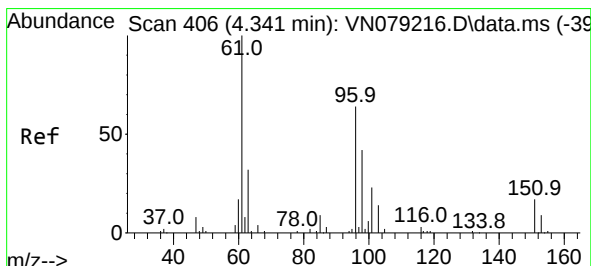
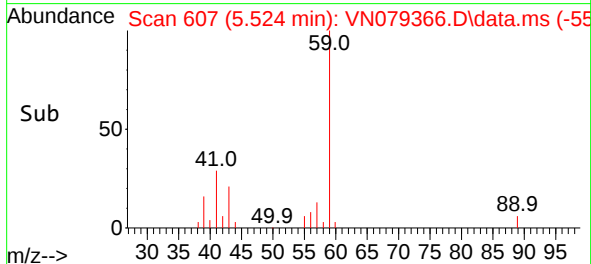
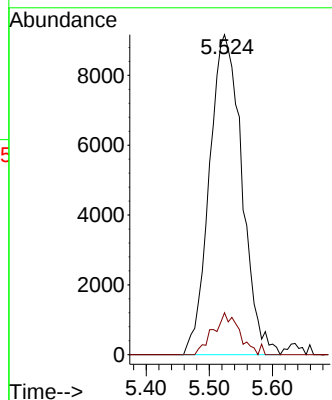
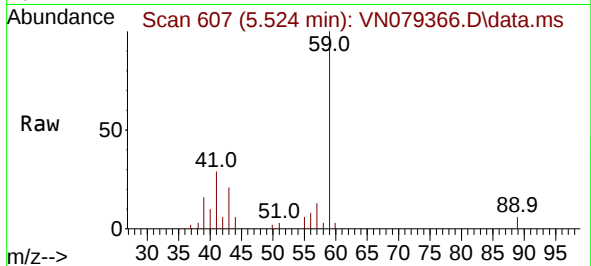
#11
Tert butyl alcohol
Concen: 85.767 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion: 59 Resp: 3284
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

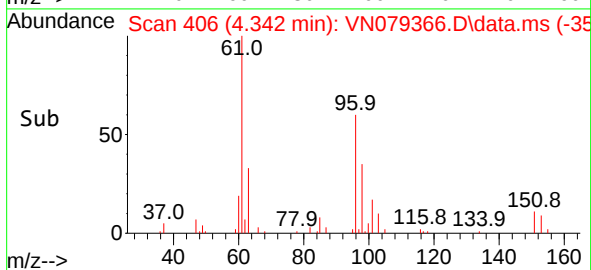
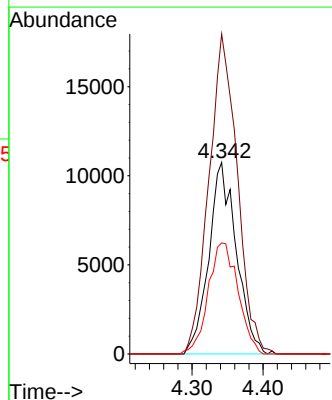
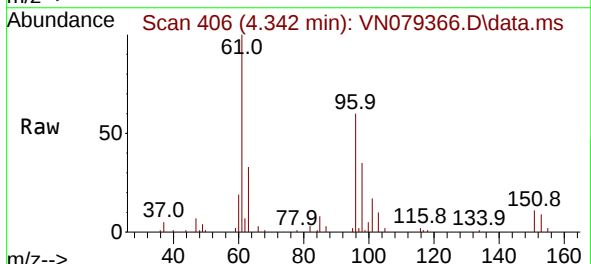
Manual Integrations
APPROVED

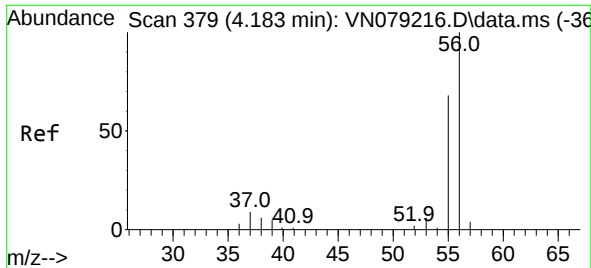
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#12
1,1-Dichloroethene
Concen: 17.660 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

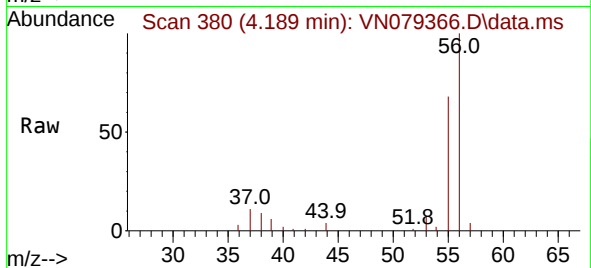
Tgt Ion: 96 Resp: 28940
Ion Ratio Lower Upper
96 100
61 167.1 112.7 169.1
98 58.0 51.2 76.8





#13
Acrolein
Concen: 121.762 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

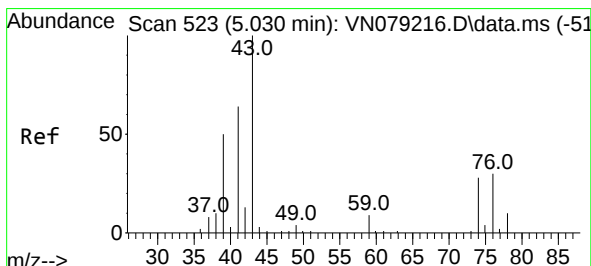
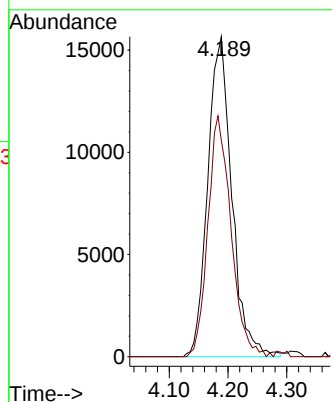
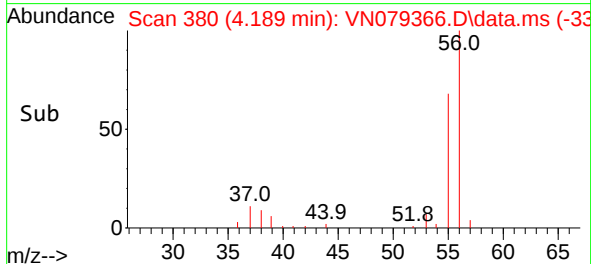
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



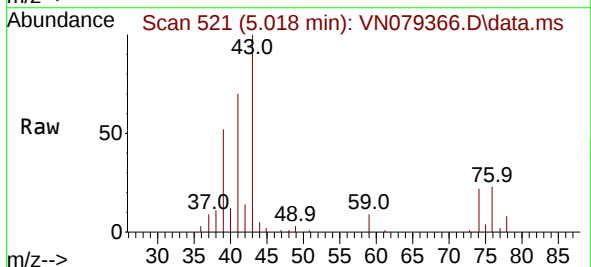
Tgt Ion: 56 Resp: 4447
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

Manual Integrations
APPROVED

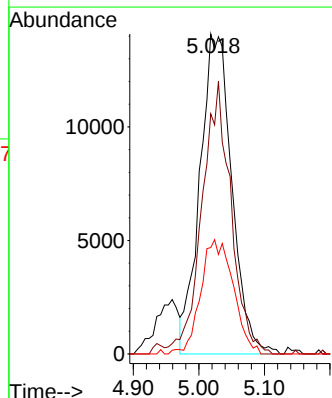
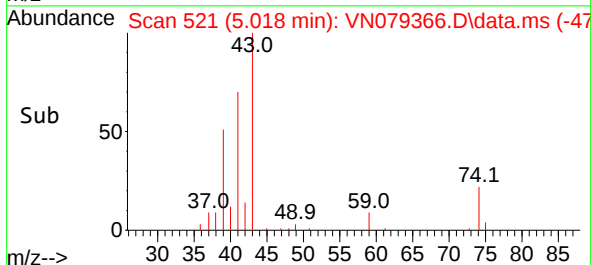
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

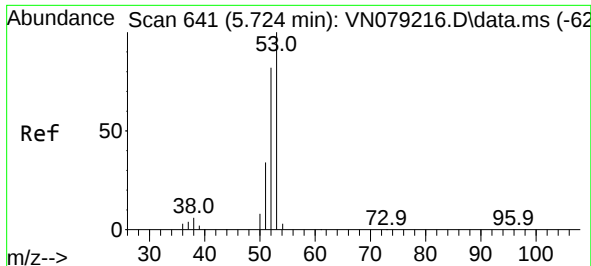


#14
Allyl chloride
Concen: 18.256 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



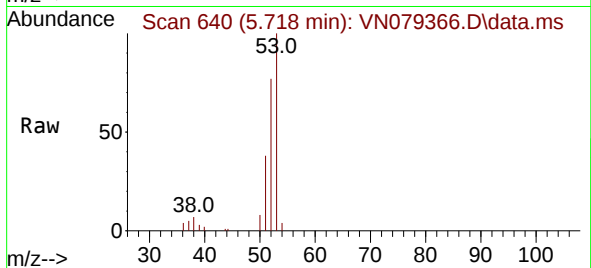
Tgt Ion: 41 Resp: 47724
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 36.4 39.1 58.7#





#15
Acrylonitrile
Concen: 100.394 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

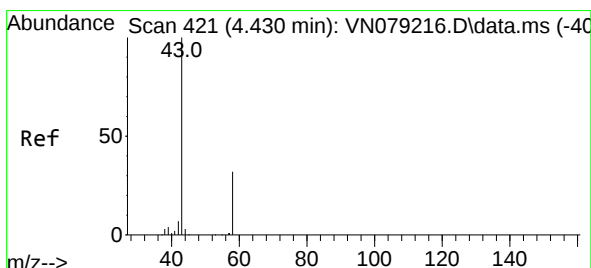
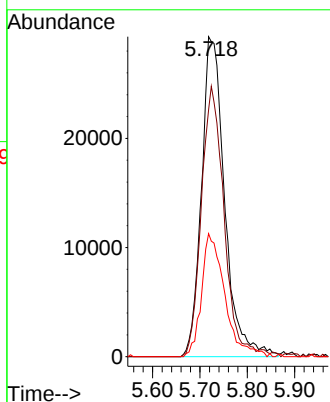
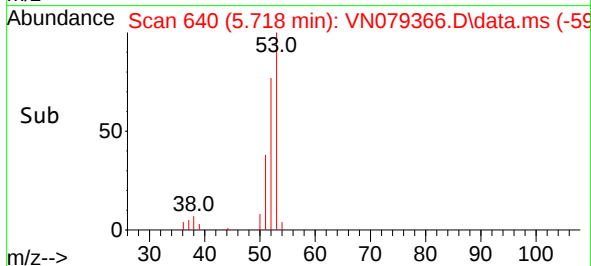
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 53 Resp: 9968
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 38.5 28.9 43.3

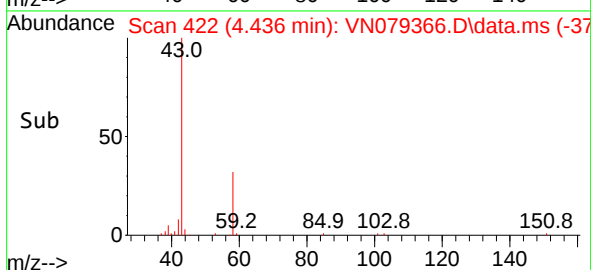
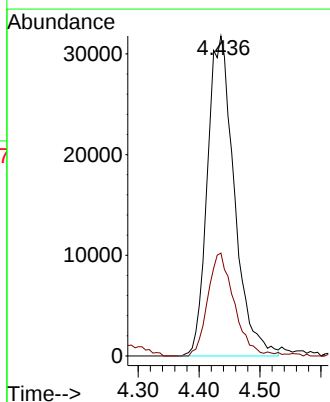
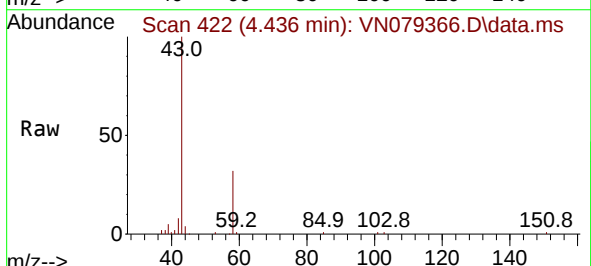
Manual Integrations
APPROVED

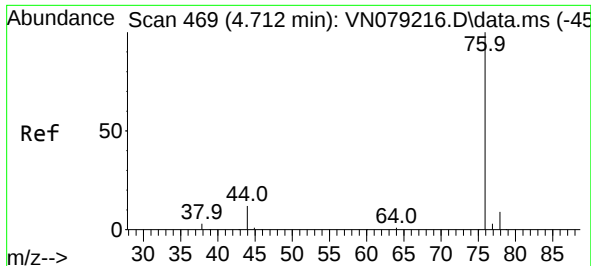
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#16
Acetone
Concen: 110.553 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

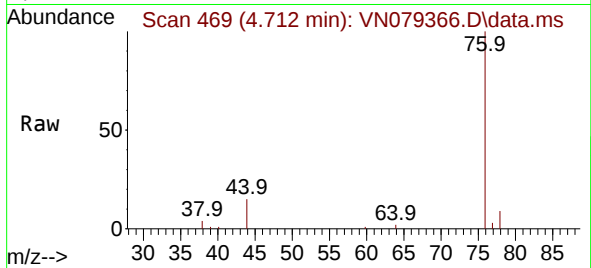
Tgt Ion: 43 Resp: 97387
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0





#17
Carbon Disulfide
Concen: 14.121 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

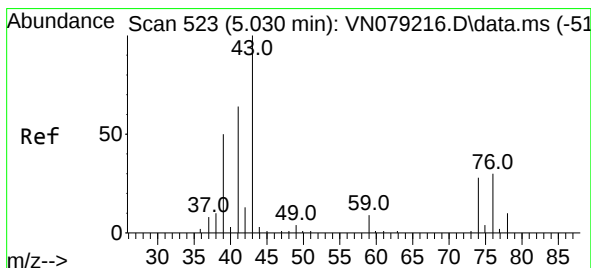
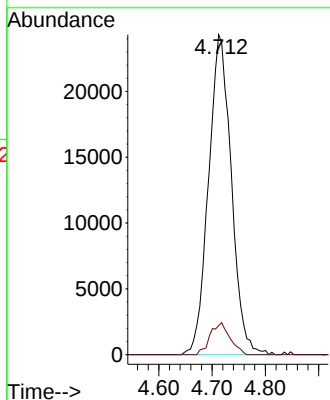
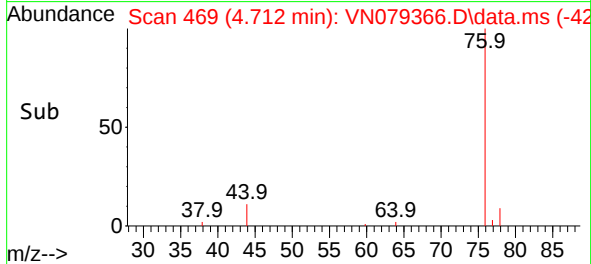
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 76 Resp: 72320
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

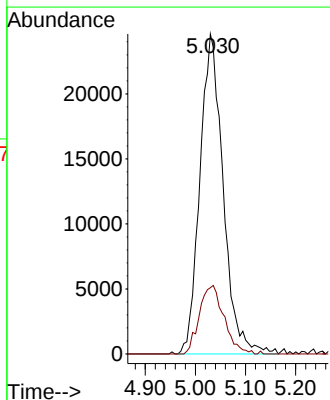
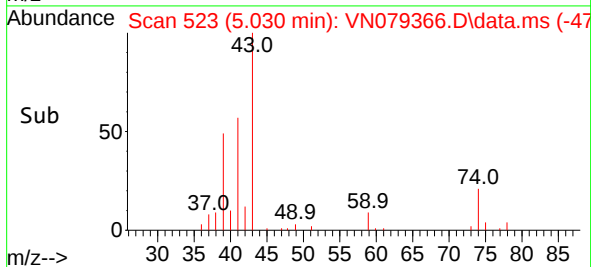
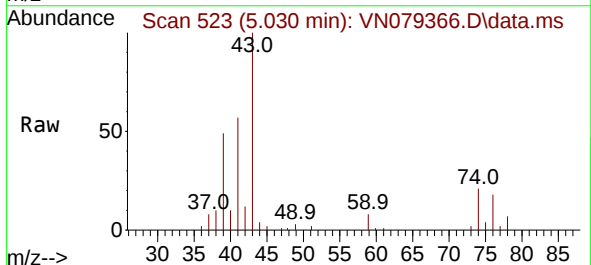
Manual Integrations
APPROVED

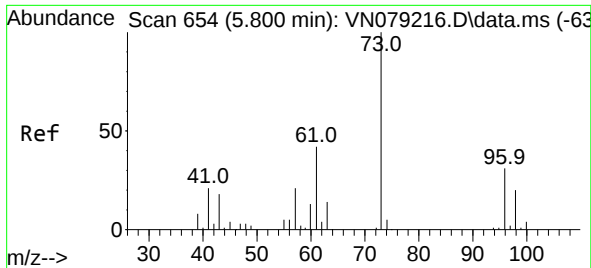
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#18
Methyl Acetate
Concen: 21.937 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 43 Resp: 79420
Ion Ratio Lower Upper
43 100
74 22.6 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 19.729 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

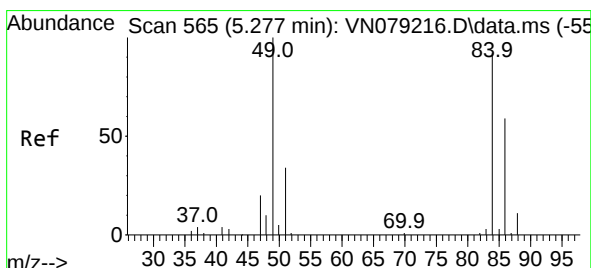
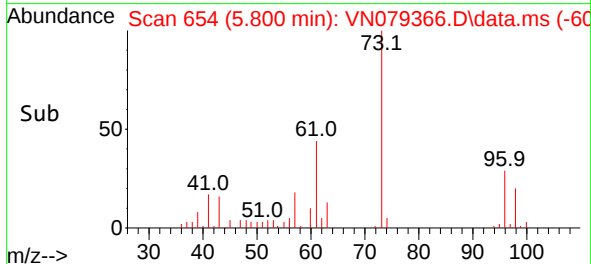
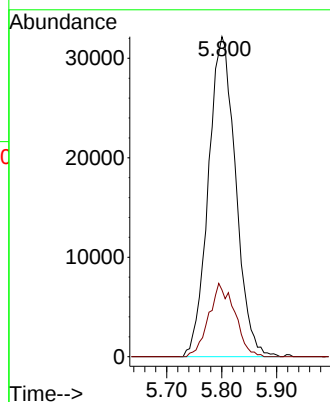
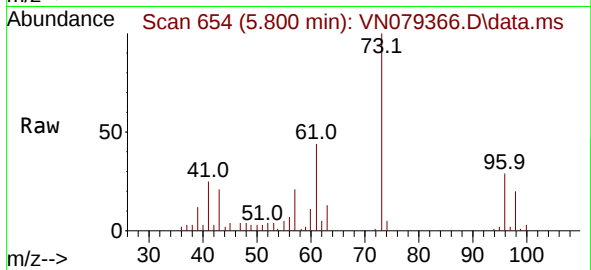
VN0928WBSD01

Tgt Ion: 73 Resp: 11088
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4

Manual Integrations

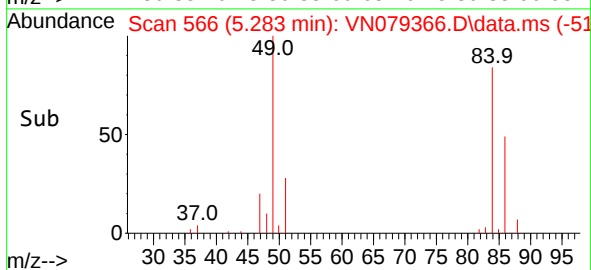
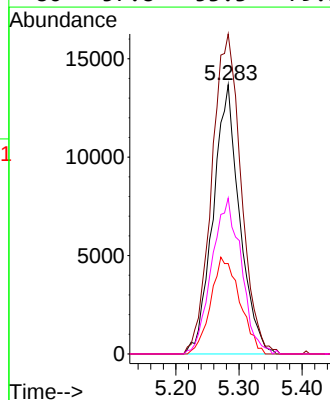
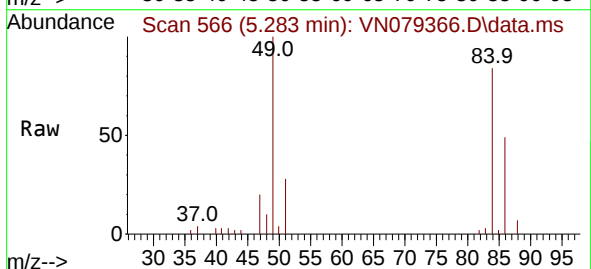
APPROVED

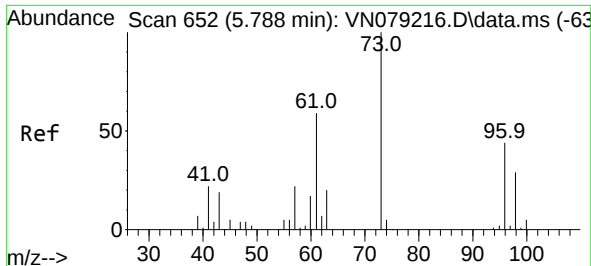
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#20
Methylene Chloride
Concen: 18.642 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 84 Resp: 39963
Ion Ratio Lower Upper
84 100
49 118.8 79.7 119.5
51 33.6 25.2 37.8
86 57.8 53.3 79.9





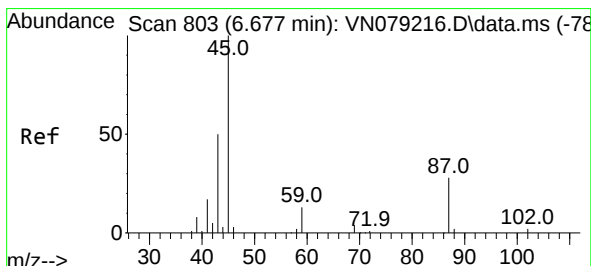
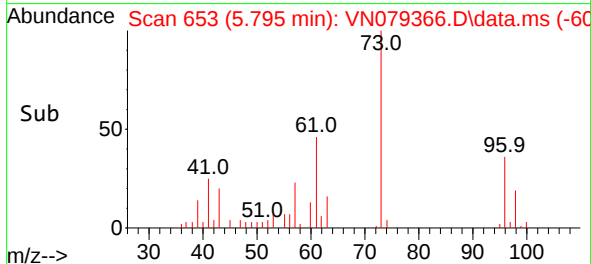
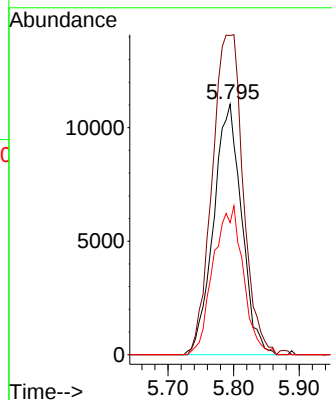
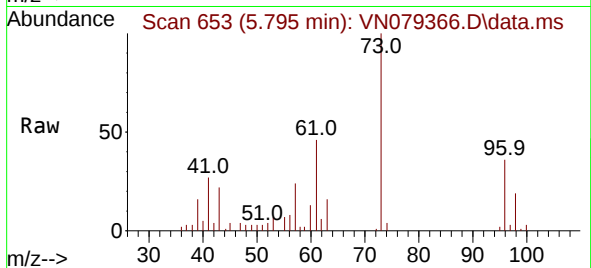
#21
trans-1,2-Dichloroethene
Concen: 17.287 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion: 96 Resp: 3286
Ion Ratio Lower Upper
96 100
61 127.5 90.1 135.1
98 52.7 46.4 69.6

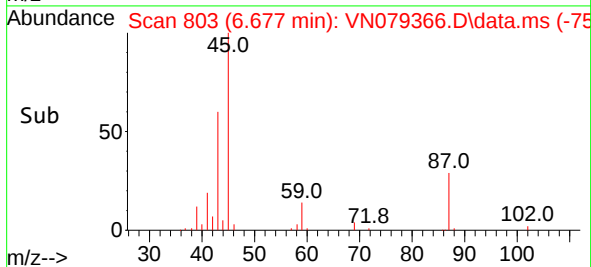
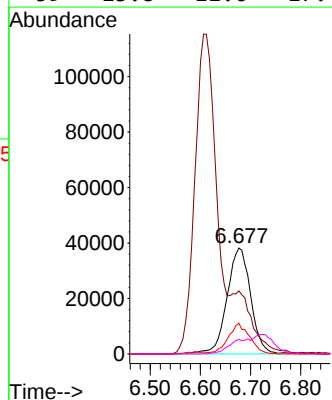
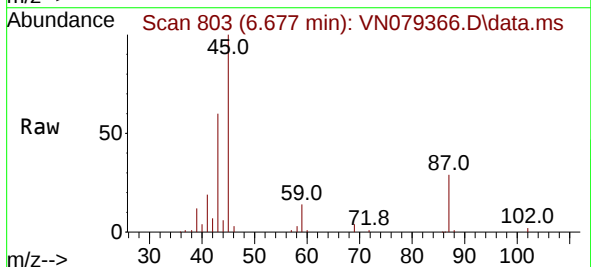
Manual Integrations
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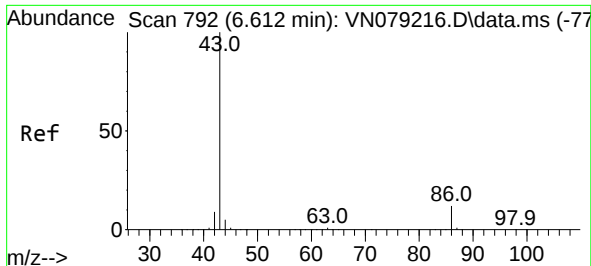
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#22
Diisopropyl ether
Concen: 21.785 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 45 Resp: 124954
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 29.0 31.8 47.8#
59 13.8 11.6 17.4





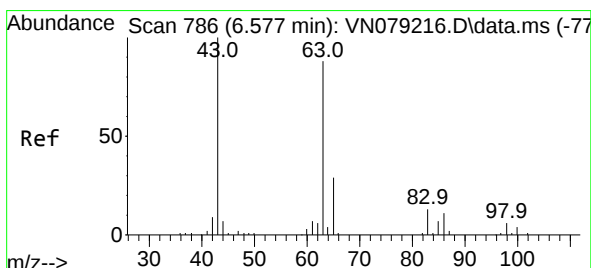
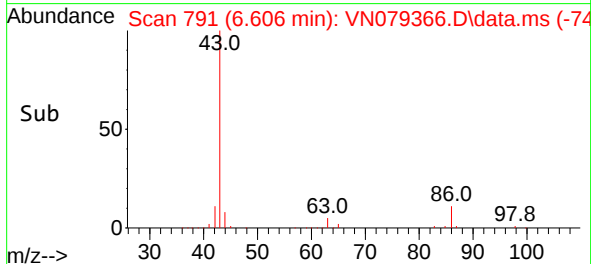
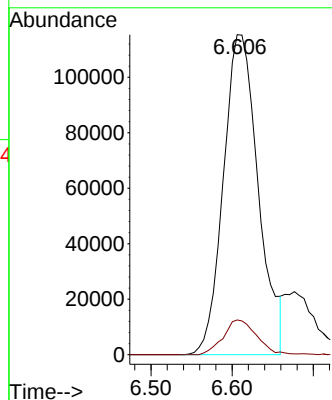
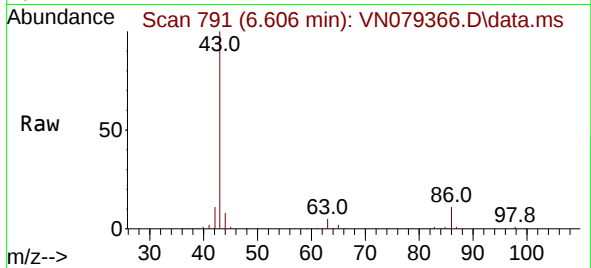
#23
 Vinyl Acetate
 Concen: 97.758 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Tgt Ion: 43 Resp: 34489
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

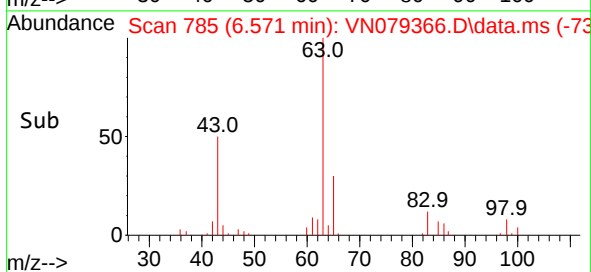
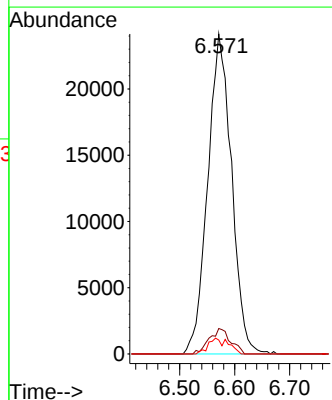
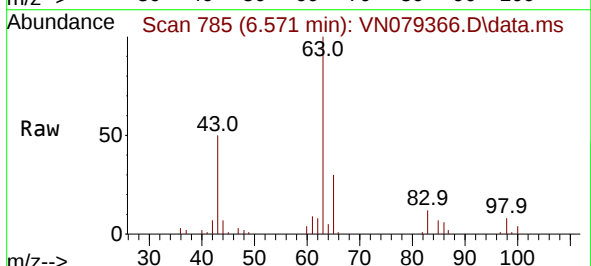
Manual Integrations
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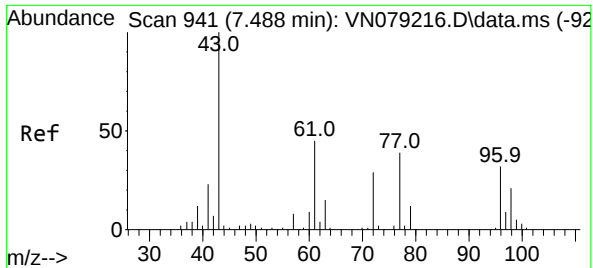
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#24
 1,1-Dichloroethane
 Concen: 20.562 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

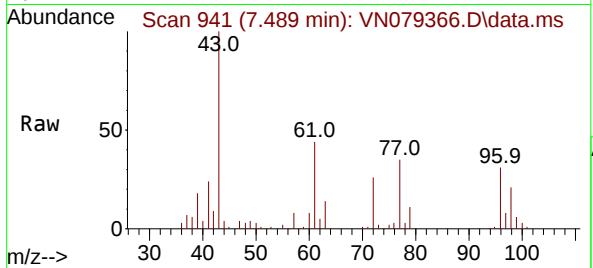
Tgt Ion: 63 Resp: 72705
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 105.506 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

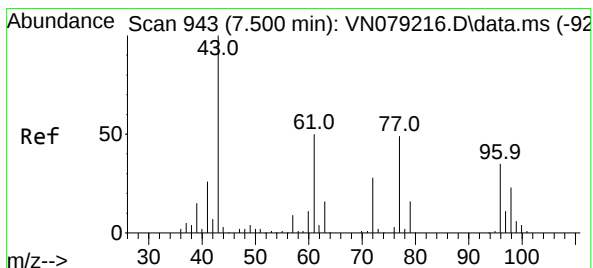
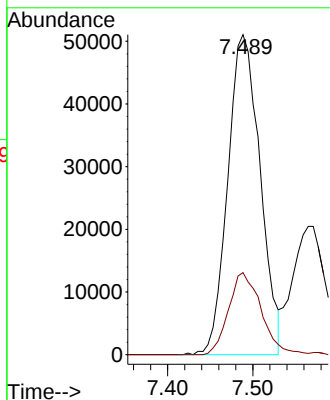
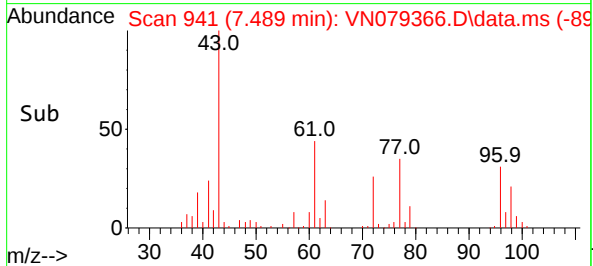
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 43 Resp: 134850
Ion Ratio Lower Upper
43 100
72 25.7 30.2 45.2

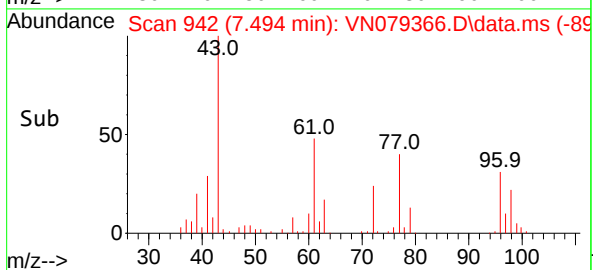
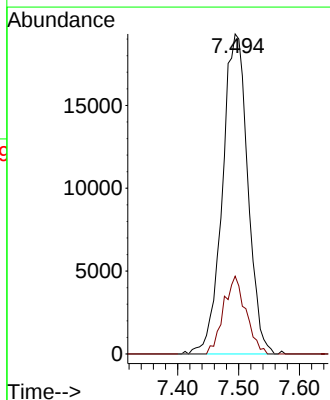
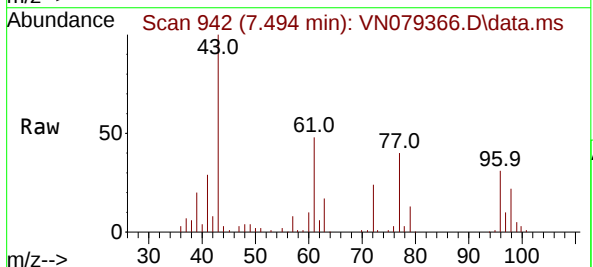
Manual Integrations
APPROVED

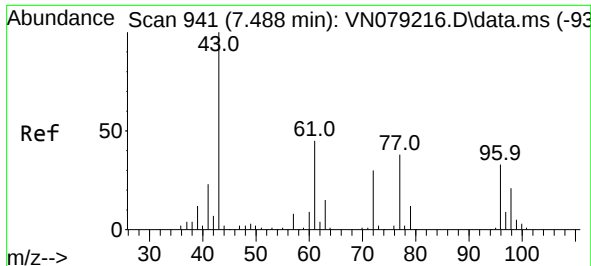
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#26
2,2-Dichloropropane
Concen: 19.269 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

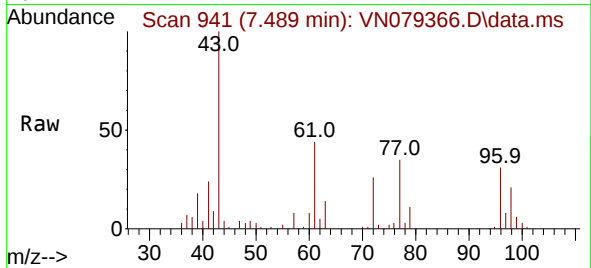
Tgt Ion: 77 Resp: 55913
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.249 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

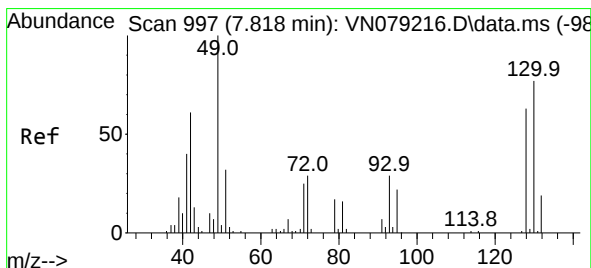
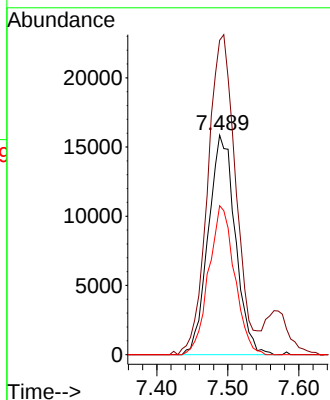
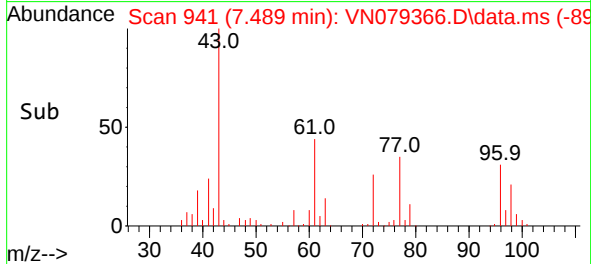
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01



Tgt Ion: 96 Resp: 4184
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 255.2
 98 65.0 0.0 128.8

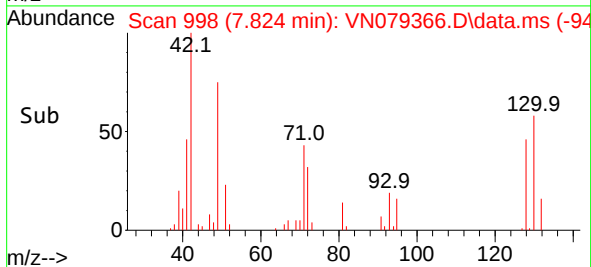
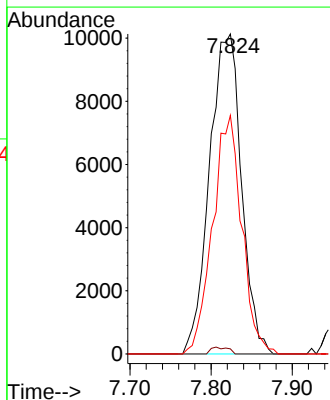
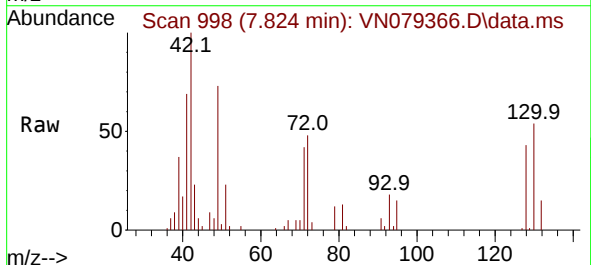
Manual Integrations
 APPROVED

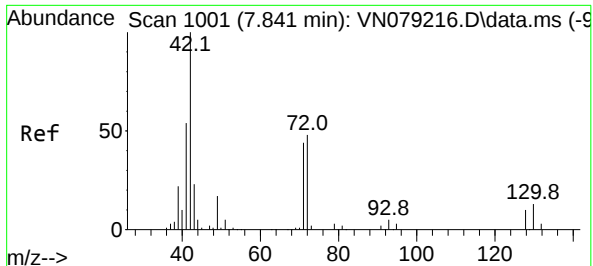
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#28
 Bromochloromethane
 Concen: 17.351 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

Tgt Ion: 49 Resp: 27739
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 67.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 102.268 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079366.D

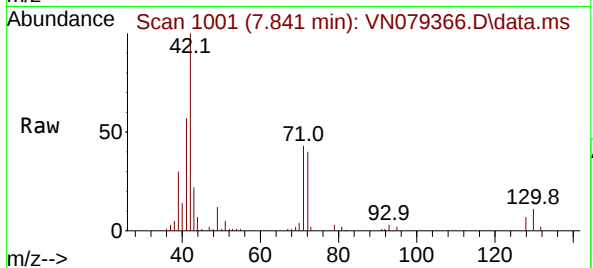
Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01



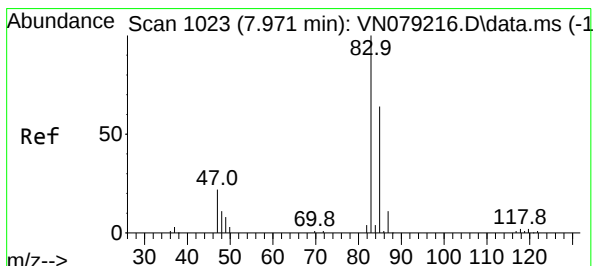
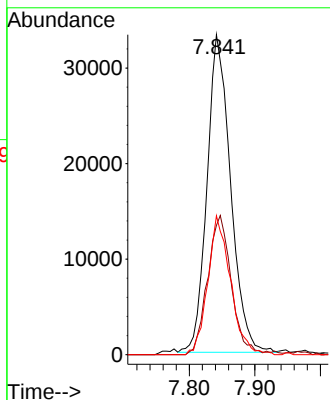
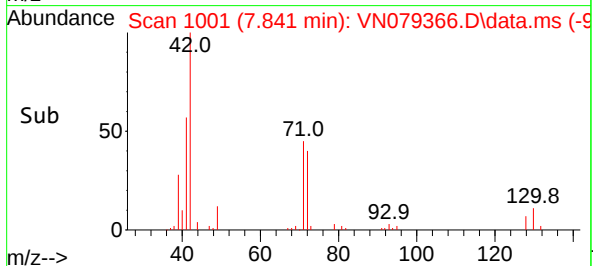
Tgt Ion:	42	Resp:	8318
Ion Ratio	Lower	Upper	
42	100		
72	43.7	49.8	74.6
71	42.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#30

Chloroform

Concen: 20.419 ug/l

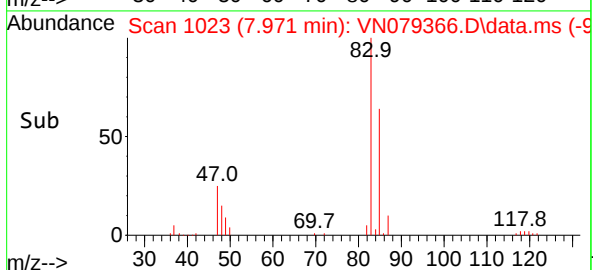
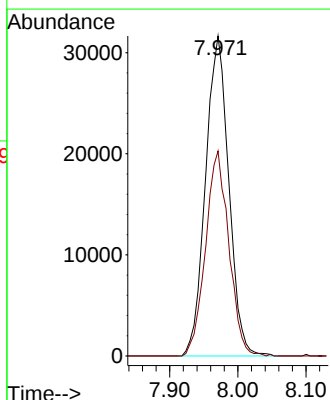
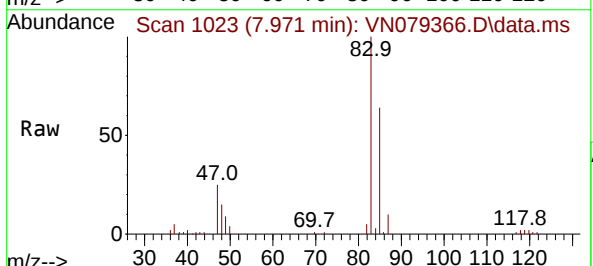
RT: 7.971 min Scan# 1023

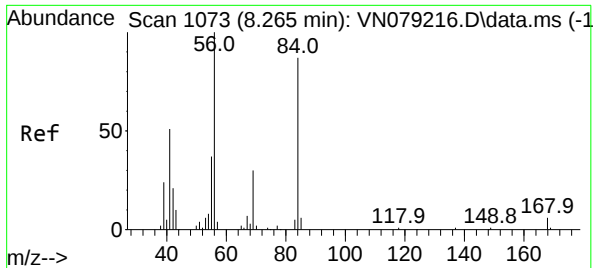
Delta R.T. -0.006 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

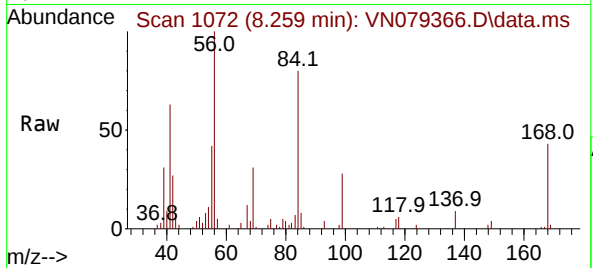
Tgt Ion:	83	Resp:	75171
Ion Ratio	Lower	Upper	
83	100		
85	64.0	55.4	83.0





#31
Cyclohexane
Concen: 17.942 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

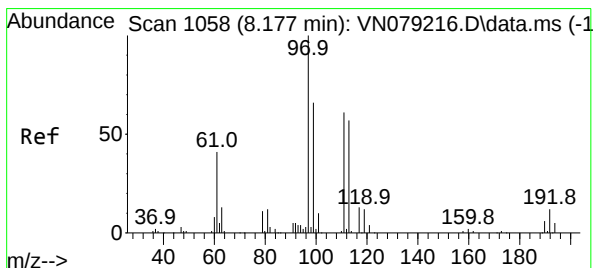
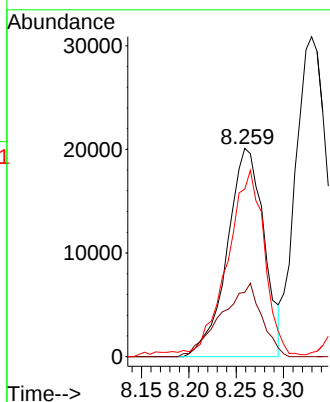
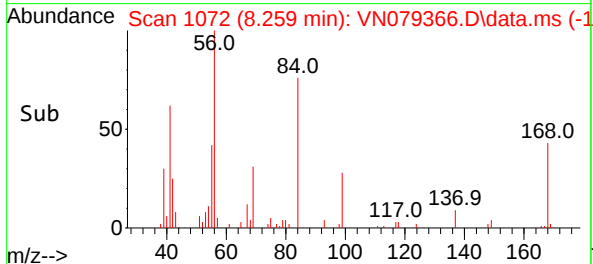
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



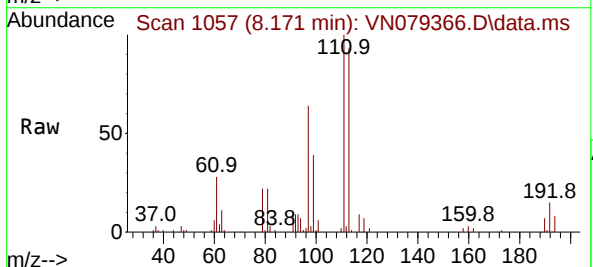
Tgt Ion: 56 Resp: 5433
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 78.3 81.8 122.6

Manual Integrations
APPROVED

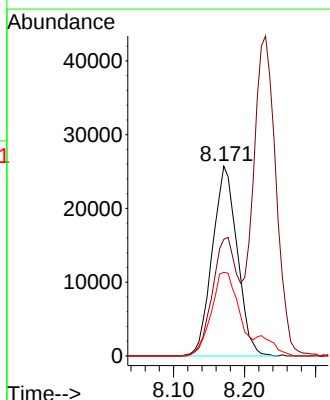
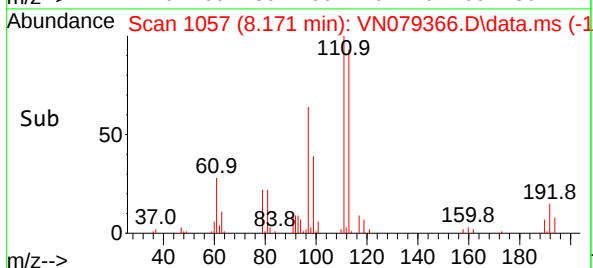
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

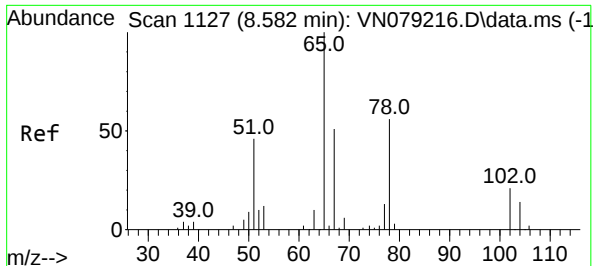


#32
1,1,1-Trichloroethane
Concen: 19.945 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



Tgt Ion: 97 Resp: 62590
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 48.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.922 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

Tgt Ion: 65 Resp: 11806

Ion Ratio Lower Upper

65 100

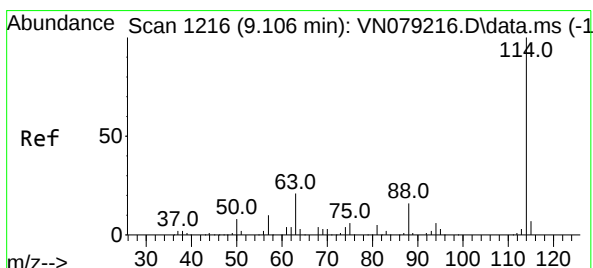
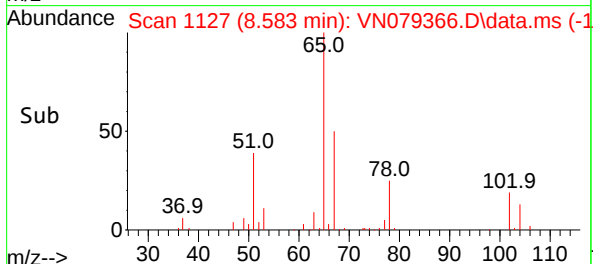
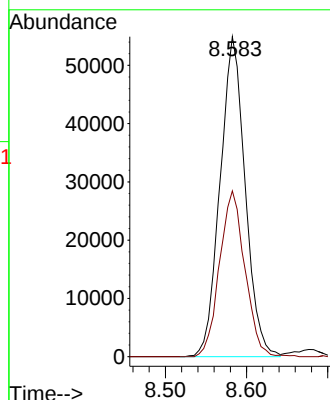
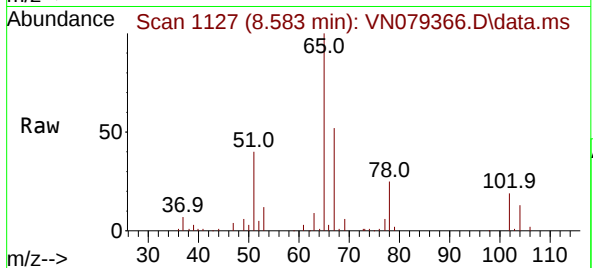
67 52.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

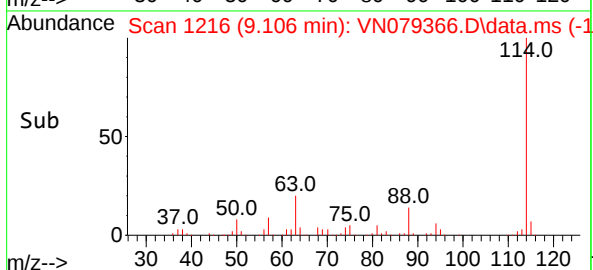
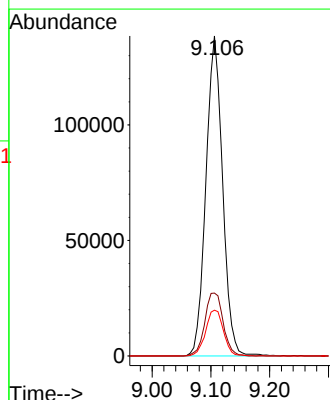
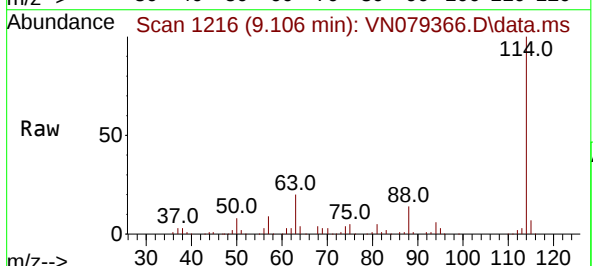
Tgt Ion:114 Resp: 273529

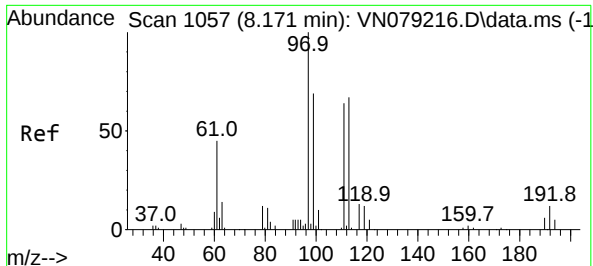
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.346 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

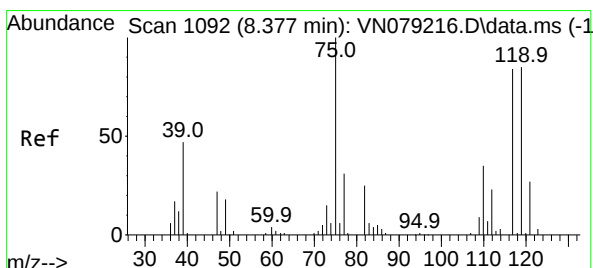
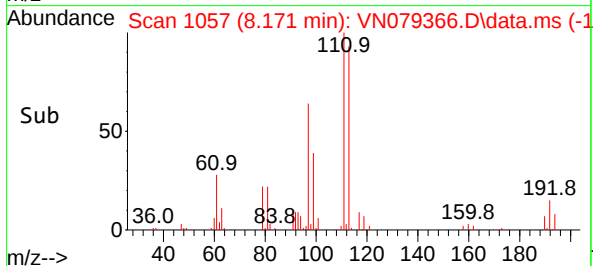
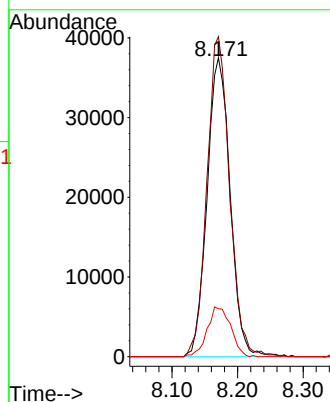
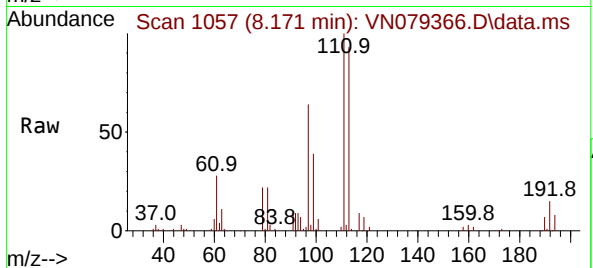
Tgt Ion:	113	Resp:	91602
Ion Ratio	Lower	Upper	
113	100		
111	105.1	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#36

1,1-Dichloropropene

Concen: 17.941 ug/l

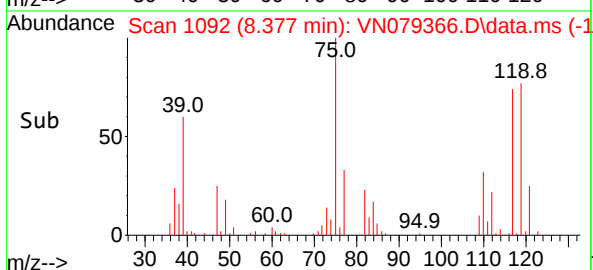
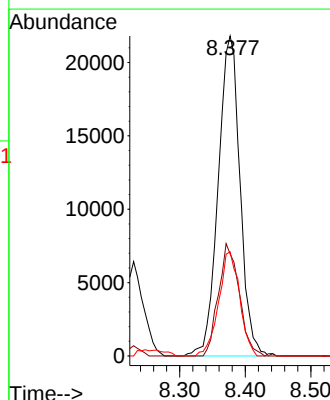
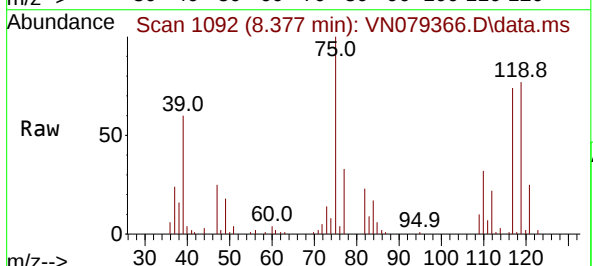
RT: 8.377 min Scan# 1092

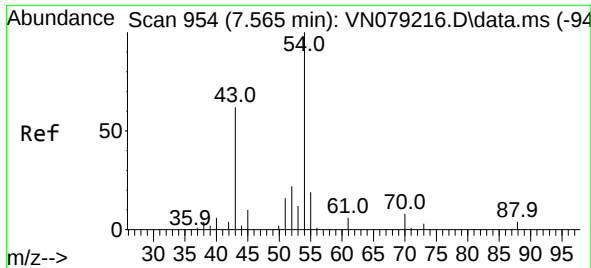
Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

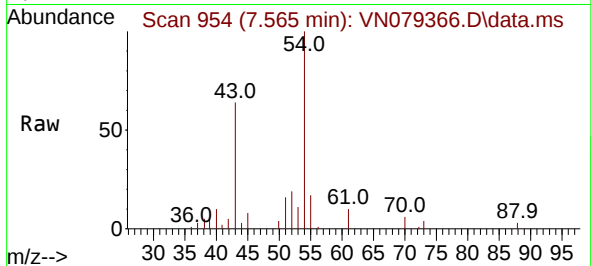
Tgt Ion:	75	Resp:	50314
Ion Ratio	Lower	Upper	
75	100		
110	33.3	19.1	57.3
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 18.215 ug/l
RT: 7.565 min Scan# 909
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

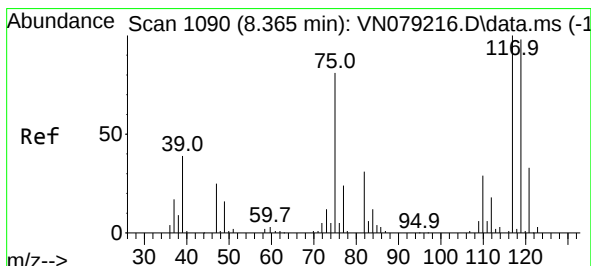
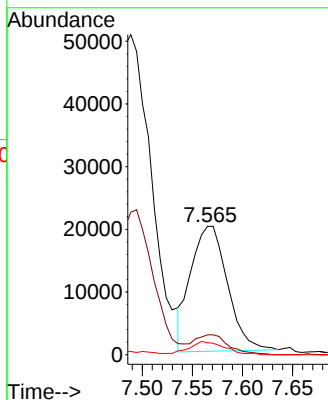
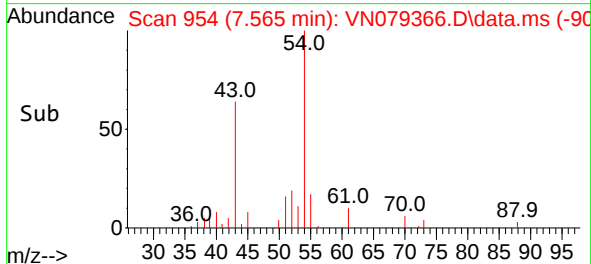
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 43 Resp: 5095
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 10.3 11.3 16.9

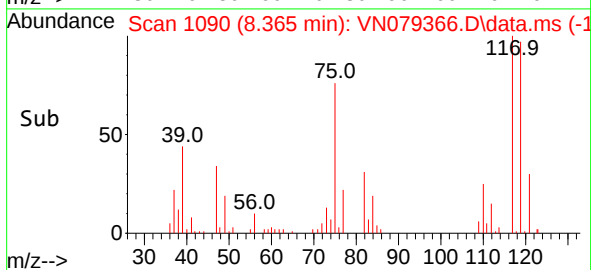
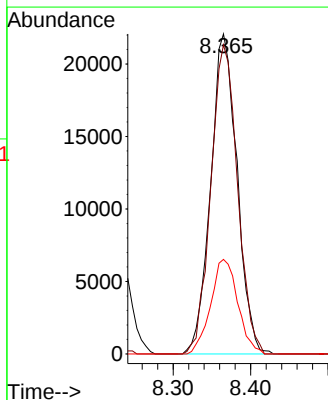
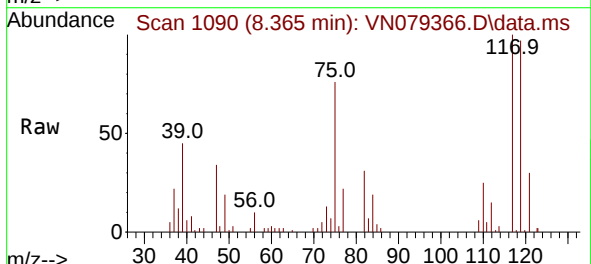
Manual Integrations
APPROVED

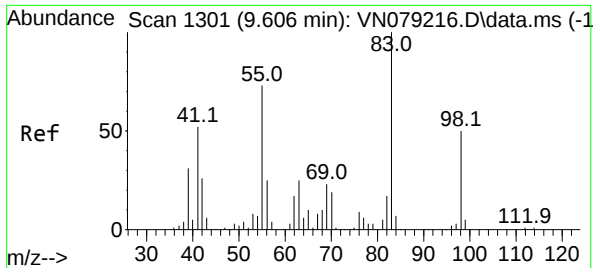
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#38
Carbon Tetrachloride
Concen: 18.003 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

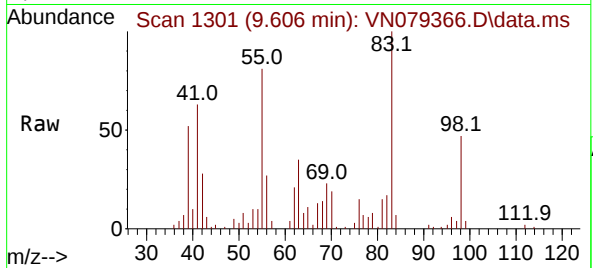
Tgt Ion:117 Resp: 52248
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 29.5 23.3 34.9





#39
Methylcyclohexane
Concen: 16.546 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

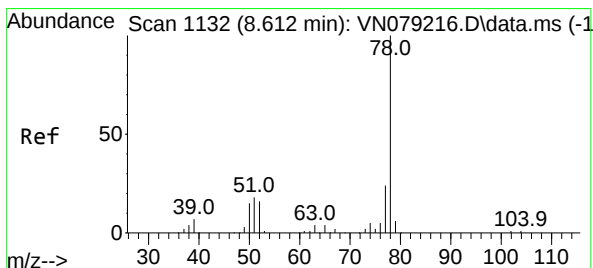
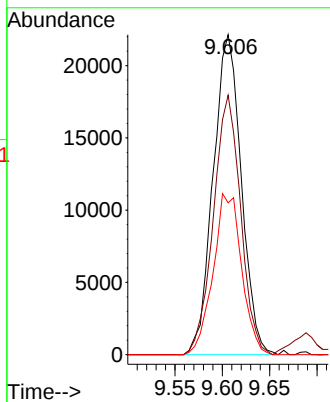
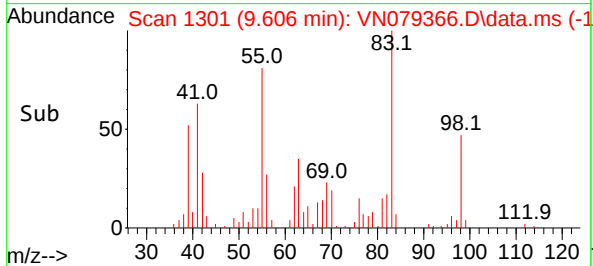
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 83 Resp: 45772
Ion Ratio Lower Upper
83 100
55 81.1 49.1 73.7
98 47.4 40.6 61.0

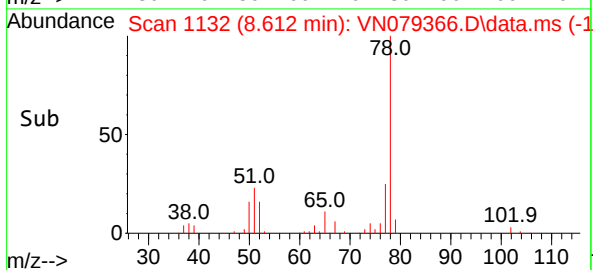
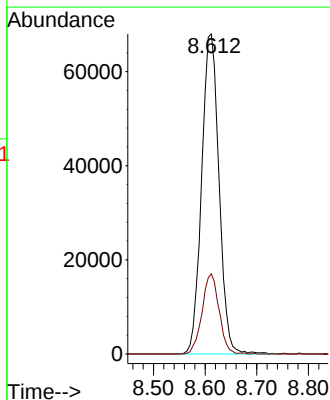
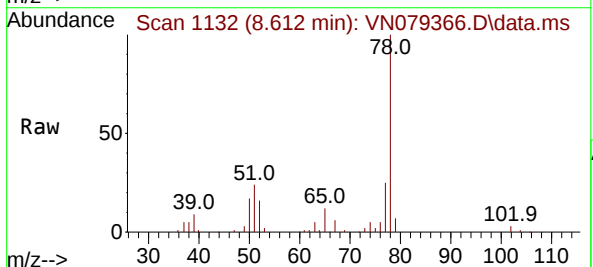
Manual Integrations
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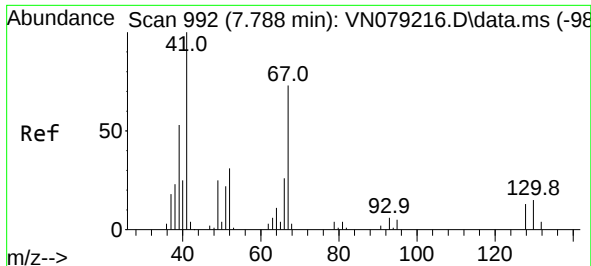
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#40
Benzene
Concen: 18.493 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

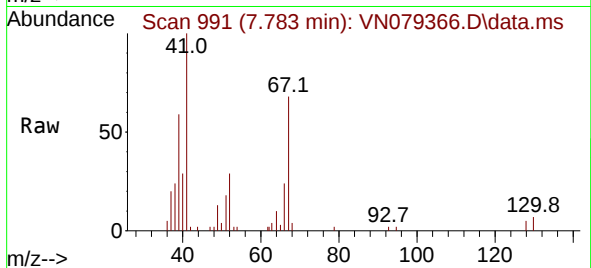
Tgt Ion: 78 Resp: 158768
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 20.398 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

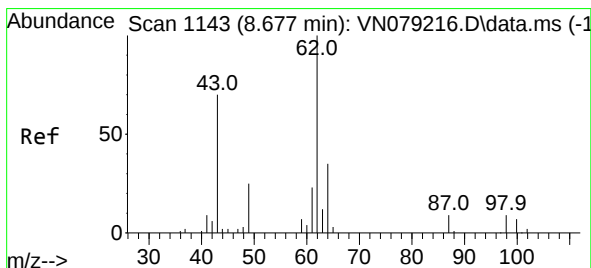
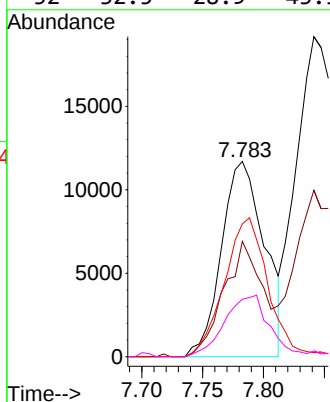
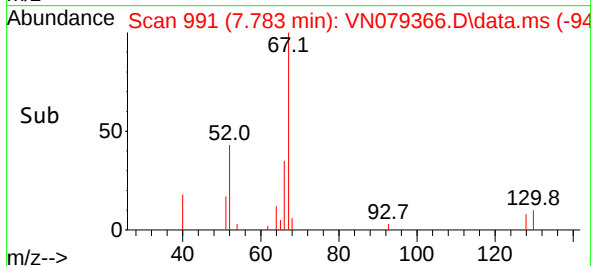
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 41 Resp: 28769
Ion Ratio Lower Upper
41 100
39 51.6 42.6 64.0
67 73.0 77.5 116.3
52 32.5 28.9 43.3

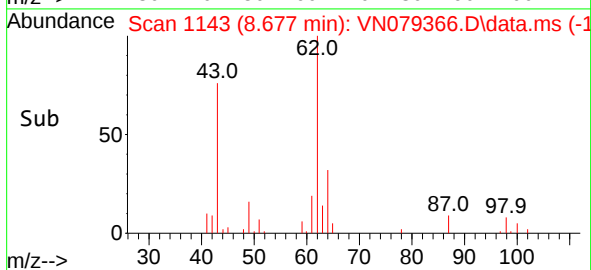
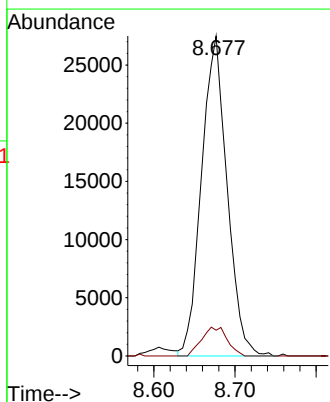
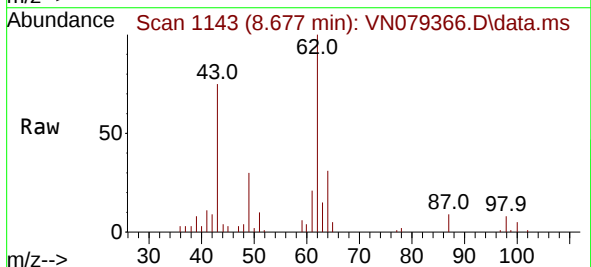
Manual Integrations
APPROVED

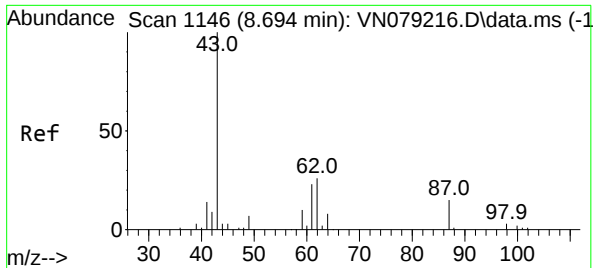
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#42
1,2-Dichloroethane
Concen: 20.360 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 62 Resp: 60174
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





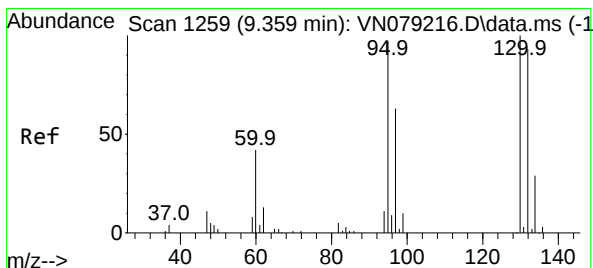
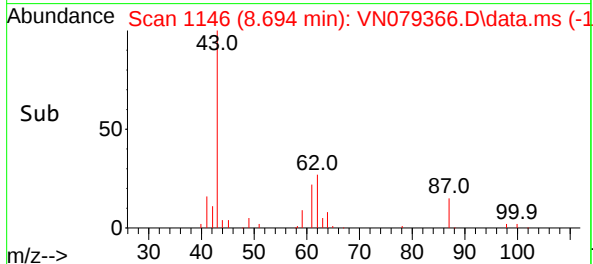
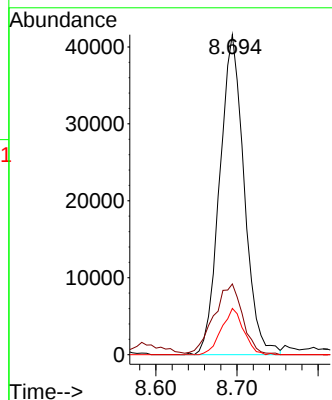
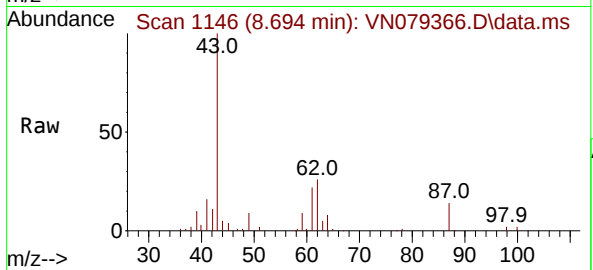
#43
Isopropyl Acetate
Concen: 19.064 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion: 43 Resp: 8701
Ion Ratio Lower Upper
43 100
61 26.0 24.7 37.1
87 13.1 14.6 21.8

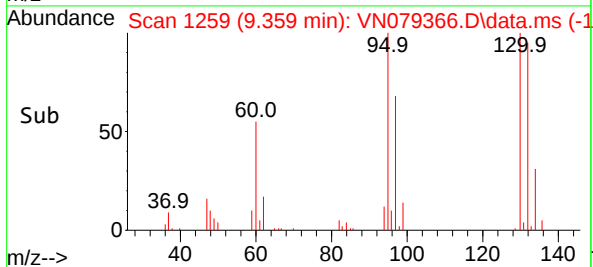
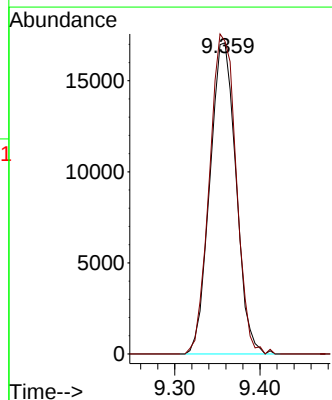
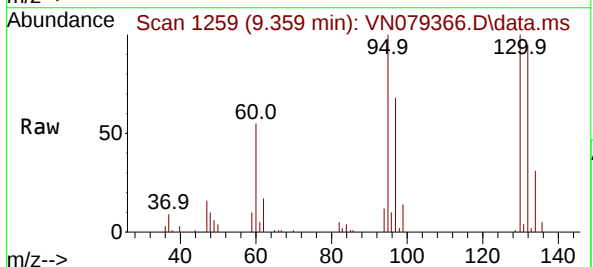
Manual Integrations
APPROVED

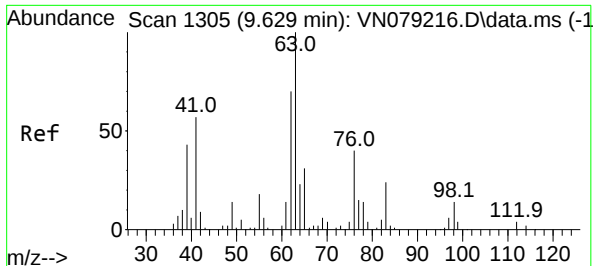
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#44
Trichloroethene
Concen: 17.204 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion:130 Resp: 36384
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.182 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

Tgt Ion: 63 Resp: 43000

Ion Ratio Lower Upper

63 100

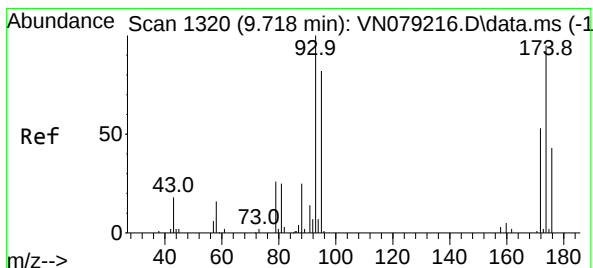
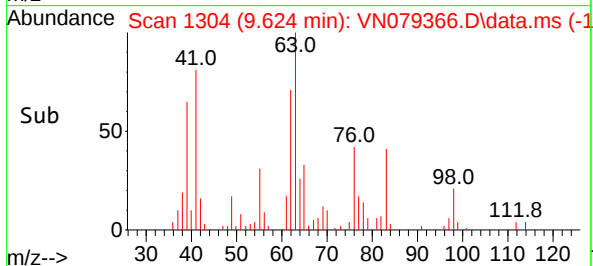
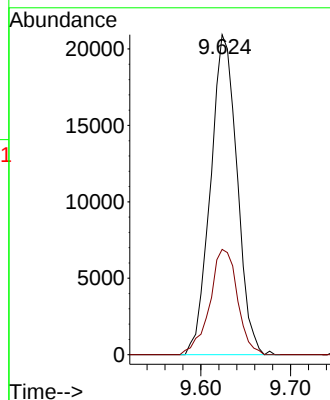
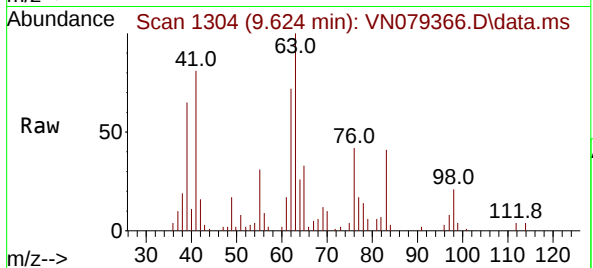
65 32.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#46

Dibromomethane

Concen: 20.458 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

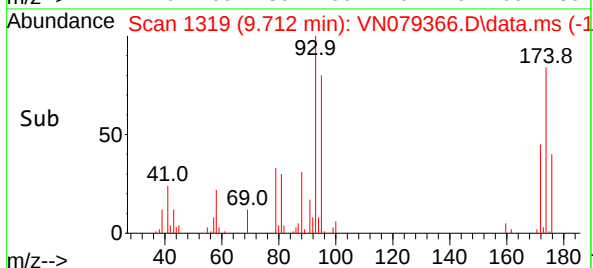
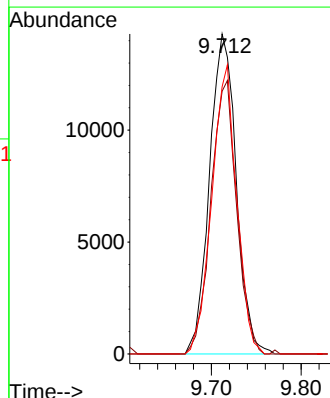
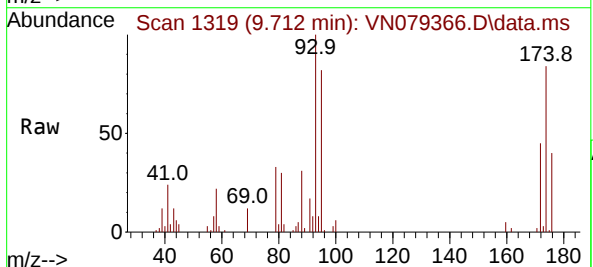
Tgt Ion: 93 Resp: 29591

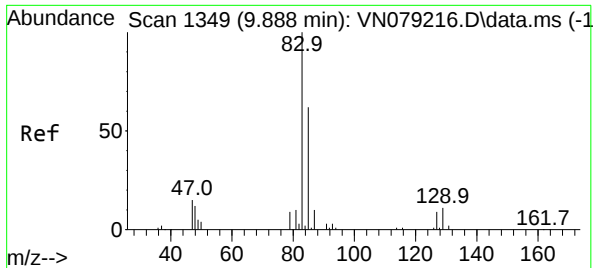
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 84.0 65.6 98.4





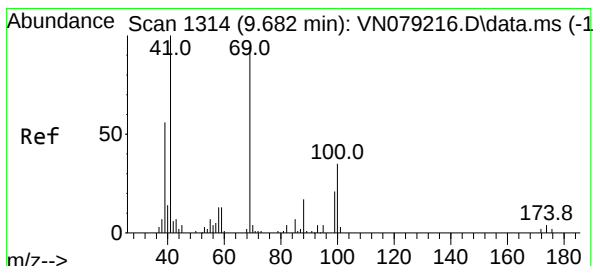
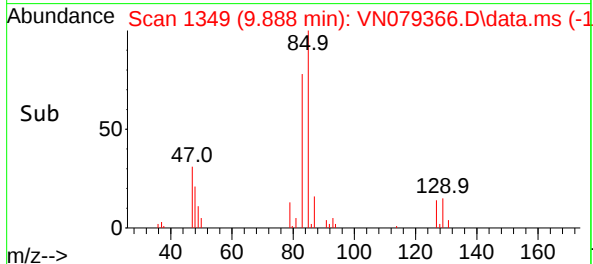
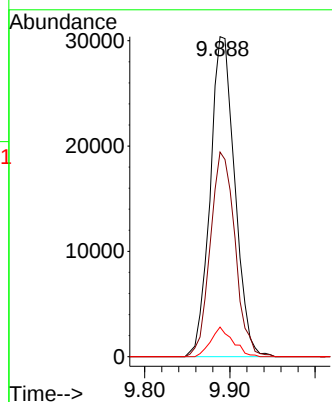
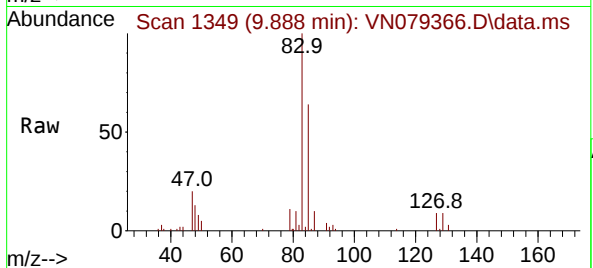
#47
Bromodichloromethane
Concen: 20.555 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion: 83 Resp: 60894
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 9.3 7.0 10.6

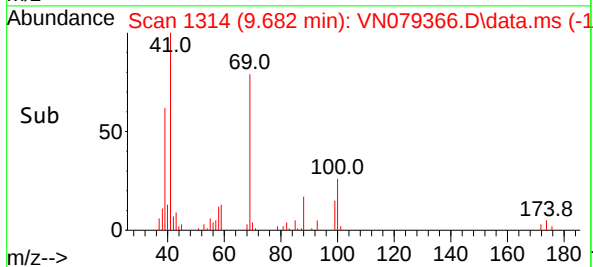
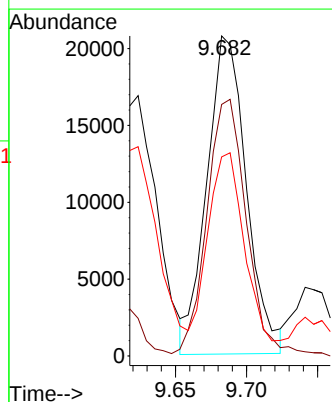
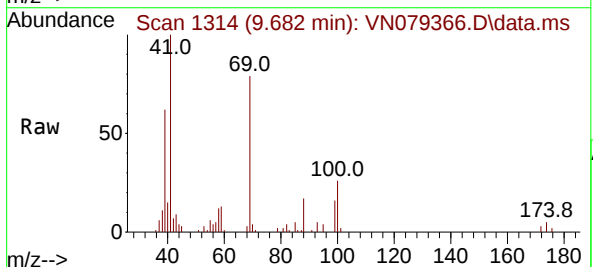
Manual Integrations
APPROVED

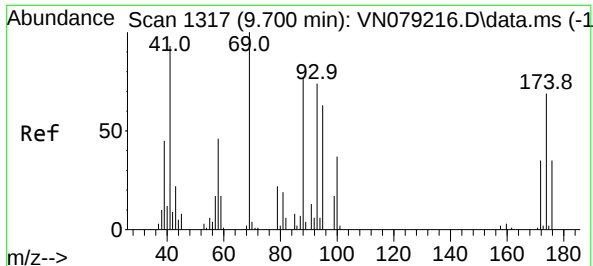
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#48
Methyl methacrylate
Concen: 19.588 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion: 41 Resp: 40047
Ion Ratio Lower Upper
41 100
69 81.3 90.4 135.6#
39 61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 370.845 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

Tgt Ion: 88 Resp: 15594

Ion Ratio Lower Upper

88 100

43 35.5 17.0 25.6

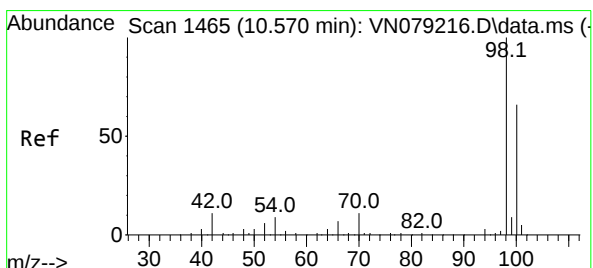
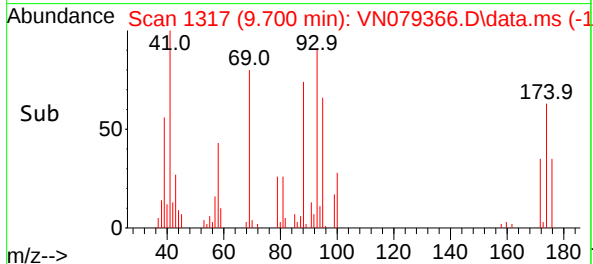
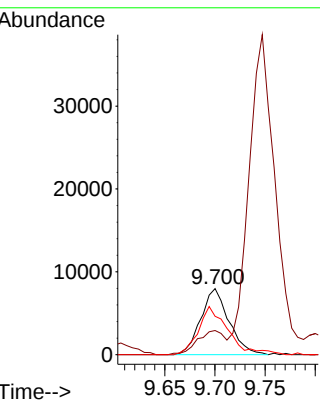
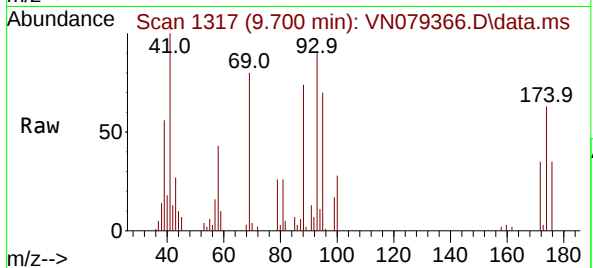
58 77.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#50

Toluene-d8

Concen: 49.645 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079366.D

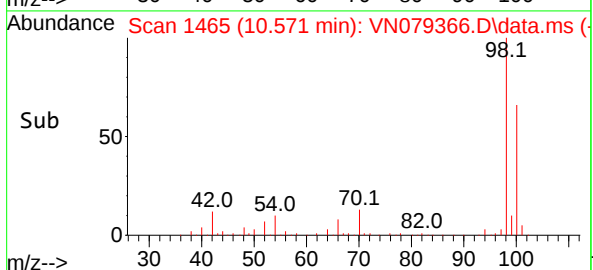
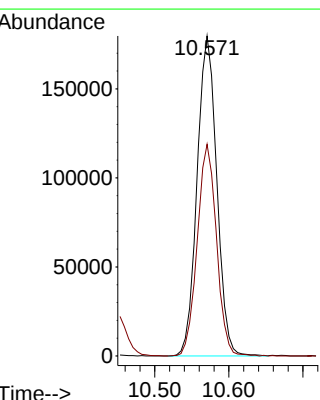
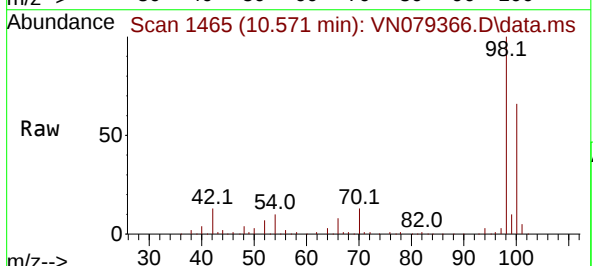
Acq: 28 Sep 2023 12:04

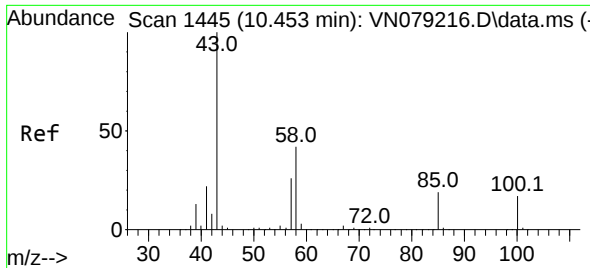
Tgt Ion: 98 Resp: 331666

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





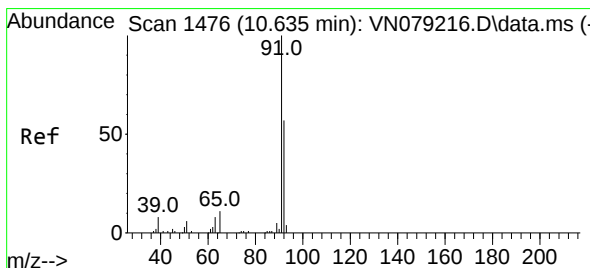
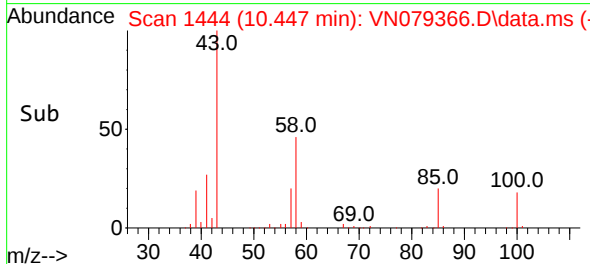
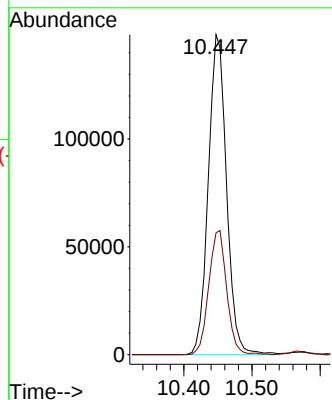
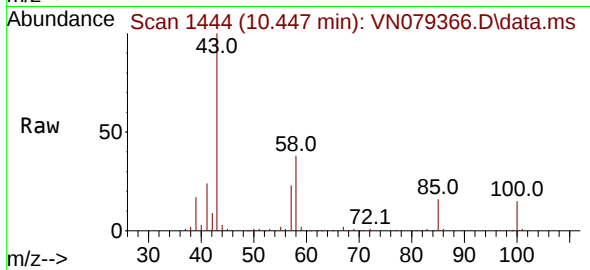
#51
4-Methyl-2-Pentanone
Concen: 104.254 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion: 43 Resp: 27622
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

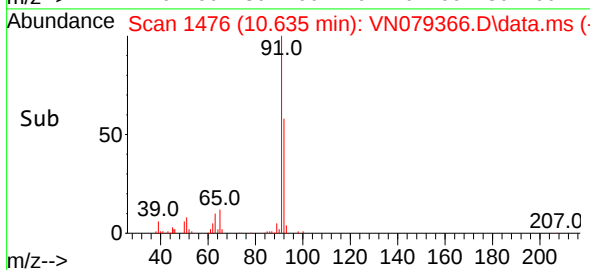
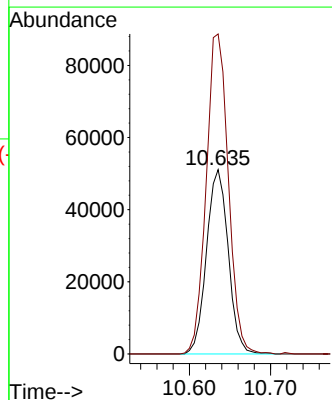
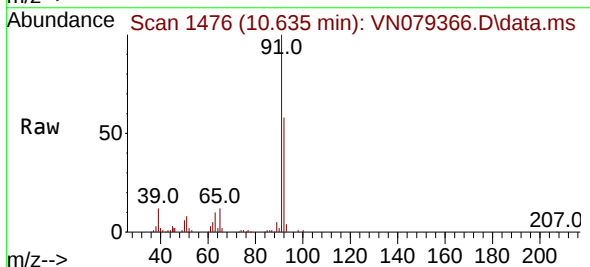
Manual Integrations
APPROVED

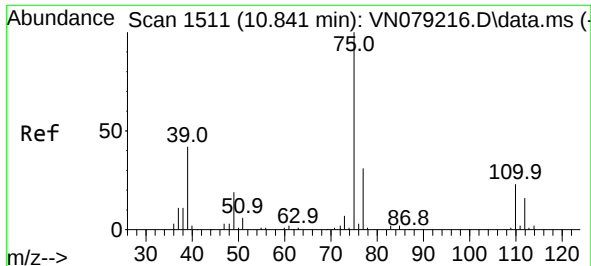
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#52
Toluene
Concen: 17.980 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

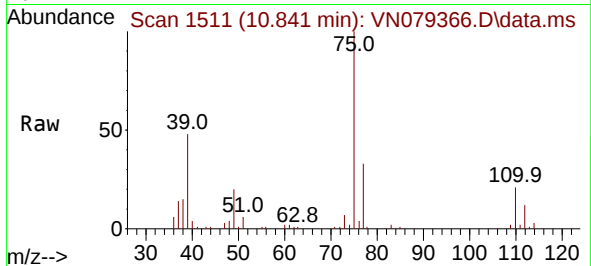
Tgt Ion: 92 Resp: 94864
Ion Ratio Lower Upper
92 100
91 177.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 18.785 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

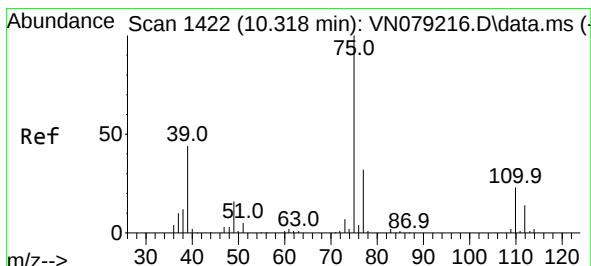
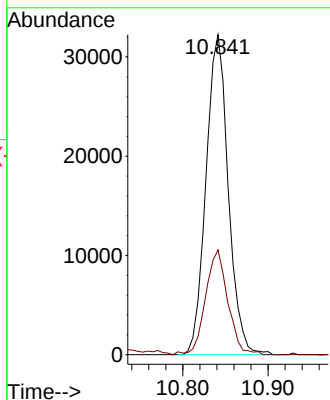
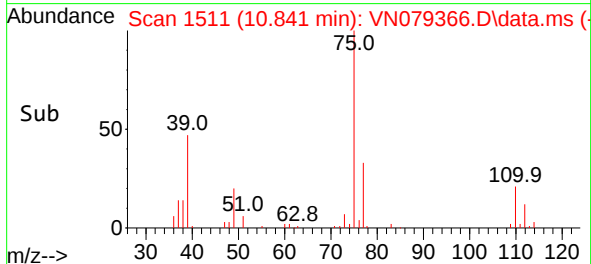
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01



Tgt Ion: 75 Resp: 5868
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0

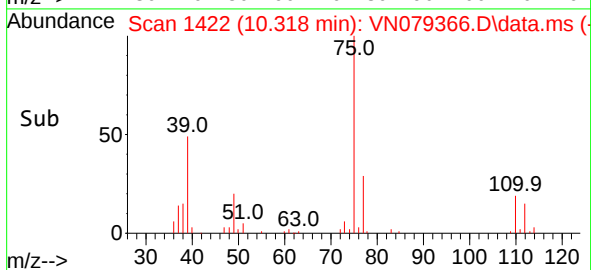
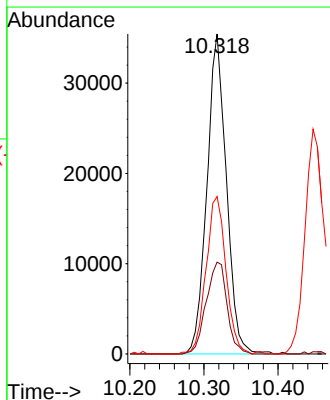
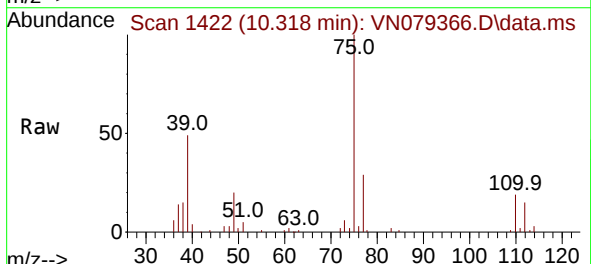
Manual Integrations
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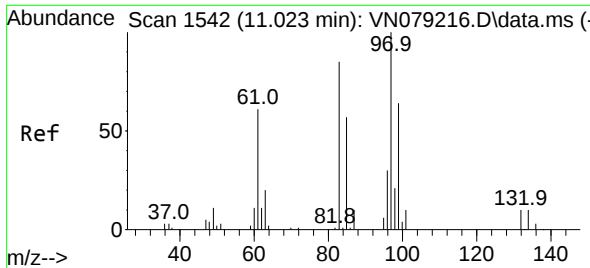
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.310 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

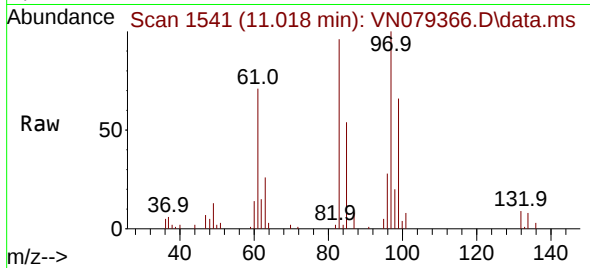
Tgt Ion: 75 Resp: 64516
 Ion Ratio Lower Upper
 75 100
 77 28.7 26.1 39.1
 39 49.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.603 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

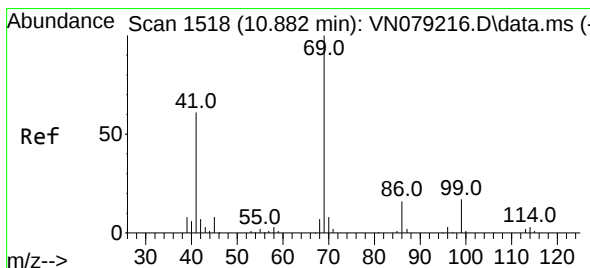
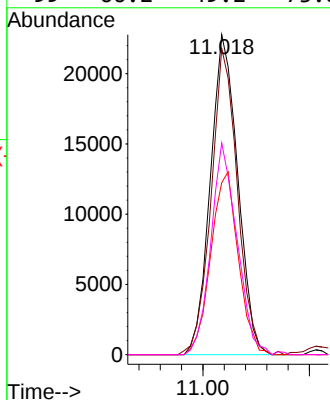
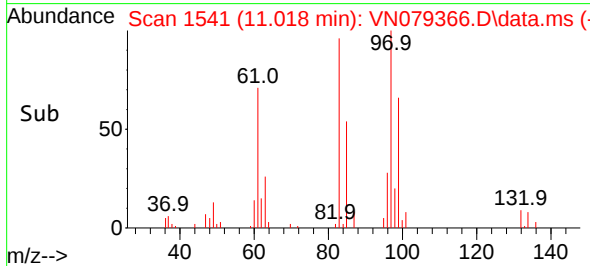
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.7	65.1	97.7
85	53.7	43.4	65.2
99	66.2	49.2	73.8

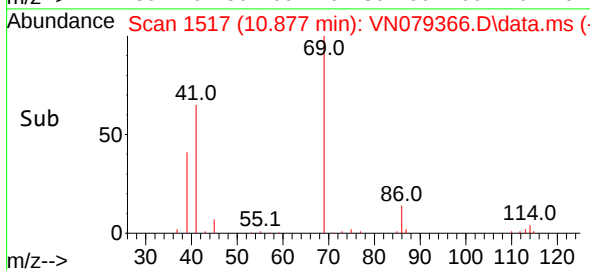
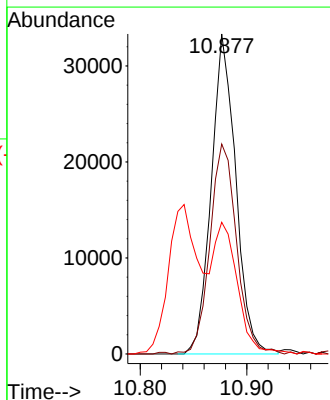
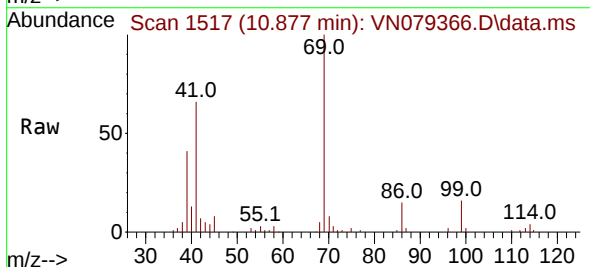
Manual Integrations
APPROVED

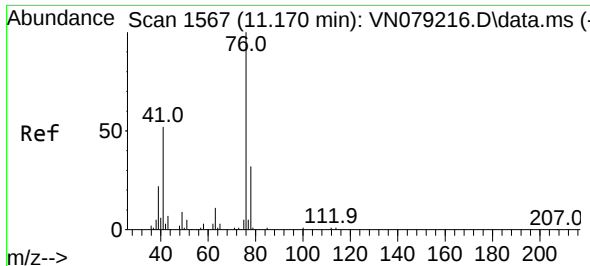
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#56
Ethyl methacrylate
Concen: 18.229 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	39.6	59.4
39	38.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.468 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

Tgt Ion: 76 Resp: 6967

Ion Ratio Lower Upper

76 100

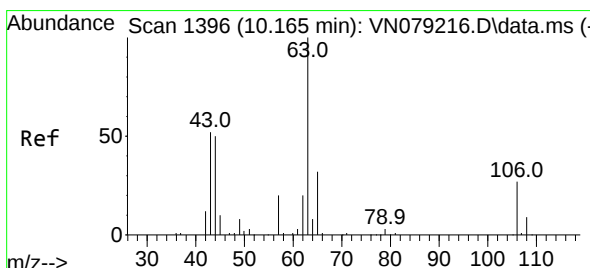
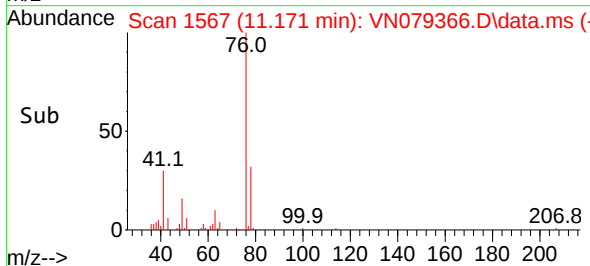
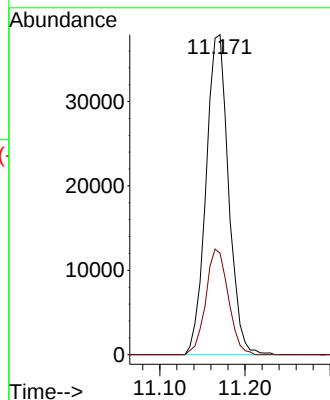
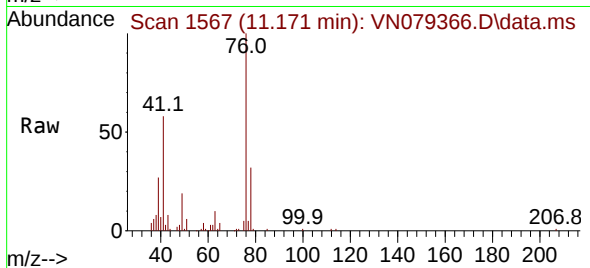
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.492 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079366.D

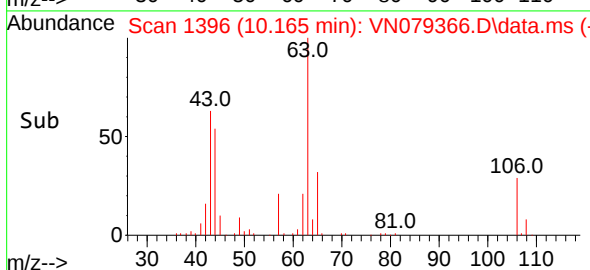
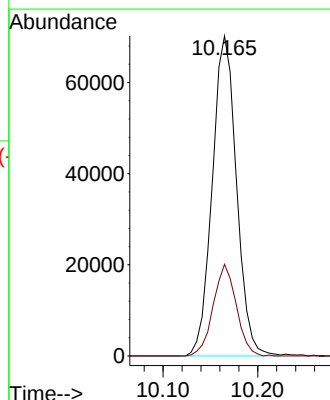
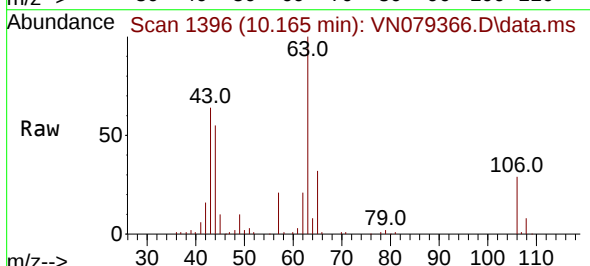
Acq: 28 Sep 2023 12:04

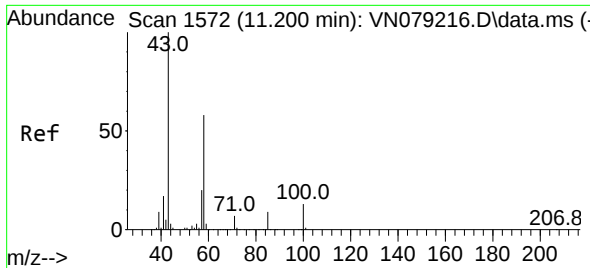
Tgt Ion: 63 Resp: 124914

Ion Ratio Lower Upper

63 100

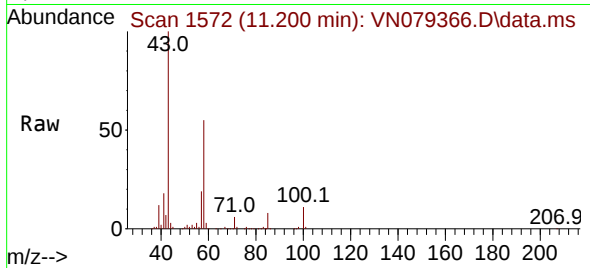
106 27.3 26.2 39.4





#59
2-Hexanone
Concen: 100.374 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

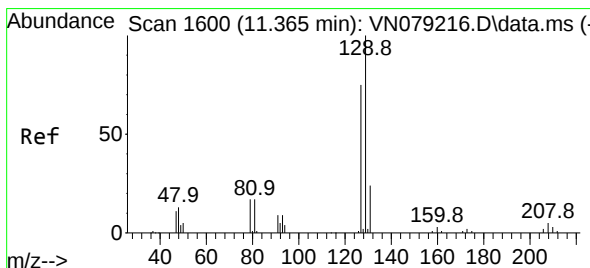
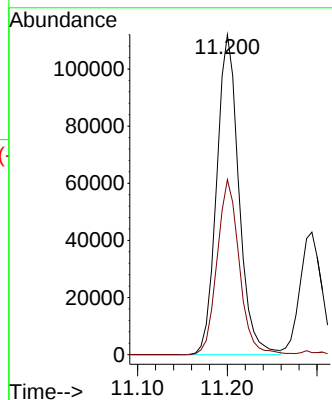
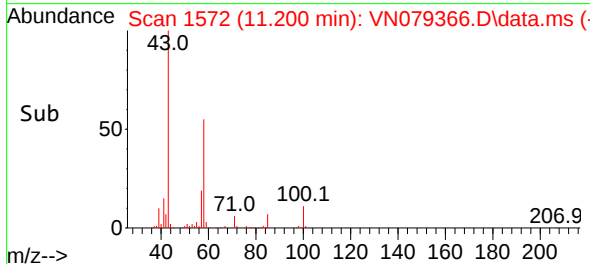
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 43 Resp: 192619
Ion Ratio Lower Upper
43 100
58 54.6 31.7 95.1

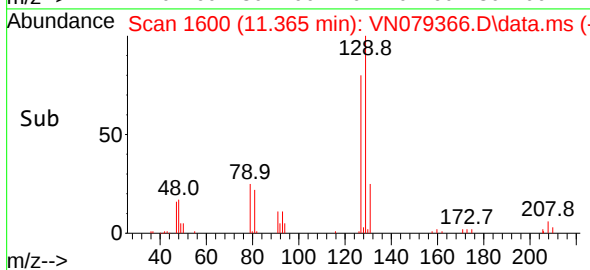
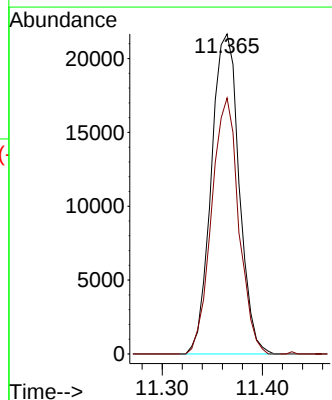
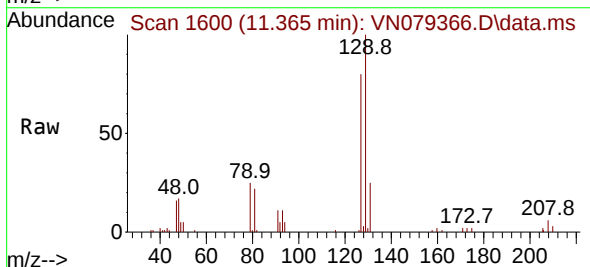
Manual Integrations
APPROVED

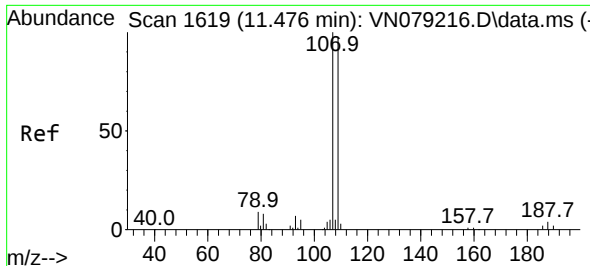
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#60
Dibromochloromethane
Concen: 18.956 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

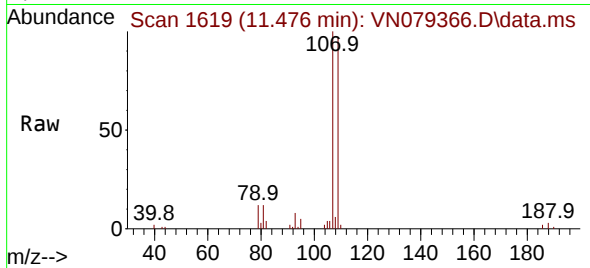
Tgt Ion:129 Resp: 41766
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.840 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

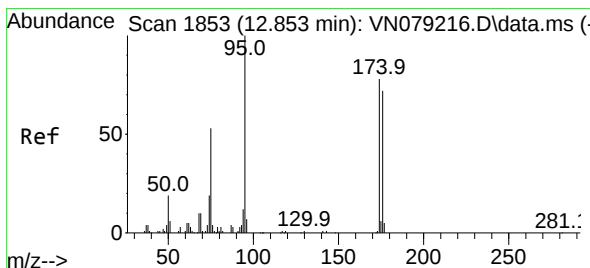
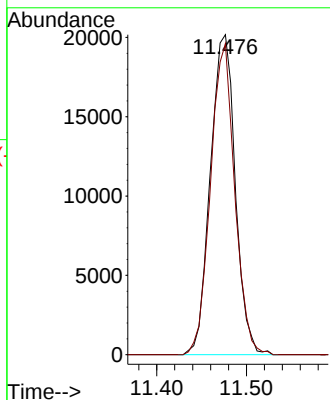
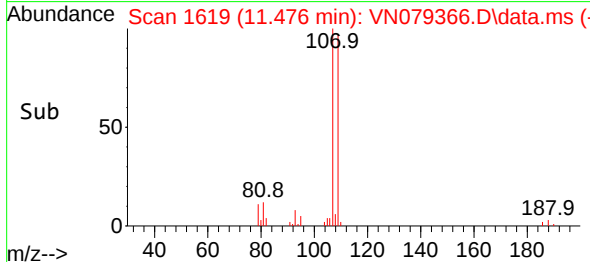
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



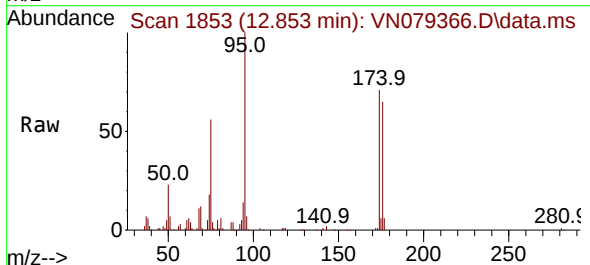
Tgt Ion:107 Resp: 38924
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

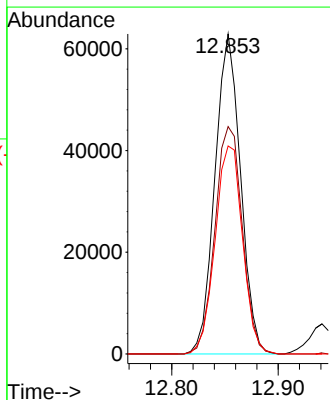
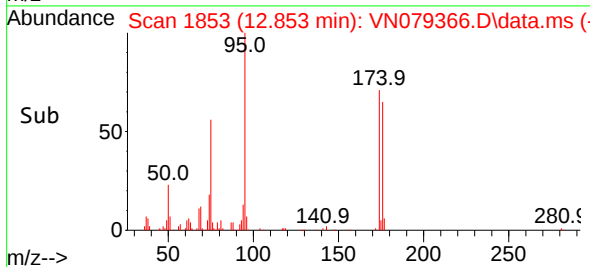
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

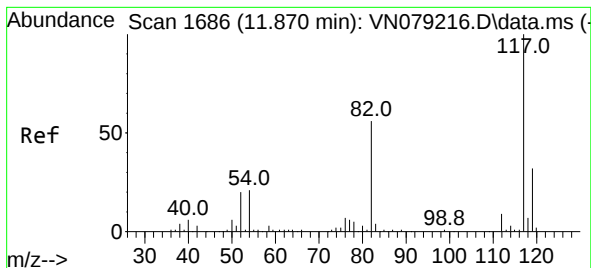


#62
4-Bromofluorobenzene
Concen: 49.234 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



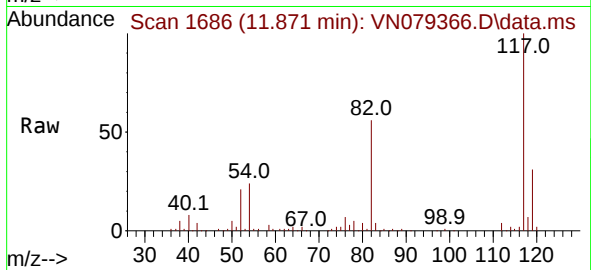
Tgt Ion: 95 Resp: 104919
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 69.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

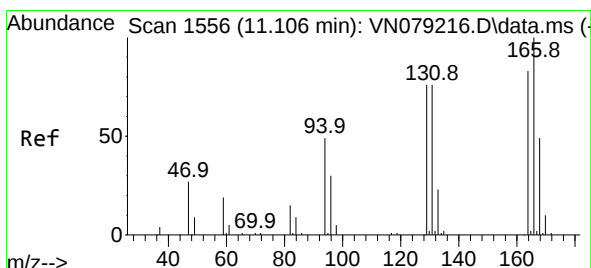
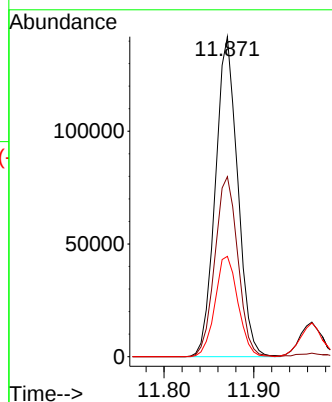
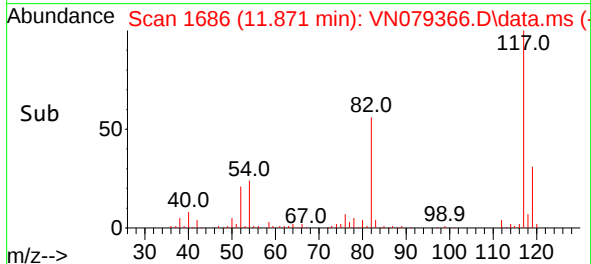
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion:117 Resp: 244990
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.4 25.6 38.4

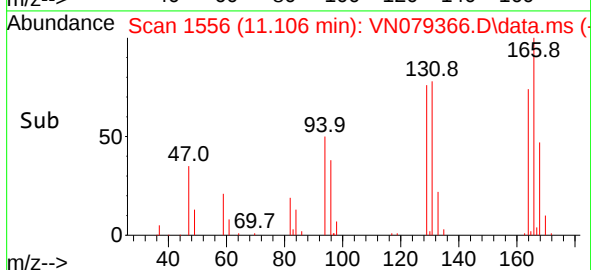
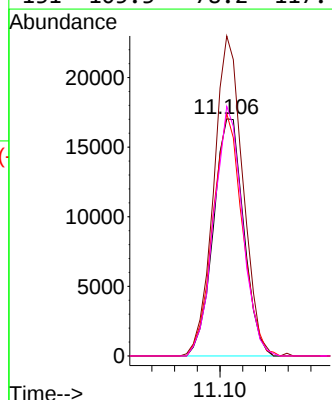
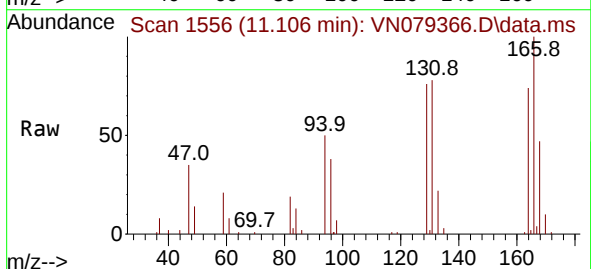
Manual Integrations
APPROVED

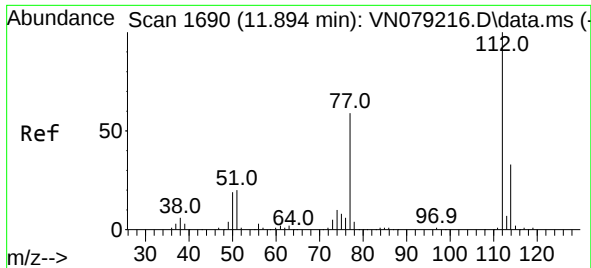
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#64
Tetrachloroethene
Concen: 17.581 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion:164 Resp: 31406
Ion Ratio Lower Upper
164 100
166 134.9 101.4 152.0
129 102.2 82.4 123.6
131 105.3 78.2 117.4





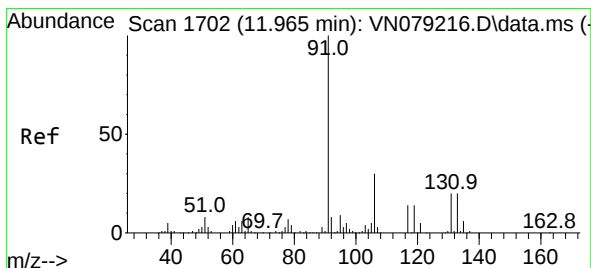
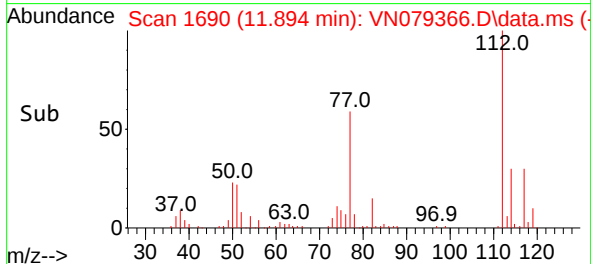
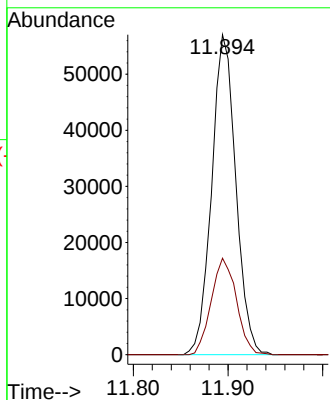
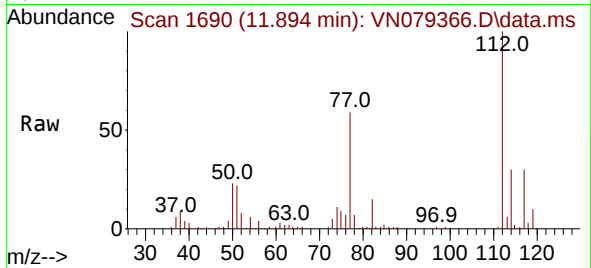
#65
Chlorobenzene
Concen: 18.189 ug/l
RT: 11.894 min Scan# 11095
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion:112 Resp: 10095
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

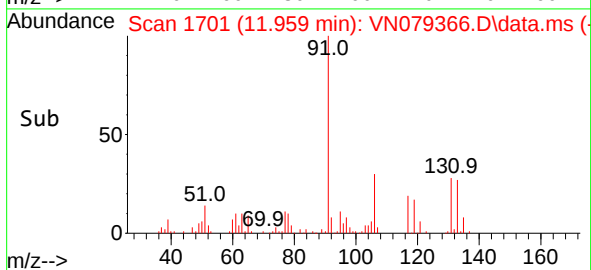
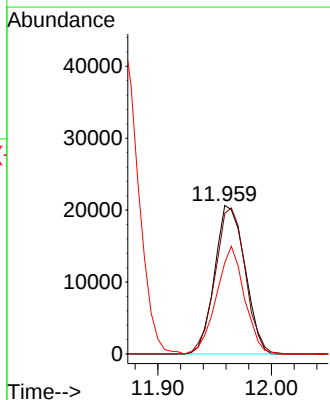
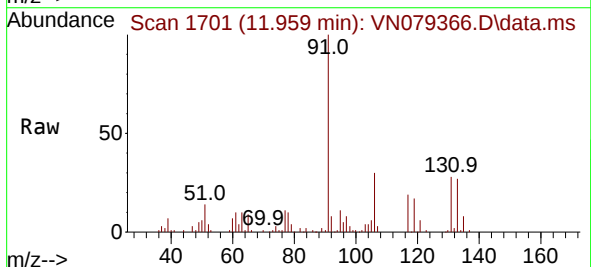
Manual Integrations
APPROVED

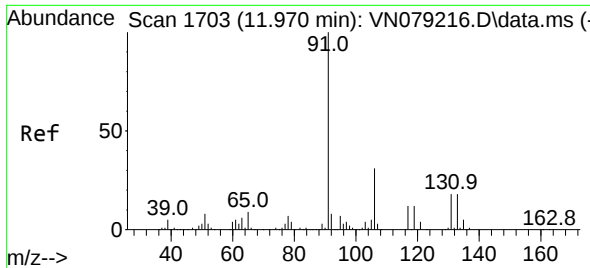
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.358 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

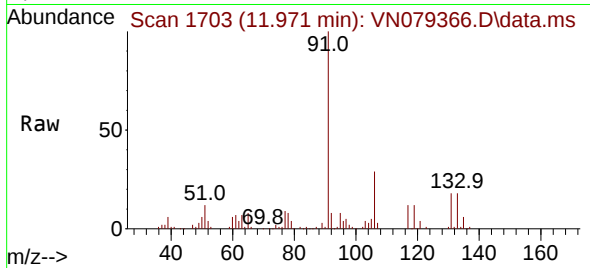
Tgt Ion:131 Resp: 38206
Ion Ratio Lower Upper
131 100
133 98.1 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 18.073 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

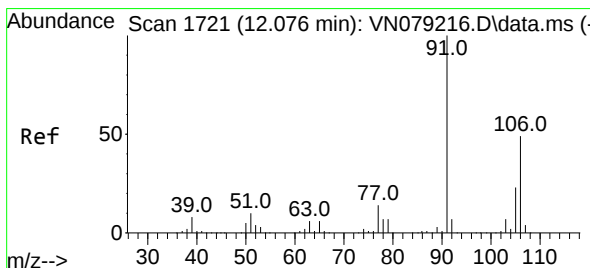
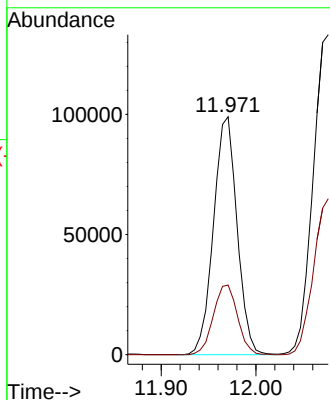
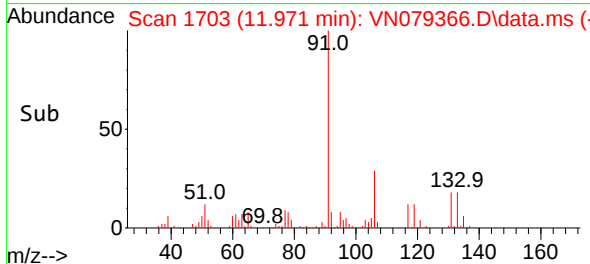
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



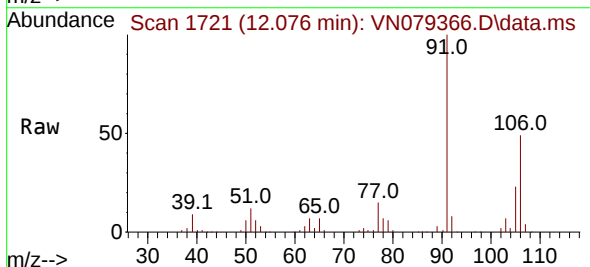
Tgt Ion: 91 Resp: 171569
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

Manual Integrations
APPROVED

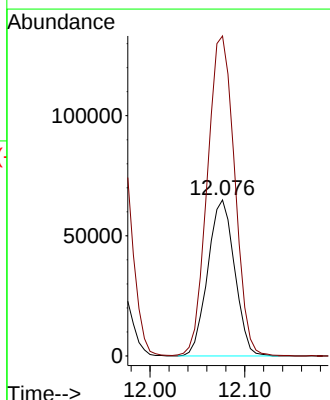
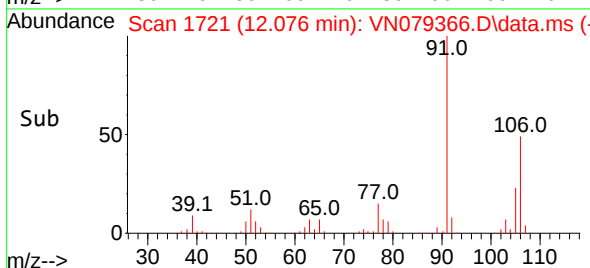
Reviewed By :John Carbone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

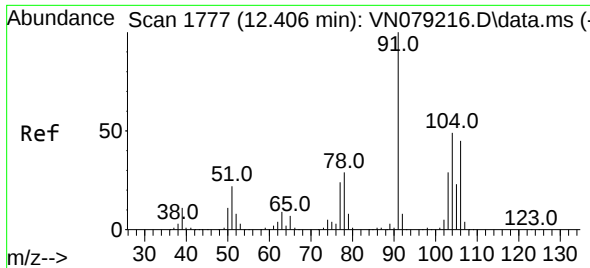


#68
m/p-Xylenes
Concen: 36.151 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



Tgt Ion:106 Resp: 127917
Ion Ratio Lower Upper
106 100
91 209.1 159.6 239.4





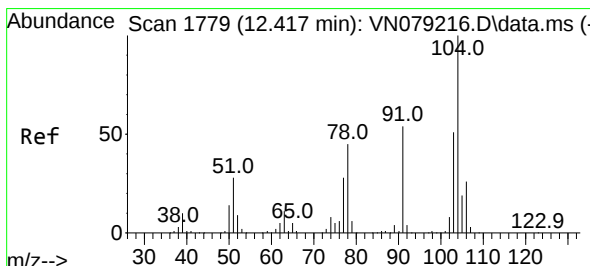
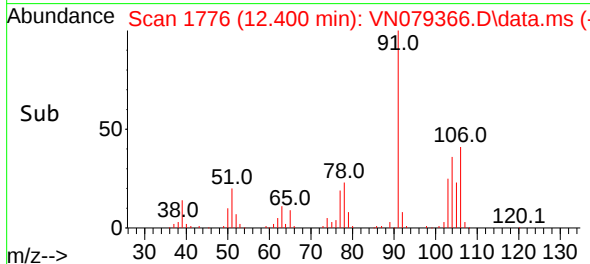
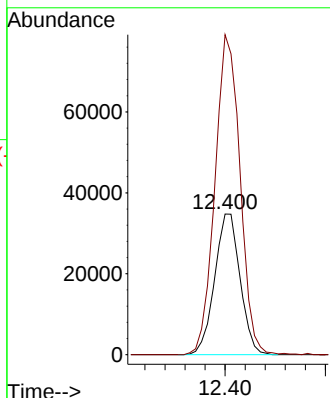
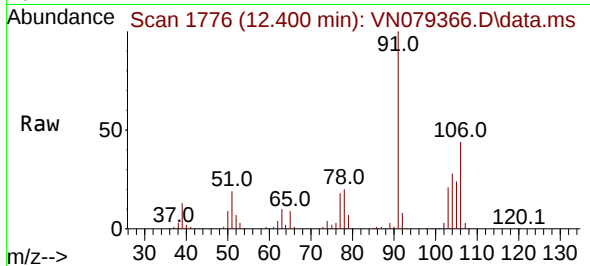
#69
o-Xylene
Concen: 18.007 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion:106 Resp: 61108
Ion Ratio Lower Upper
106 100
91 224.8 105.2 315.5

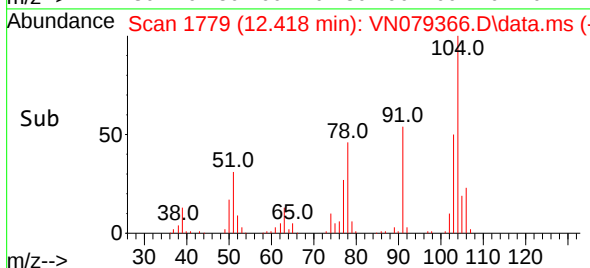
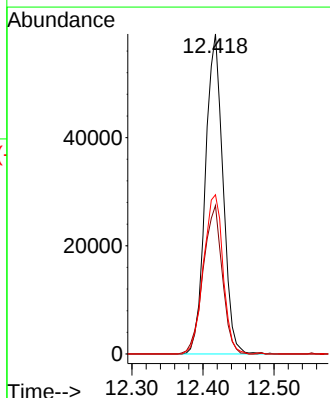
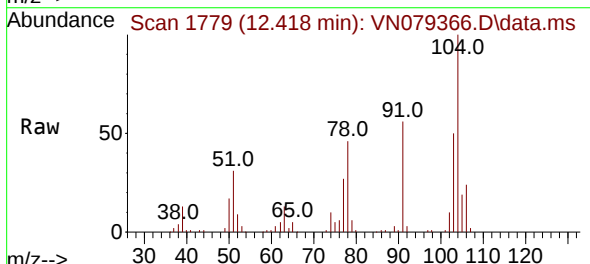
Manual Integrations
APPROVED

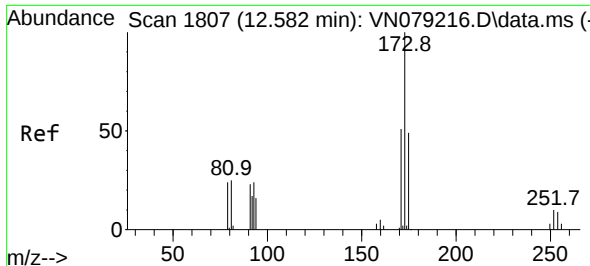
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#70
Styrene
Concen: 18.623 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

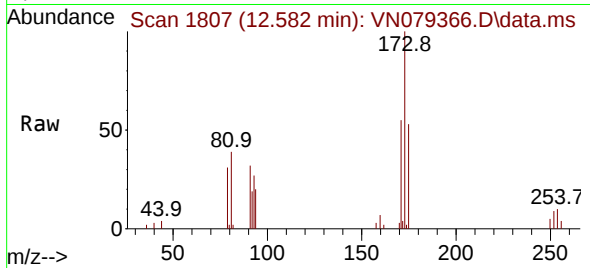
Tgt Ion:104 Resp: 101646
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 17.445 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

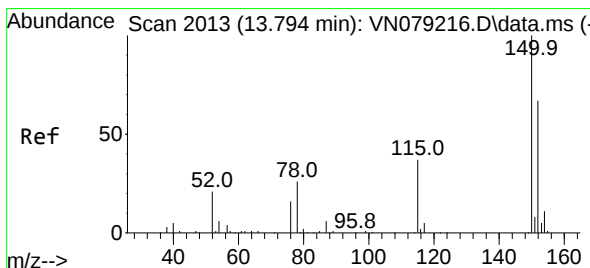
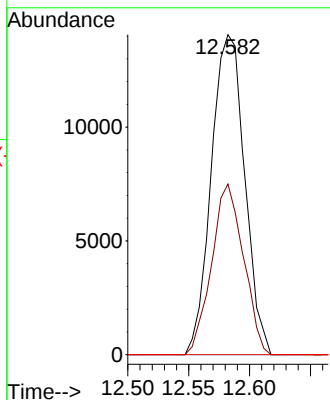
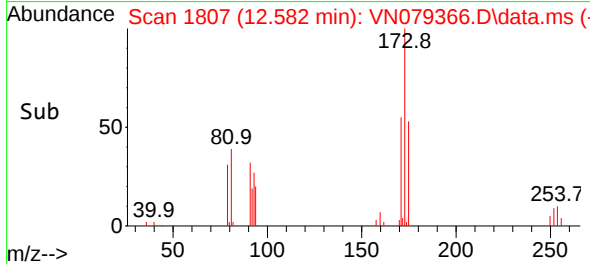
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



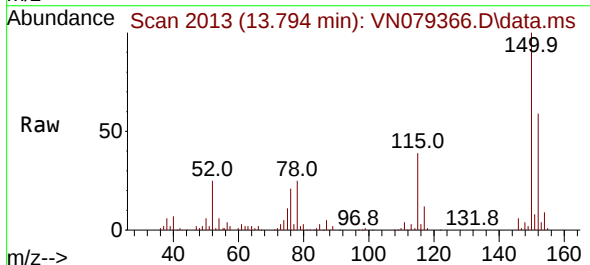
Tgt Ion:173 Resp: 2680
Ion Ratio Lower Upper
173 100
175 51.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

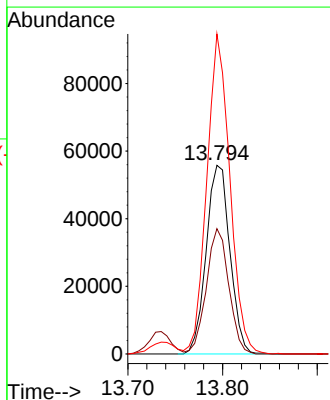
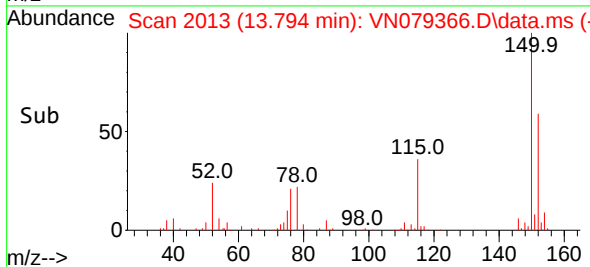
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

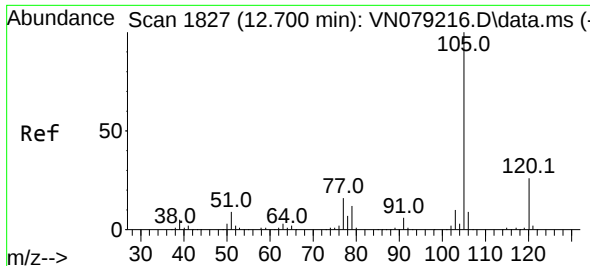


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



Tgt Ion:152 Resp: 97143
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 164.9 0.0 355.8





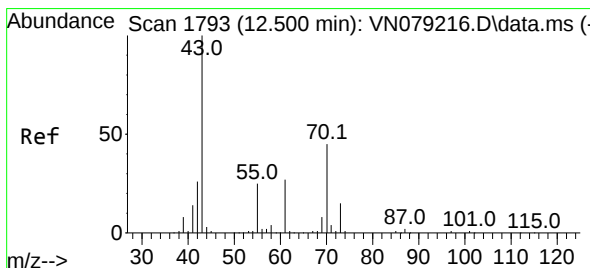
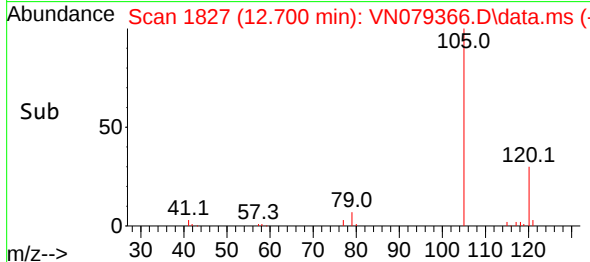
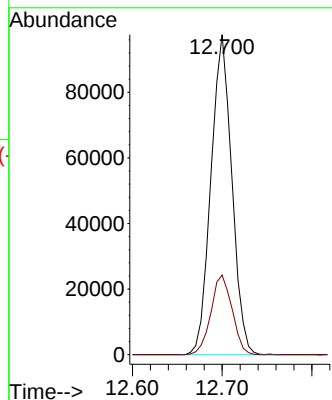
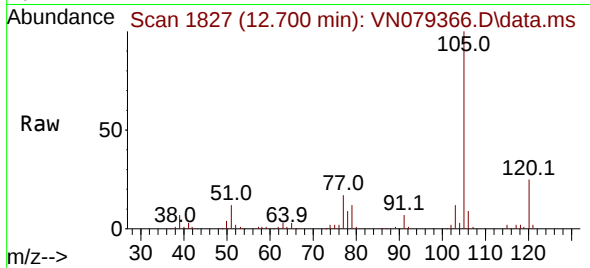
#73
Isopropylbenzene
Concen: 17.819 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion:105 Resp: 15748
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

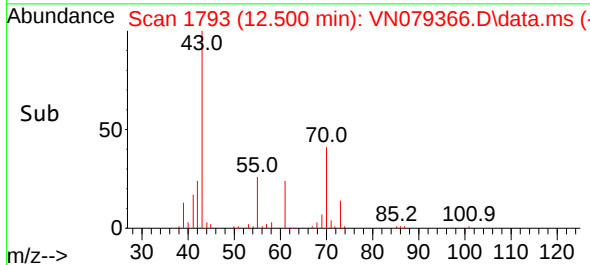
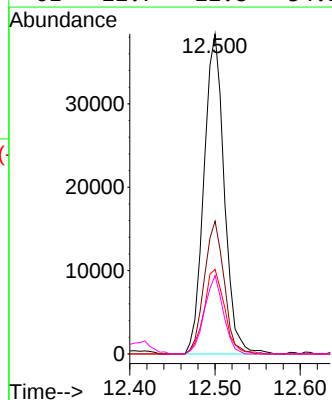
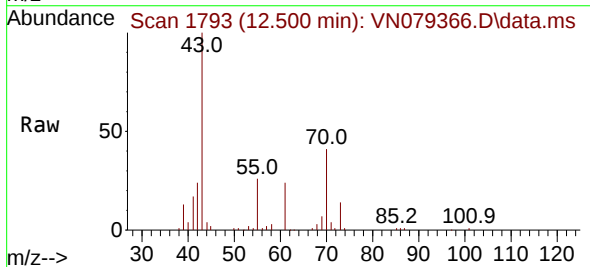
Manual Integrations
APPROVED

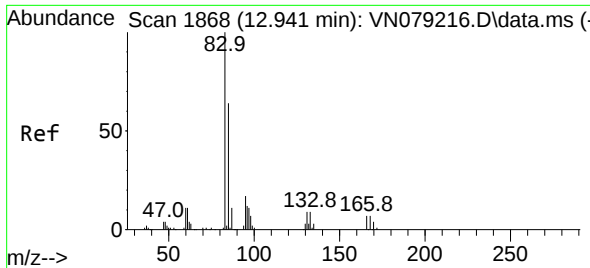
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#74
N-ethyl acetate
Concen: 18.945 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

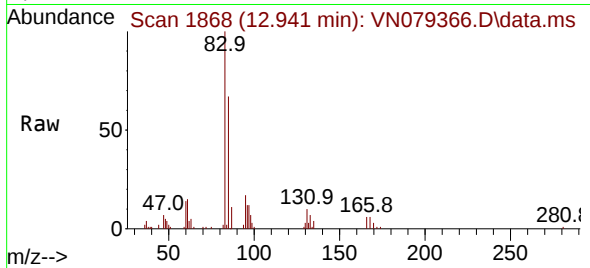
Tgt Ion: 43 Resp: 63527
Ion Ratio Lower Upper
43 100
70 40.7 43.4 65.2#
55 26.8 21.4 32.0
61 22.7 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.257 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

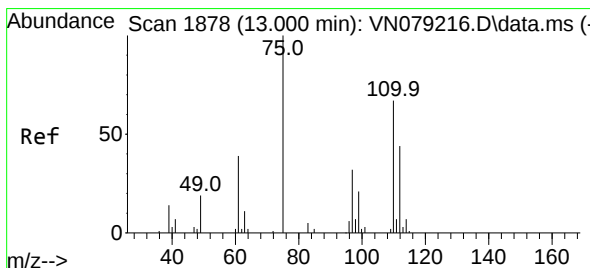
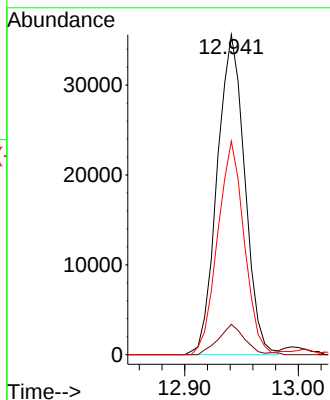
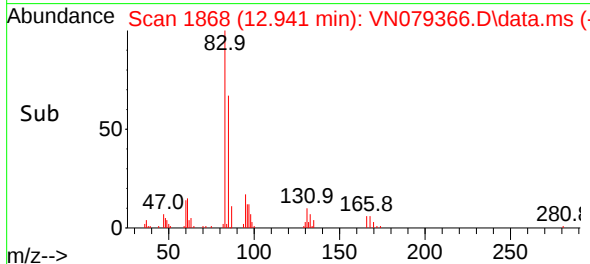
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



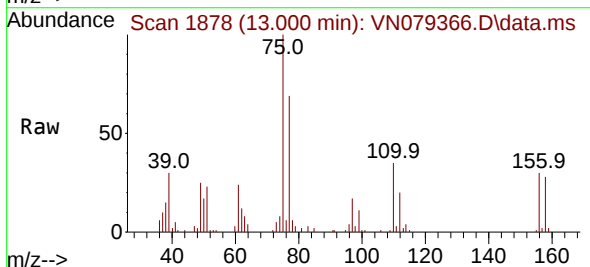
Tgt Ion: 83 Resp: 60080
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.3 31.9 95.7

Manual Integrations
APPROVED

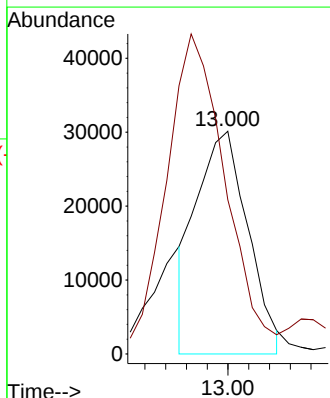
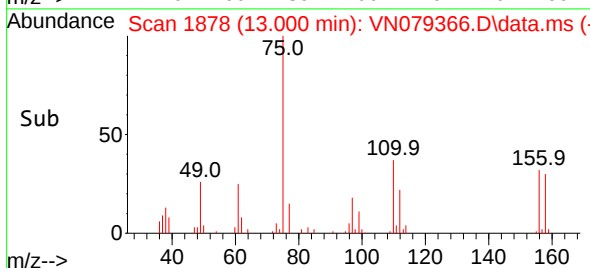
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

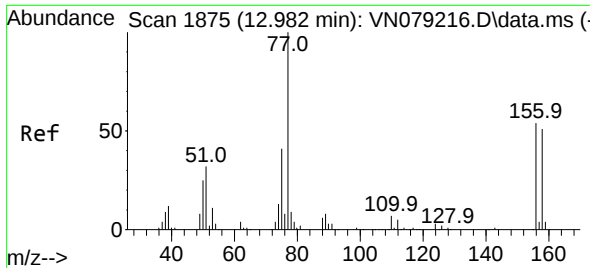


#76
1,2,3-Trichloropropane
Concen: 19.813 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



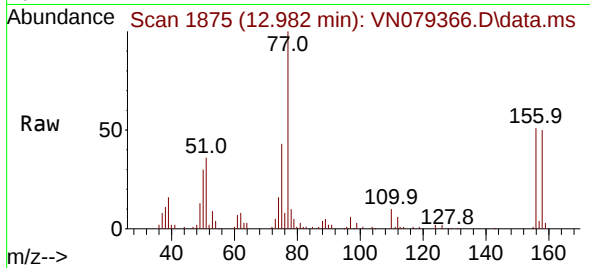
Tgt Ion: 75 Resp: 51874
Ion Ratio Lower Upper
75 100
77 165.8 84.5 253.5





#77
Bromobenzene
Concen: 16.672 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

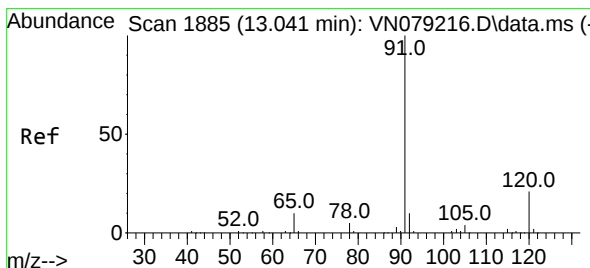
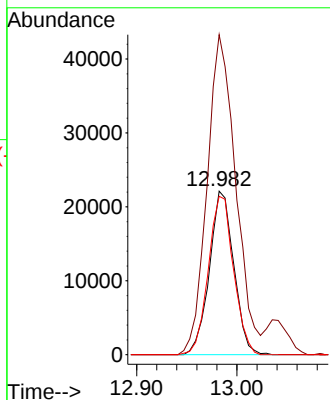
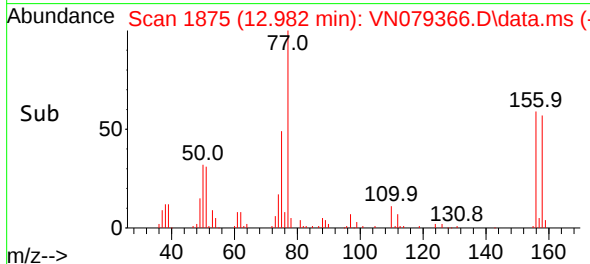
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



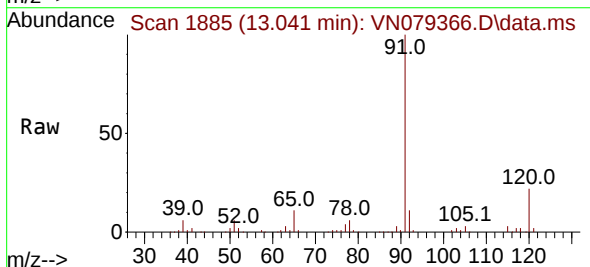
Tgt Ion:156 Resp: 3731
Ion Ratio Lower Upper
156 100
77 230.5 107.7 323.3
158 100.2 48.4 145.3

Manual Integrations
APPROVED

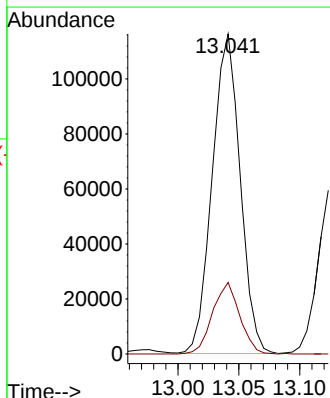
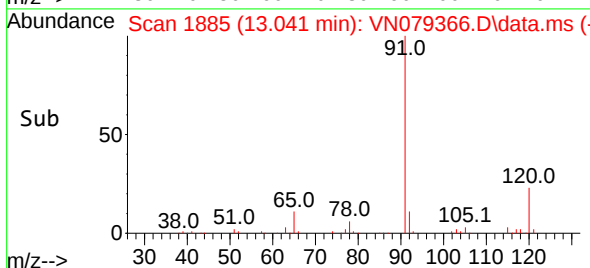
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

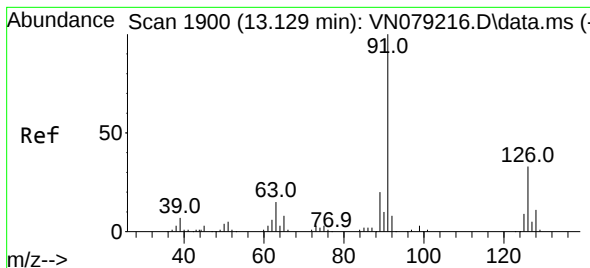


#78
n-propylbenzene
Concen: 18.637 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04



Tgt Ion: 91 Resp: 185033
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





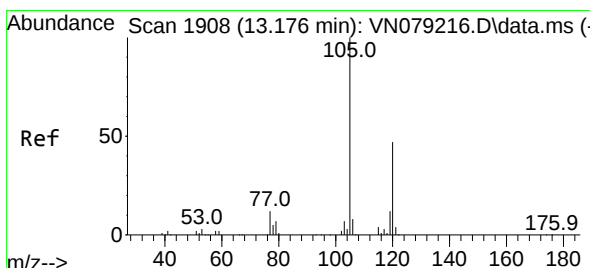
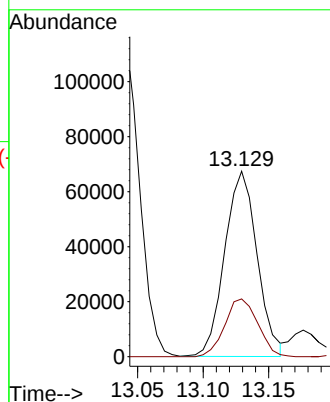
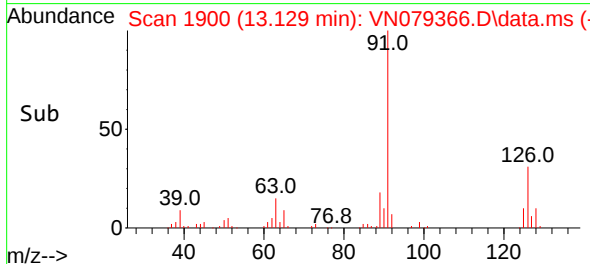
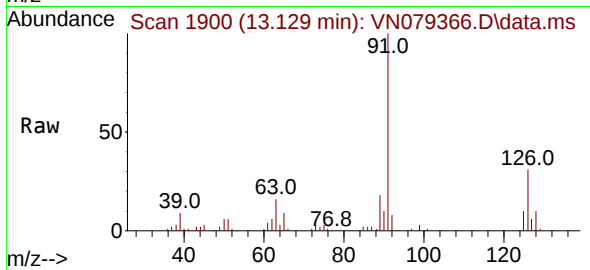
#79
2-Chlorotoluene
Concen: 17.845 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion: 91 Resp: 115880
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

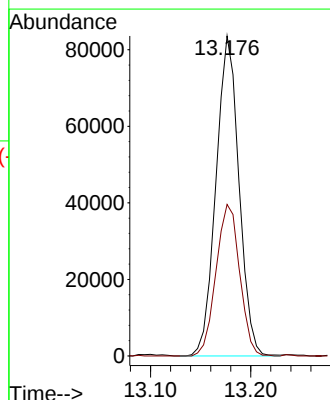
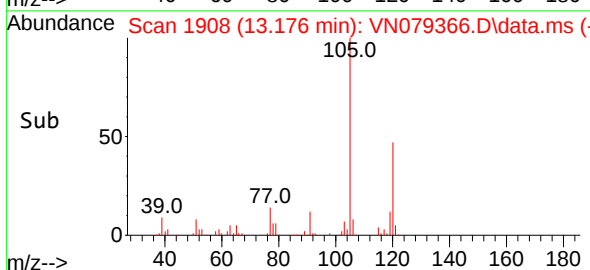
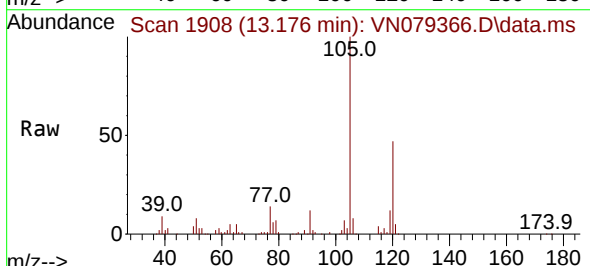
Manual Integrations
APPROVED

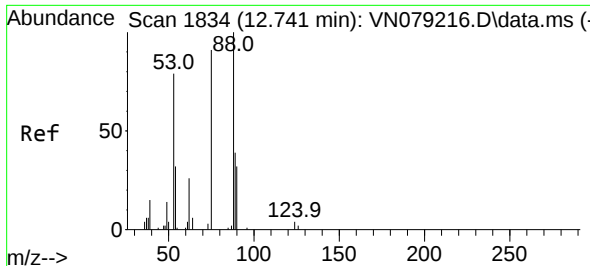
Reviewed By :John Carbone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.048 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

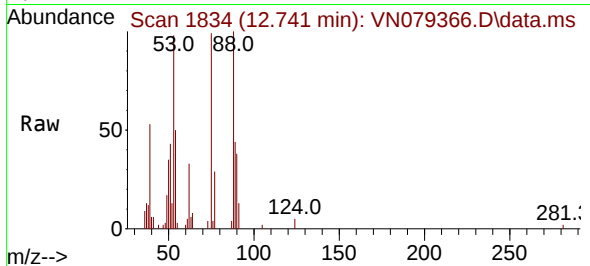
Tgt Ion:105 Resp: 132911
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.483 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

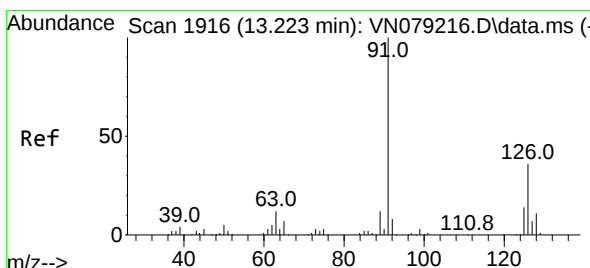
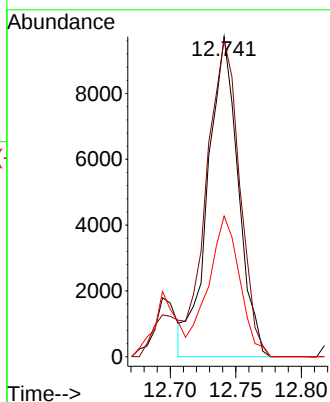
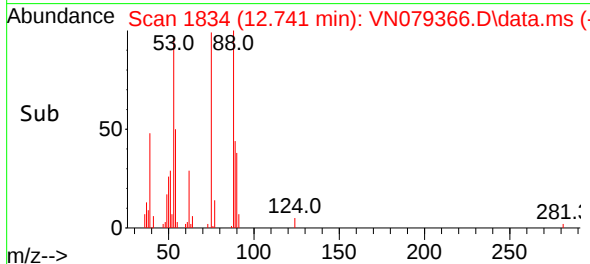
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion: 75 Resp: 1569
Ion Ratio Lower Upper
75 100
53 119.5 67.4 101.2
89 45.5 38.8 58.2

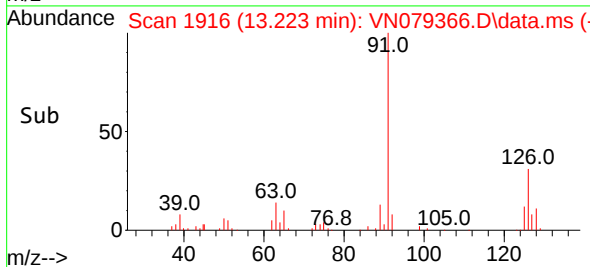
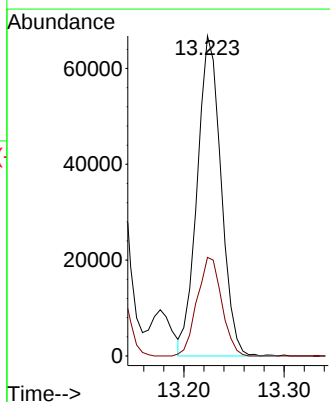
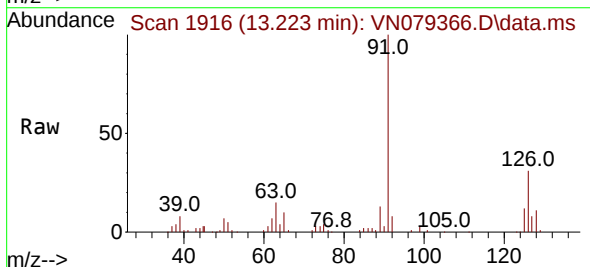
Manual Integrations
APPROVED

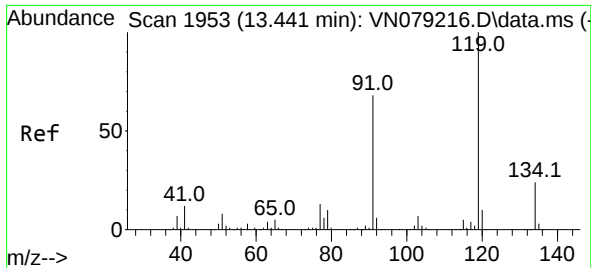
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#82
4-Chlorotoluene
Concen: 18.130 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

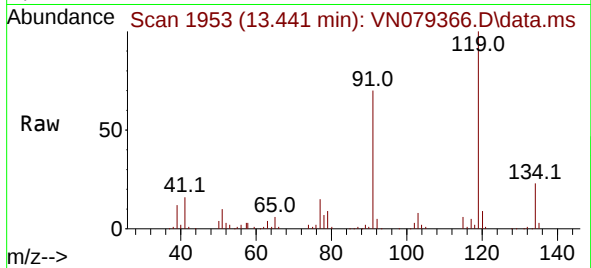
Tgt Ion: 91 Resp: 110627
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.514 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

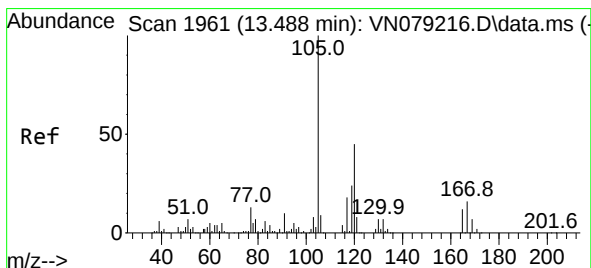
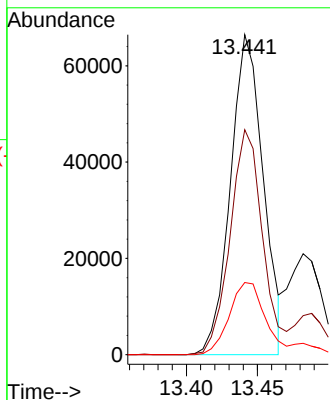
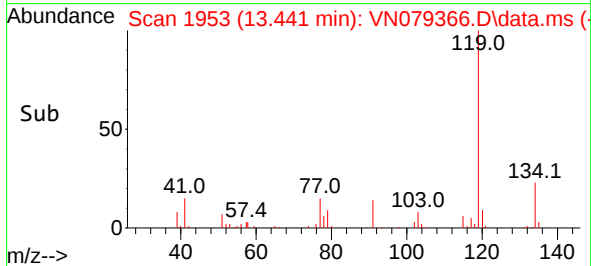
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion:119 Resp: 106699
Ion Ratio Lower Upper
119 100
91 70.0 33.9 101.7
134 27.3 13.2 39.6

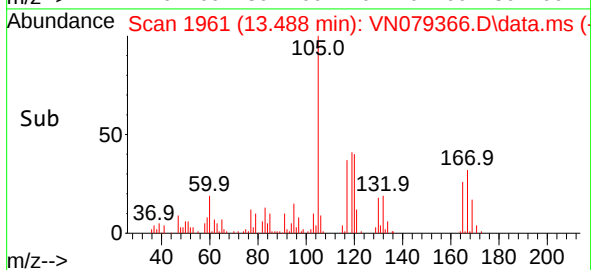
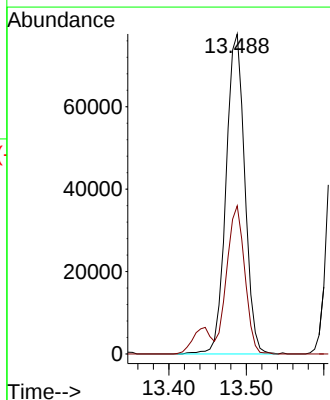
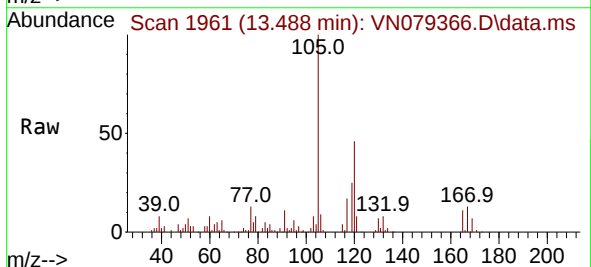
Manual Integrations
APPROVED

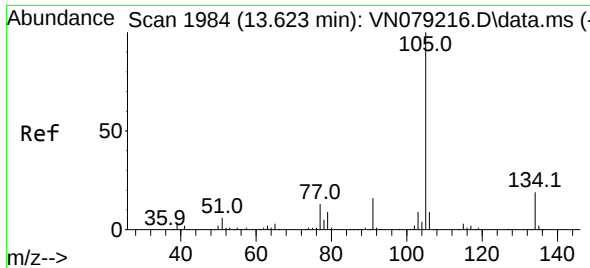
Reviewed By :John Carbone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.582 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

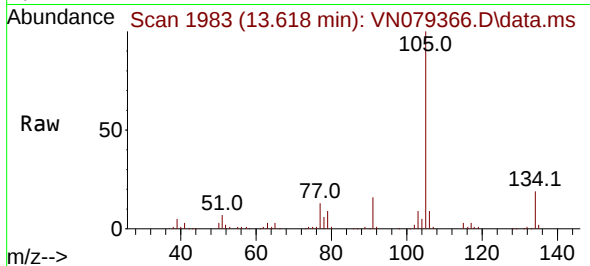
Tgt Ion:105 Resp: 130330
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.722 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04

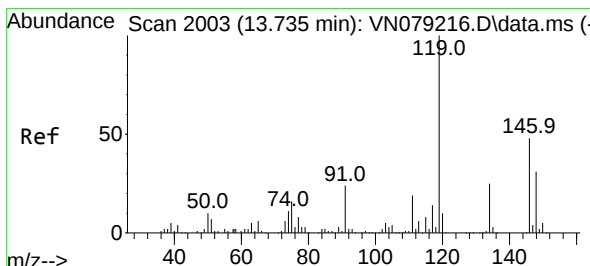
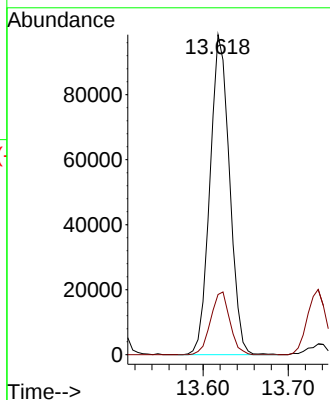
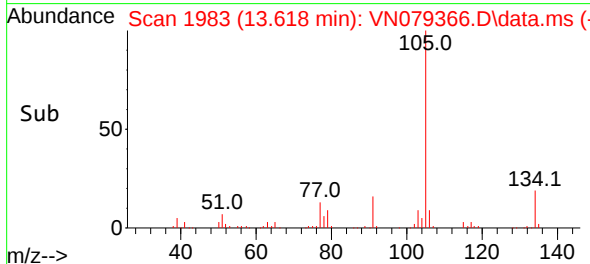
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01



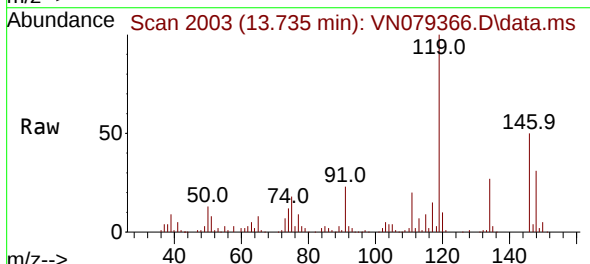
Tgt Ion:105 Resp: 157028
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
 APPROVED

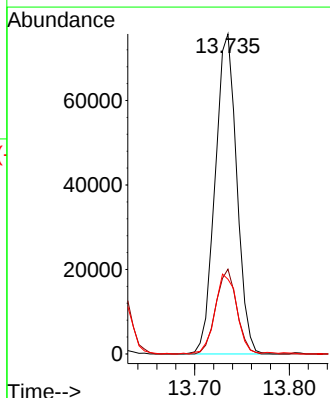
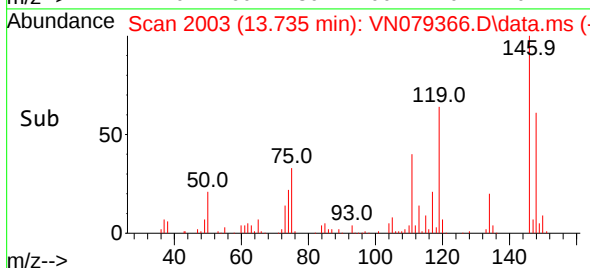
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

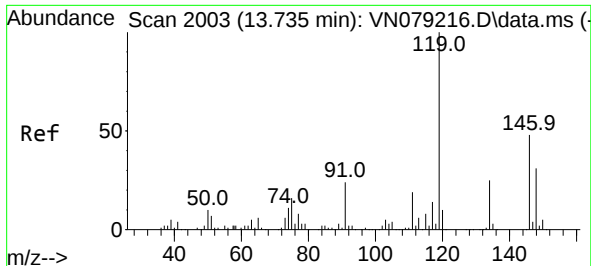


#86
 p-Isopropyltoluene
 Concen: 17.938 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079366.D
 Acq: 28 Sep 2023 12:04



Tgt Ion:119 Resp: 120198
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.446 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

Tgt Ion:146 Resp: 64038

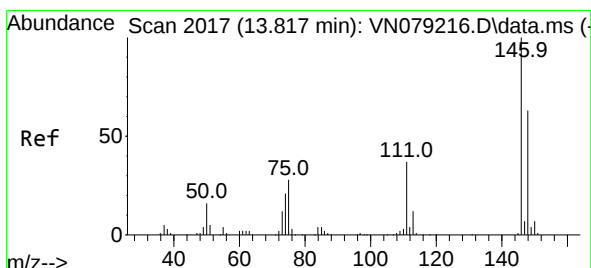
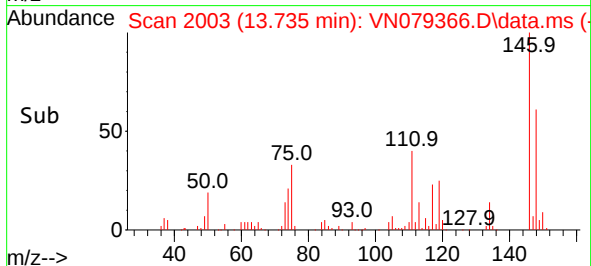
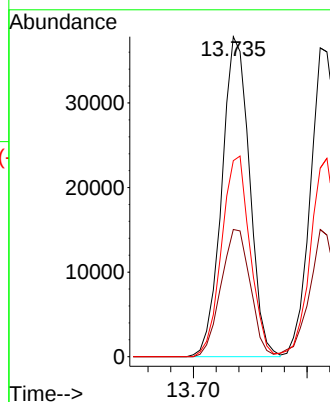
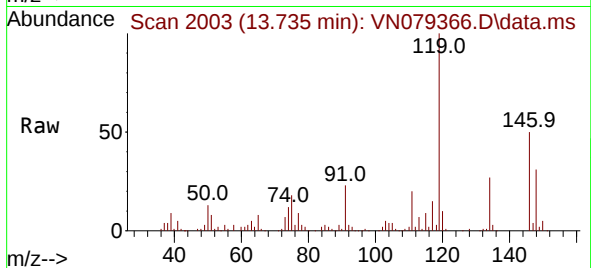
Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.1	66.3
148	64.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#88

1,4-Dichlorobenzene

Concen: 16.878 ug/l

RT: 13.812 min Scan# 2016

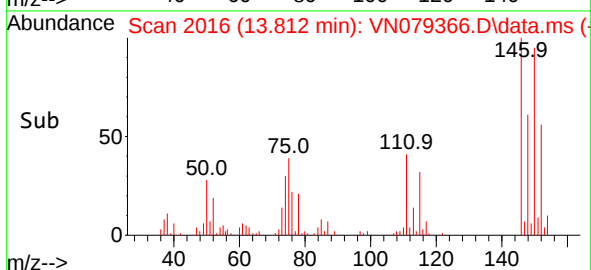
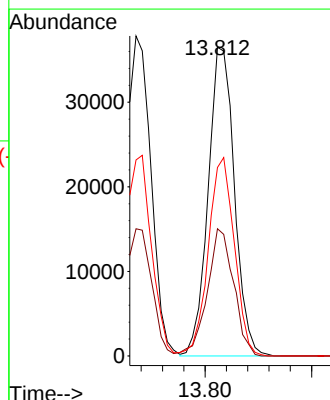
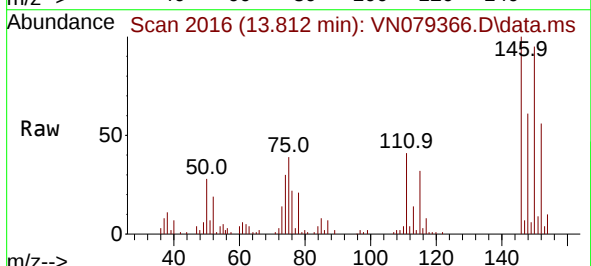
Delta R.T. -0.006 min

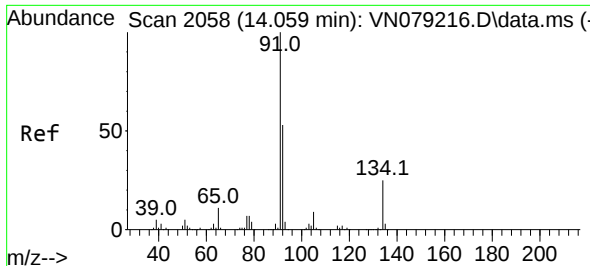
Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Tgt Ion:146 Resp: 62602

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.6	31.6	94.8





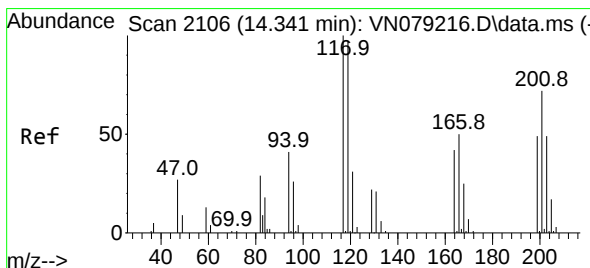
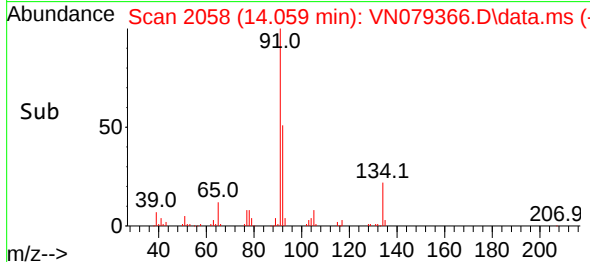
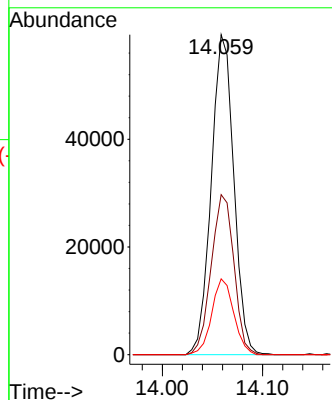
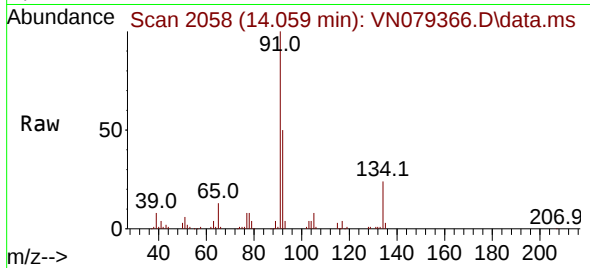
#89
n-Butylbenzene
Concen: 17.592 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tgt Ion:	91	Resp:	9269
Ion Ratio	Lower	Upper	
91	100		
92	50.5	26.4	79.0
134	23.2	12.6	37.6

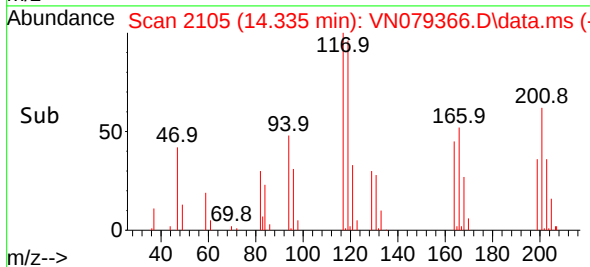
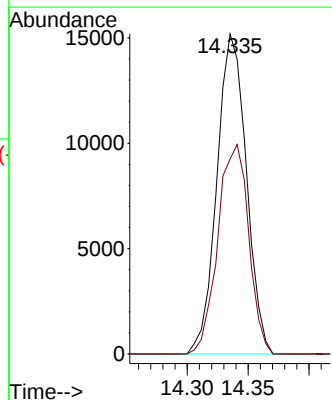
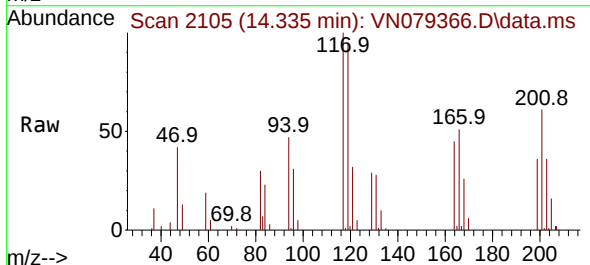
Manual Integrations
APPROVED

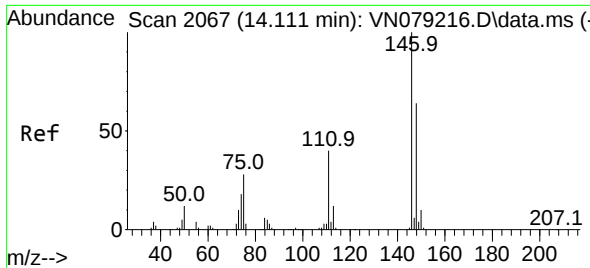
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#90
Hexachloroethane
Concen: 18.761 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion:	117	Resp:	25530
Ion Ratio	Lower	Upper	
117	100		
201	68.4	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 17.473 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

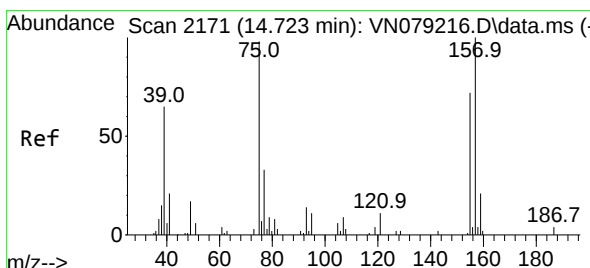
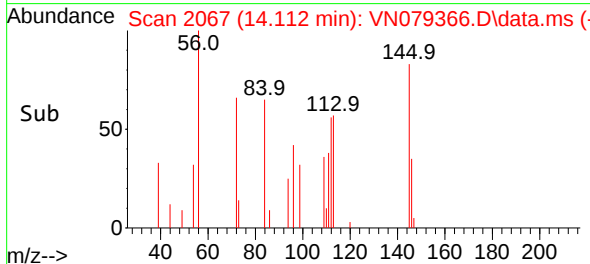
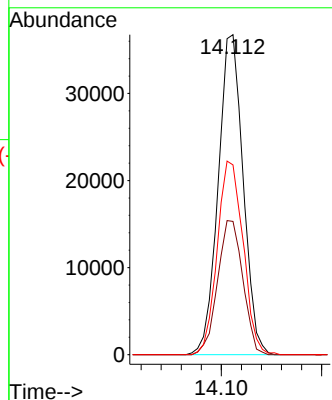
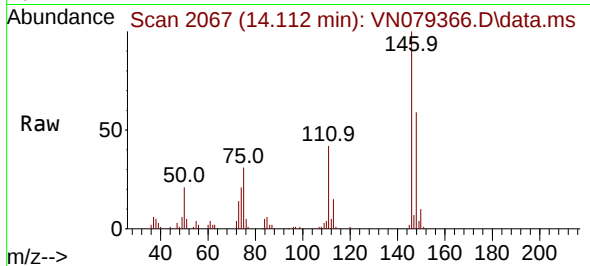
Tgt Ion:	146	Resp:	63310
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.0	66.0
148	62.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.851 ug/l

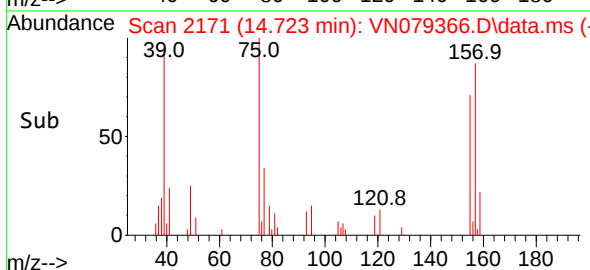
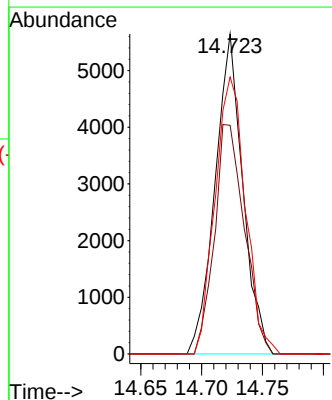
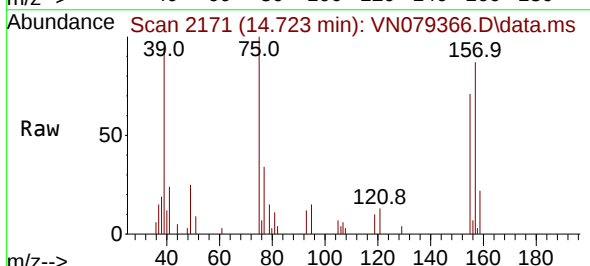
RT: 14.723 min Scan# 2171

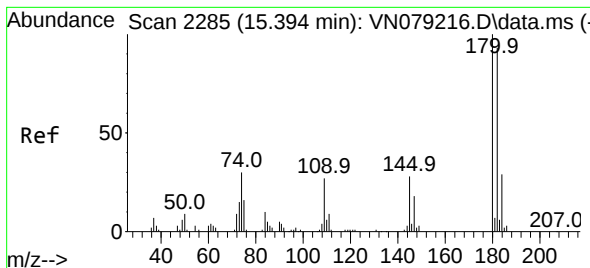
Delta R.T. 0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Tgt Ion:	75	Resp:	8931
Ion	Ratio	Lower	Upper
75	100		
155	77.6	39.1	117.2
157	95.1	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.681 ug/l

RT: 15.394 min Scan# 2117

Delta R.T. -0.006 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

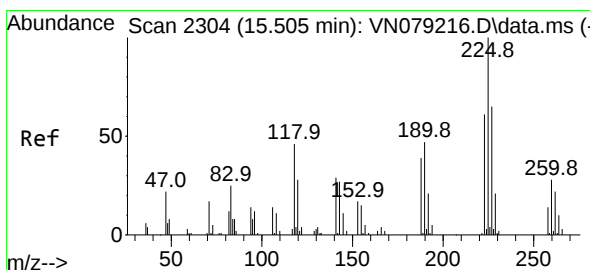
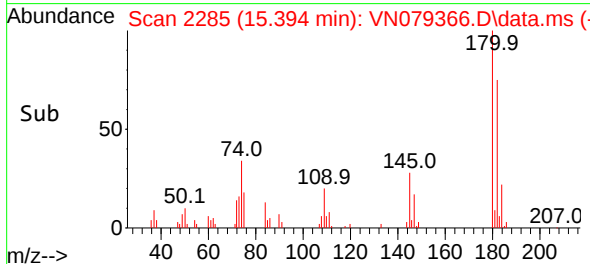
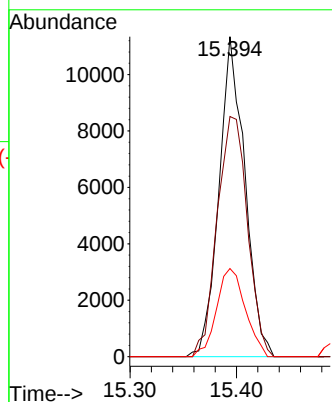
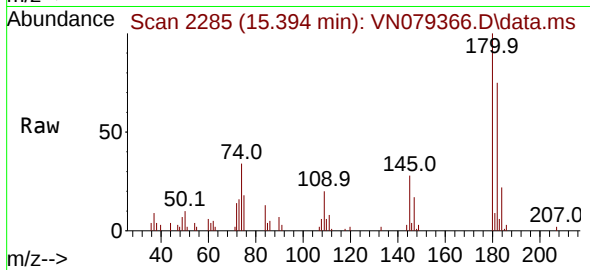
Tgt Ion:	180	Resp:	1911
Ion Ratio	Lower	Upper	
180	100		
182	87.7	46.1	138.2
145	30.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#94

Hexachlorobutadiene

Concen: 14.880 ug/l

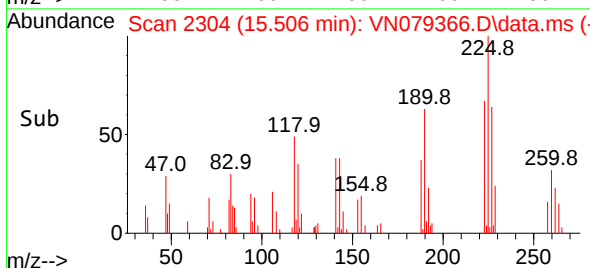
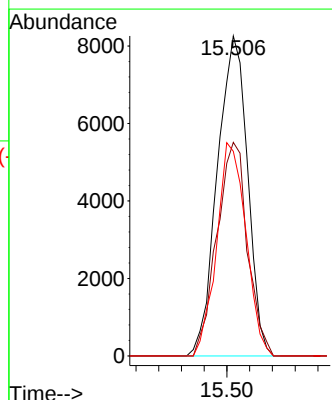
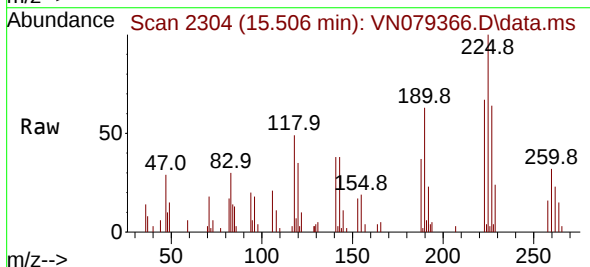
RT: 15.506 min Scan# 2304

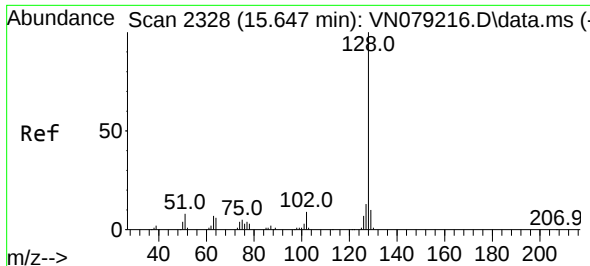
Delta R.T. -0.000 min

Lab File: VN079366.D

Acq: 28 Sep 2023 12:04

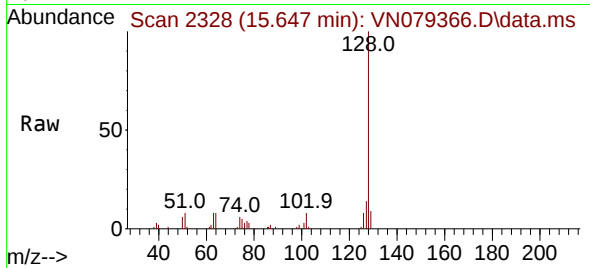
Tgt Ion:	225	Resp:	15242
Ion Ratio	Lower	Upper	
225	100		
223	67.7	31.3	93.8
227	64.7	31.9	95.9





#95
Naphthalene
Concen: 11.649 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

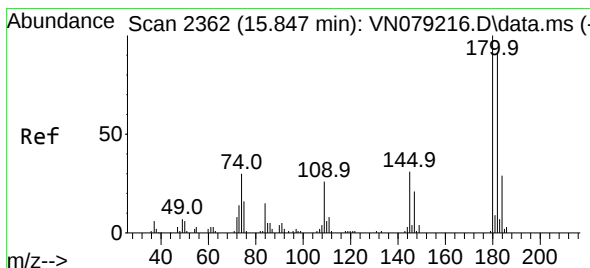
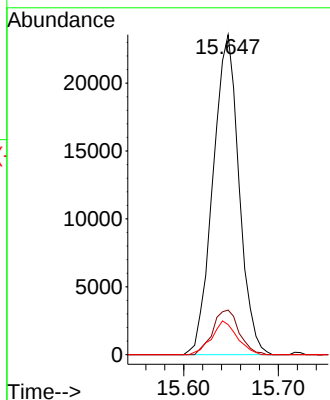
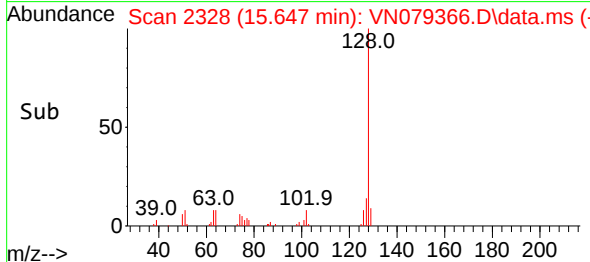
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01



Tgt Ion:128 Resp: 45054
Ion Ratio Lower Upper
128 100
127 14.2 10.0 15.0
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.910 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079366.D
Acq: 28 Sep 2023 12:04

Tgt Ion:180 Resp: 21366
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 32.5 17.5 52.6

