

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN075992.D
 Acq On : 28 Dec 2022 11:59
 Operator : JC\MD
 Sample : VN1228WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Quant Time: Dec 29 04:47:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/29/2022
 Supervised By : Mahesh Dadoda 12/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	280381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	443491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	389100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132248	43.356	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	8.171	113	121777	44.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.680%		
50) Toluene-d8	10.571	98	452735	44.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.180%		
62) 4-Bromofluorobenzene	12.853	95	149366	43.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33330	16.742	ug/l	98
3) Chloromethane	2.371	50	41046	16.581	ug/l	95
4) Vinyl Chloride	2.530	62	50506	17.104	ug/l	98
5) Bromomethane	2.971	94	42864	17.080	ug/l	97
6) Chloroethane	3.136	64	39555	18.089	ug/l	97
7) Trichlorofluoromethane	3.512	101	81773	18.250	ug/l	95
8) Diethyl Ether	3.971	74	29172	17.825	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	48461	18.940	ug/l	98
10) Methyl Iodide	4.600	142	69387	16.710	ug/l	99
11) Tert butyl alcohol	5.542	59	38493	89.184	ug/l	100
12) 1,1-Dichloroethene	4.353	96	44055	17.728	ug/l	91
13) Acrolein	4.195	56	49572	93.684	ug/l	98
14) Allyl chloride	5.042	41	55616m	19.145	ug/l	
15) Acrylonitrile	5.736	53	110579	93.883	ug/l	99
16) Acetone	4.442	43	113030	107.495	ug/l	99
17) Carbon Disulfide	4.730	76	89323	14.846	ug/l	99
18) Methyl Acetate	5.036	43	58441	18.803	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	157499	19.247	ug/l	94
20) Methylene Chloride	5.294	84	52977	18.430	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	48772	17.921	ug/l	98
22) Diisopropyl ether	6.683	45	136483	19.341	ug/l	97
23) Vinyl Acetate	6.612	43	450535	94.854	ug/l	100
24) 1,1-Dichloroethane	6.577	63	87538	18.600	ug/l	98
25) 2-Butanone	7.494	43	148299	100.727	ug/l	97
26) 2,2-Dichloropropane	7.500	77	76836	19.279	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	60093	18.463	ug/l	96
28) Bromochloromethane	7.818	49	30528	14.799	ug/l	99
29) Tetrahydrofuran	7.847	42	89368	96.861	ug/l	99
30) Chloroform	7.971	83	98464	18.582	ug/l	93
31) Cyclohexane	8.265	56	73981	16.935	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	89159	18.979	ug/l	97
36) 1,1-Dichloropropene	8.377	75	68743	18.842	ug/l	99
37) Ethyl Acetate	7.565	43	57651	19.672	ug/l	97
38) Carbon Tetrachloride	8.371	117	77989	19.099	ug/l	99
39) Methylcyclohexane	9.606	83	80958	18.393	ug/l	96
40) Benzene	8.612	78	210197	18.673	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	32415	21.280	ug/l	96
42) 1,2-Dichloroethane	8.677	62	71798	19.185	ug/l	99
43) Isopropyl Acetate	8.694	43	94979	19.647	ug/l	99
44) Trichloroethene	9.353	130	58189	18.349	ug/l	92
45) 1,2-Dichloropropane	9.629	63	52333	19.105	ug/l	99
46) Dibromomethane	9.712	93	37514	18.464	ug/l	94
47) Bromodichloromethane	9.894	83	76652	19.239	ug/l	99
48) Methyl methacrylate	9.682	41	44915	20.629	ug/l	98
49) 1,4-Dioxane	9.700	88	20694	386.608	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	303872	103.940	ug/l	98
52) Toluene	10.629	92	141463	19.296	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	76589	19.638	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	84793	19.802	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	56346	19.581	ug/l	98
56) Ethyl methacrylate	10.876	69	78239	20.470	ug/l	98
57) 1,3-Dichloropropane	11.165	76	93085	19.721	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	102434	84.177	ug/l	99
59) 2-Hexanone	11.200	43	222080	104.164	ug/l	99
60) Dibromochloromethane	11.359	129	62946	19.670	ug/l	99
61) 1,2-Dibromoethane	11.476	107	56181	19.293	ug/l	97
64) Tetrachloroethene	11.106	164	56291	20.559	ug/l	97
65) Chlorobenzene	11.894	112	154465	19.341	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	59227	20.022	ug/l	98
67) Ethyl Benzene	11.965	91	269749	20.013	ug/l	98
68) m/p-Xylenes	12.070	106	216213	40.528	ug/l	100
69) o-Xylene	12.400	106	108101	20.476	ug/l	99
70) Styrene	12.412	104	169037	20.137	ug/l	98
71) Bromoform	12.576	173	44931	20.874	ug/l #	99
73) Isopropylbenzene	12.700	105	276554	20.876	ug/l	98
74) N-amyl acetate	12.500	43	80047	20.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	82346	20.107	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71739m	19.413	ug/l	
77) Bromobenzene	12.982	156	67119	20.020	ug/l	97
78) n-propylbenzene	13.041	91	314401	21.517	ug/l	99
79) 2-Chlorotoluene	13.129	91	189510	20.778	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	237897	21.456	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21231	20.680	ug/l	96
82) 4-Chlorotoluene	13.129	91	189510	20.778	ug/l	99
83) tert-Butylbenzene	13.441	119	217641	22.263	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	237886	21.627	ug/l	99
85) sec-Butylbenzene	13.623	105	294211	21.805	ug/l	98
86) p-Isopropyltoluene	13.735	119	243551	21.693	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	124215	20.057	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	122417	19.350	ug/l	98
89) n-Butylbenzene	14.059	91	188446	20.719	ug/l	99
90) Hexachloroethane	14.341	117	41673	20.750	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	125109	20.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13931	19.171	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	59026	19.545	ug/l	97
94) Hexachlorobutadiene	15.506	225	33615	20.401	ug/l	100
95) Naphthalene	15.647	128	166935	18.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	55893	19.801	ug/l	97

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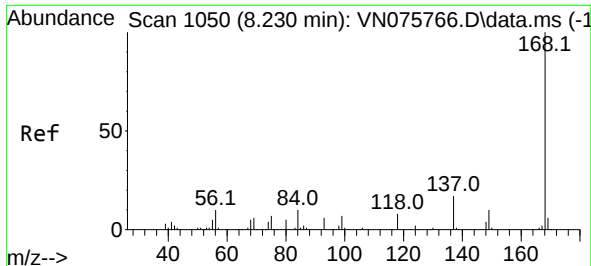
Manual Integrations
APPROVED

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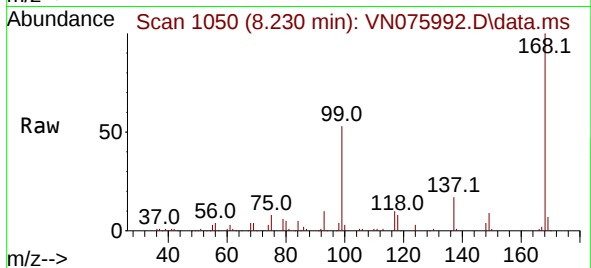
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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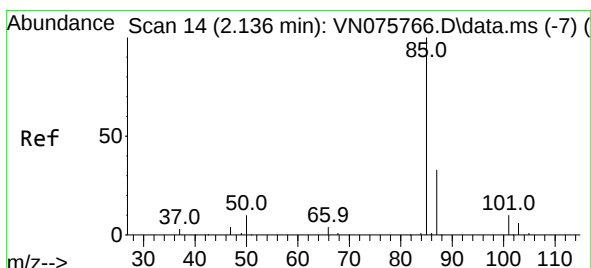
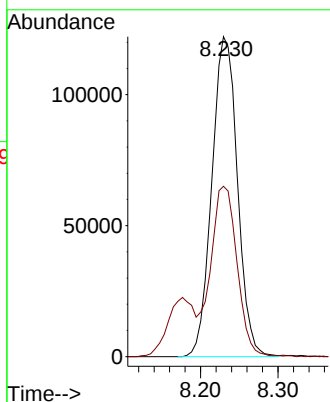
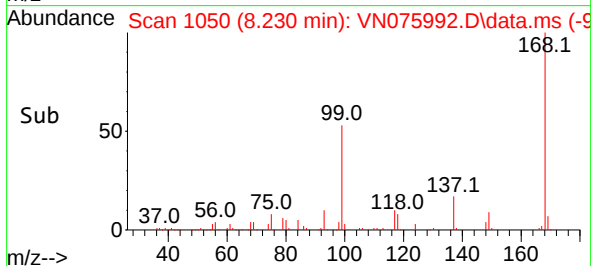
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion:168 Resp: 28038
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4

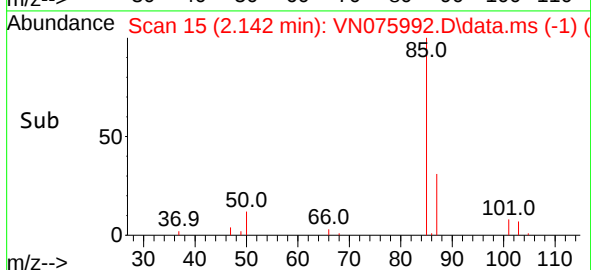
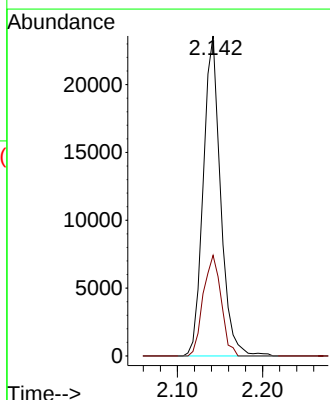
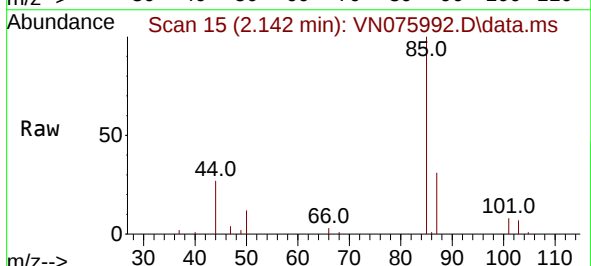
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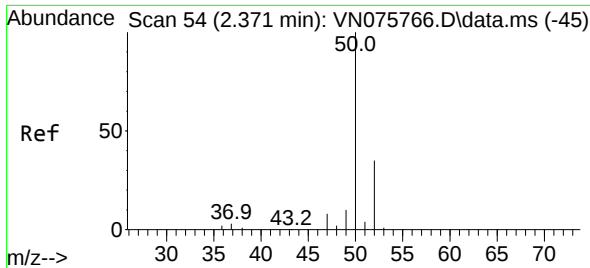
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#2
Dichlorodifluoromethane
Concen: 16.742 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 85 Resp: 33330
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





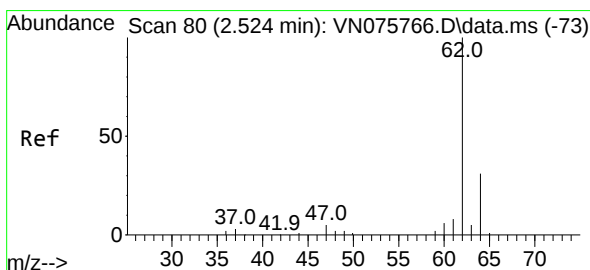
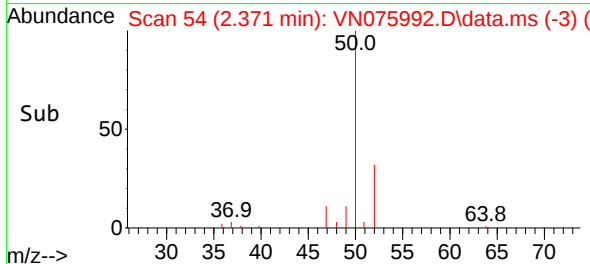
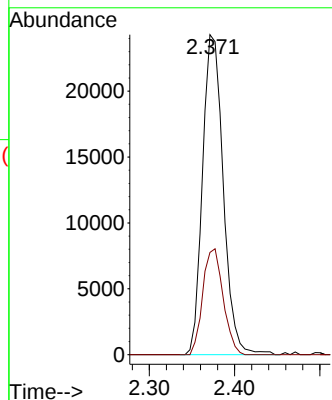
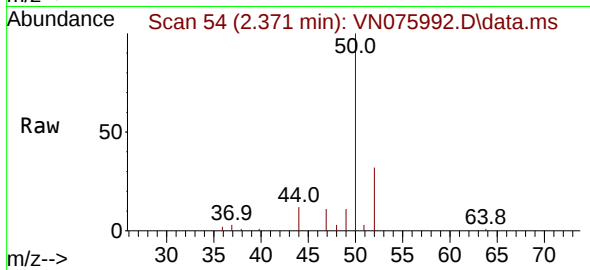
#3
Chloromethane
Concen: 16.581 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075992.D
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Tgt Ion: 50 Resp: 41040
Ion Ratio Lower Upper
50 100
52 32.0 27.7 41.5

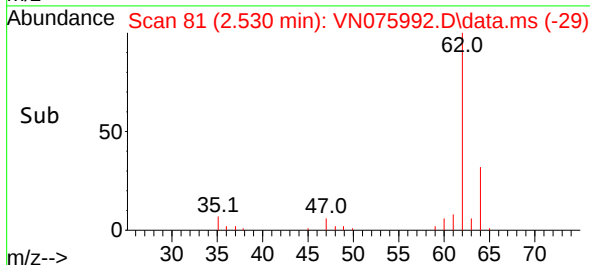
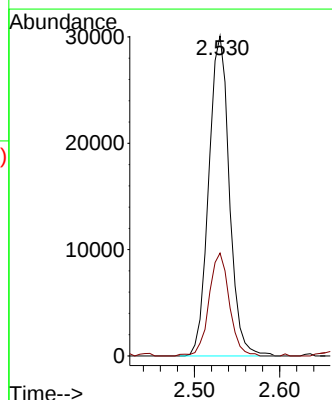
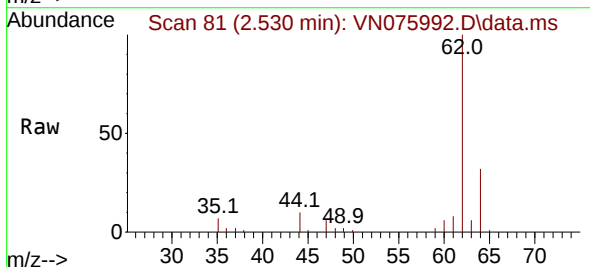
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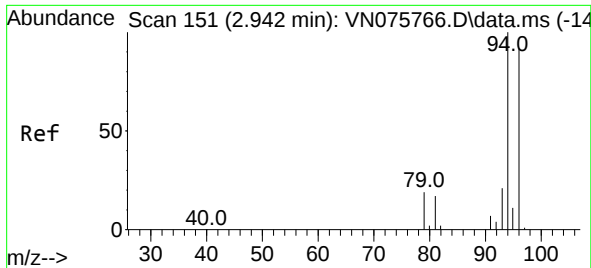
Reviewed By :Semsettin Yesilyurt 12/29/2022
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#4
Vinyl Chloride
Concen: 17.104 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 62 Resp: 50506
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





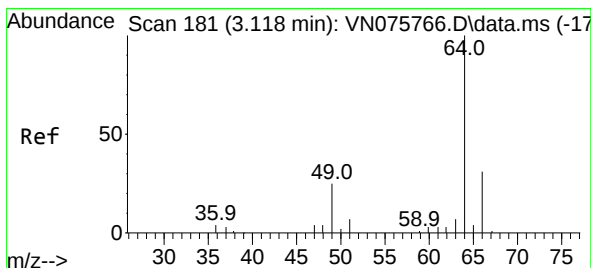
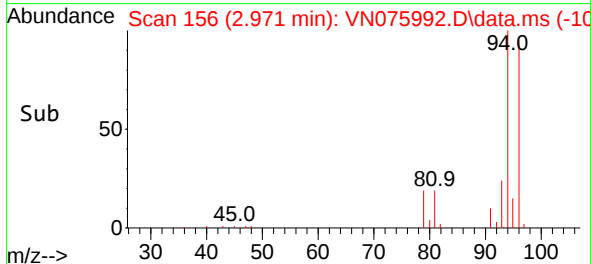
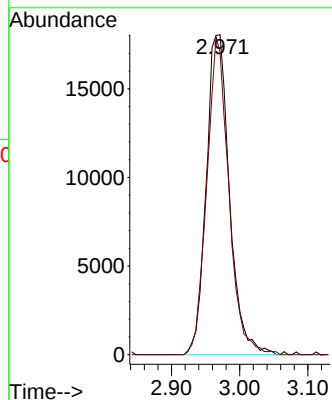
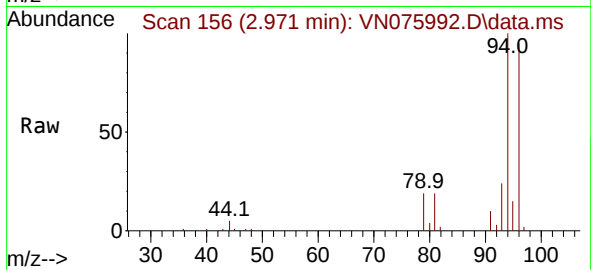
#5
Bromomethane
Concen: 17.080 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
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Tgt Ion: 94 Resp: 42864
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.6

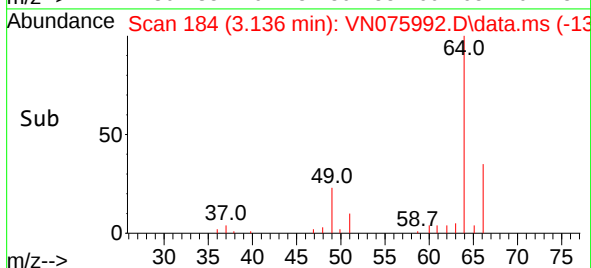
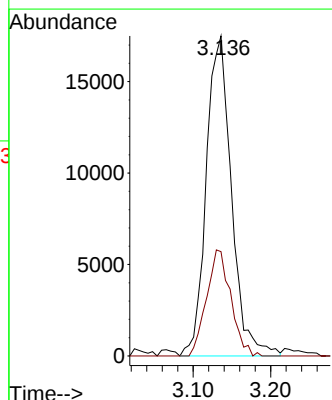
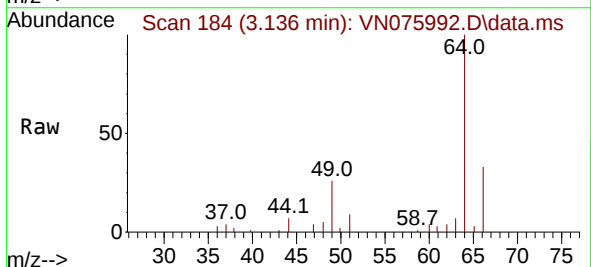
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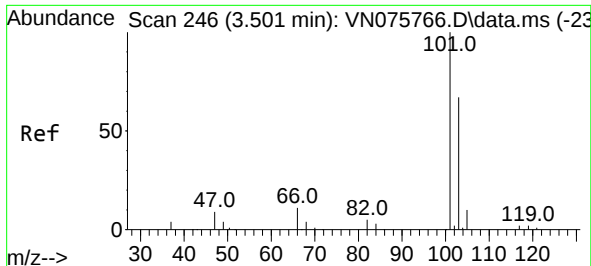
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#6
Chloroethane
Concen: 18.089 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 64 Resp: 39555
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8





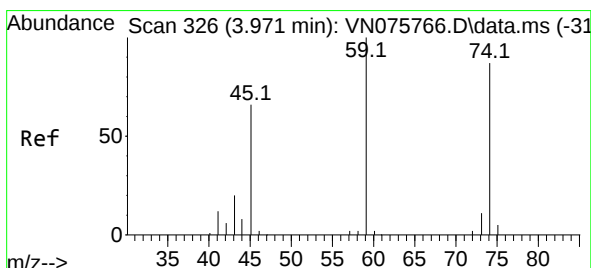
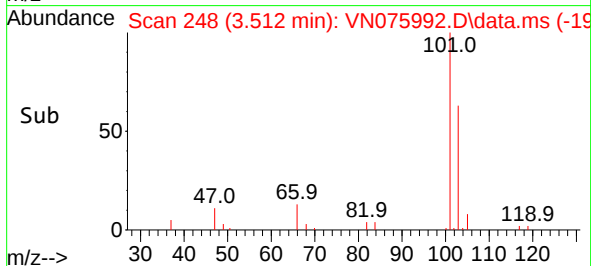
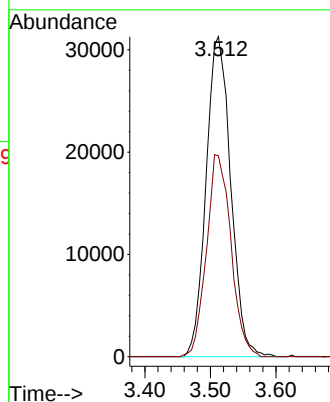
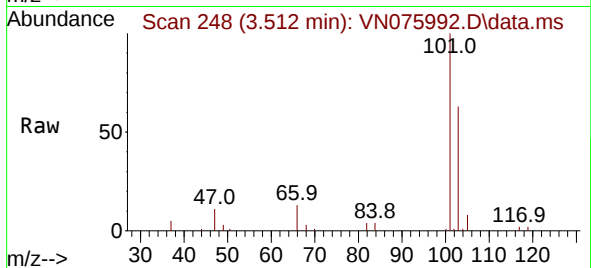
#7
Trichlorofluoromethane
Concen: 18.250 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:101 Resp: 8177
Ion Ratio Lower Upper
101 100
103 62.7 53.4 80.2

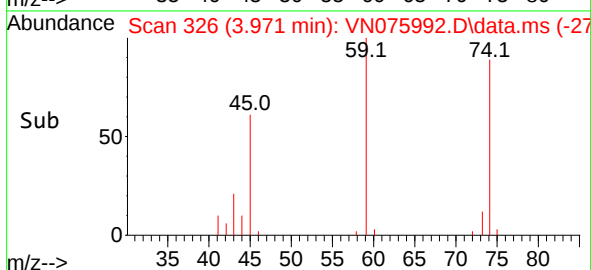
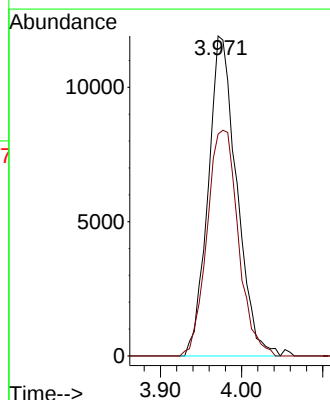
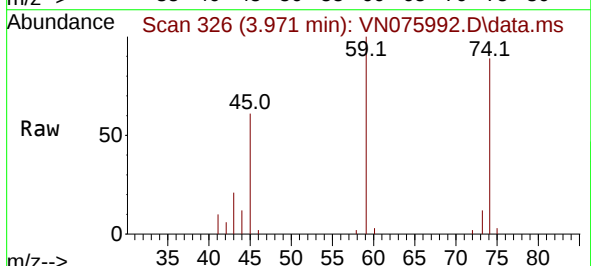
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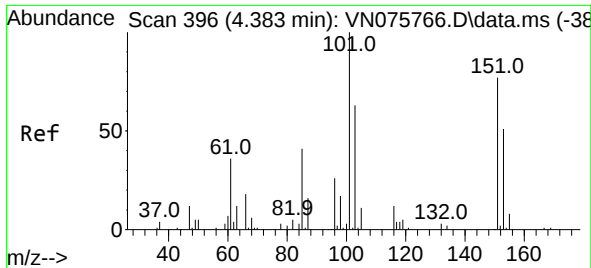
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#8
Diethyl Ether
Concen: 17.825 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 74 Resp: 29172
Ion Ratio Lower Upper
74 100
45 77.1 37.8 113.4





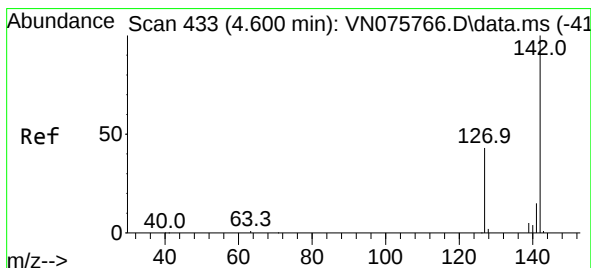
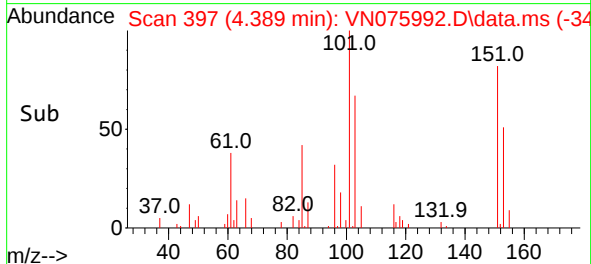
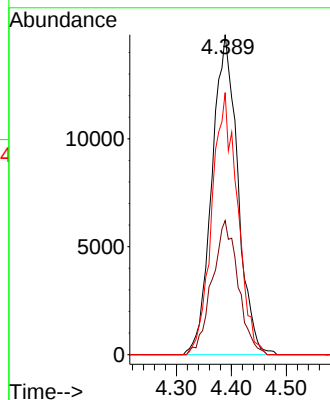
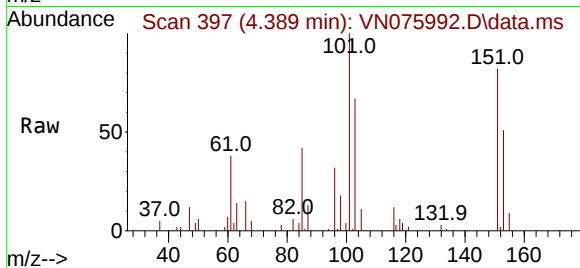
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.940 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:101 Resp: 4846
Ion Ratio Lower Upper
101 100
85 42.2 35.3 52.9
151 80.8 65.6 98.4

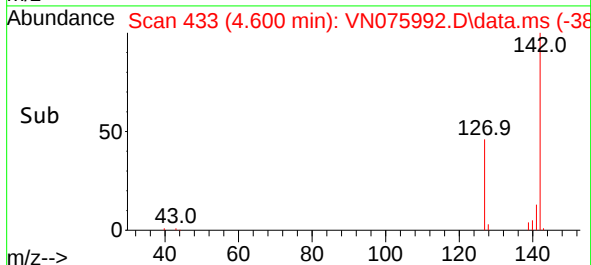
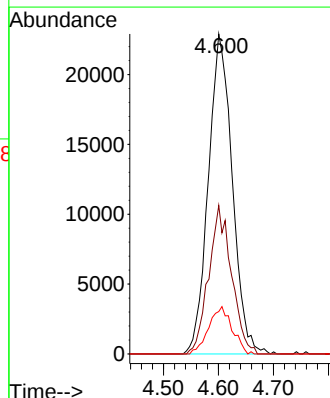
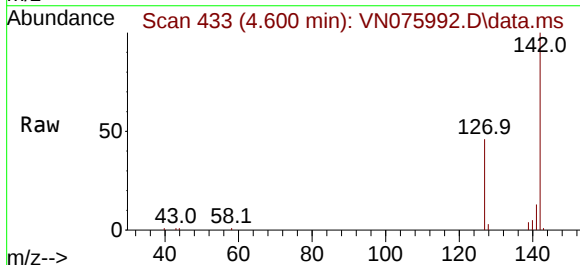
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#10
Methyl Iodide
Concen: 16.710 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:142 Resp: 69387
Ion Ratio Lower Upper
142 100
127 44.2 34.7 52.1
141 14.5 11.4 17.2





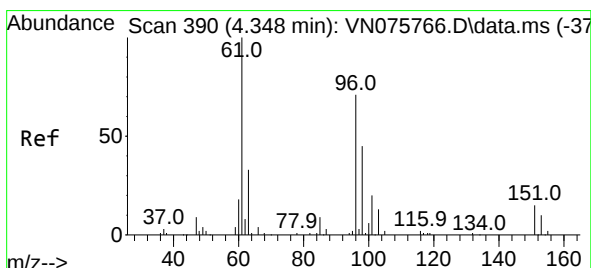
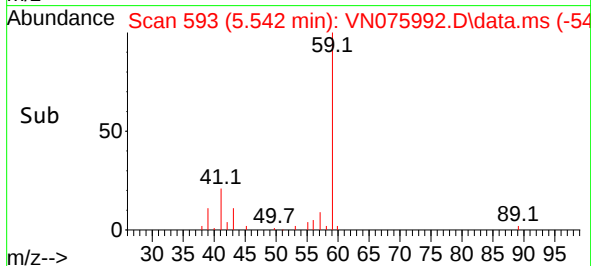
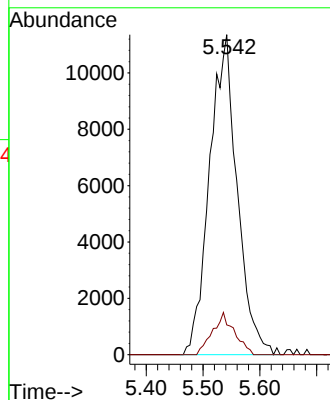
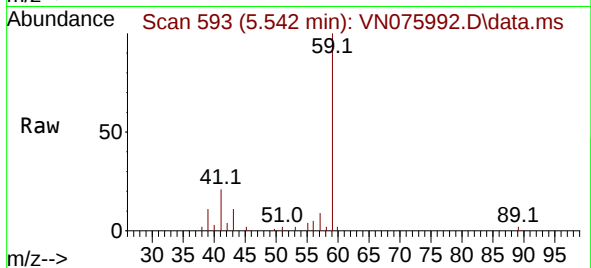
#11
Tert butyl alcohol
Concen: 89.184 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 59 Resp: 3849
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

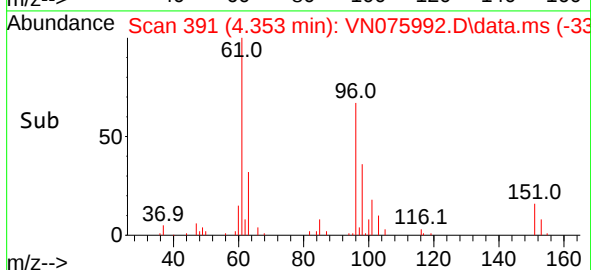
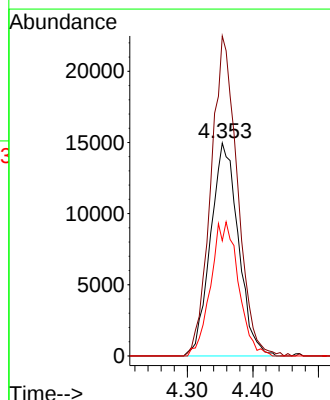
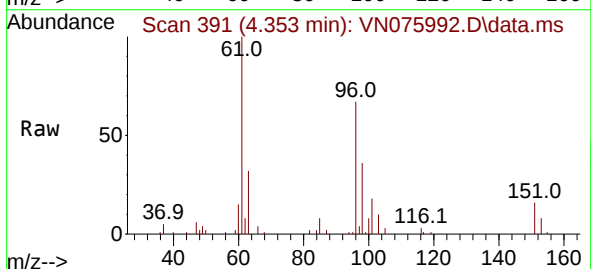
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#12
1,1-Dichloroethene
Concen: 17.728 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

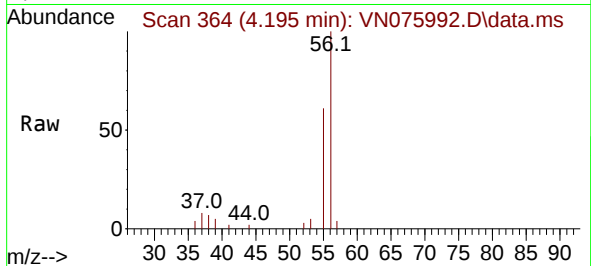
Tgt Ion: 96 Resp: 44055
Ion Ratio Lower Upper
96 100
61 150.3 113.3 169.9
98 54.1 50.9 76.3





#13
Acrolein
Concen: 93.684 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

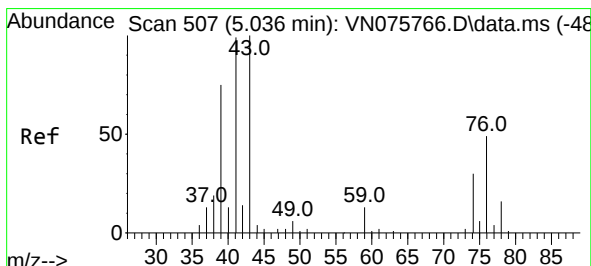
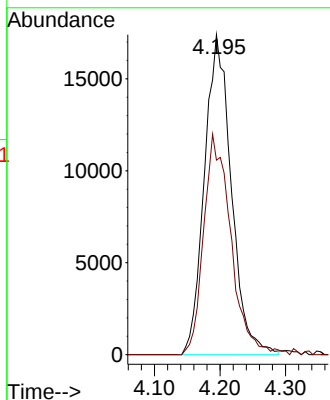
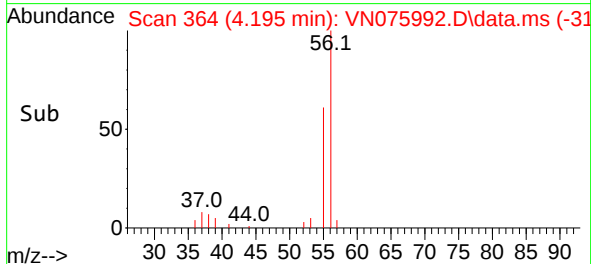
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 56 Resp: 49572
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2

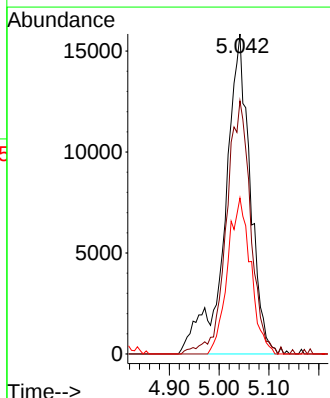
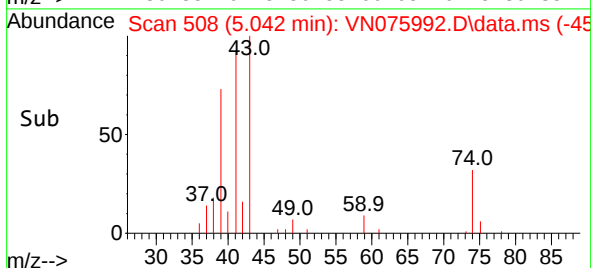
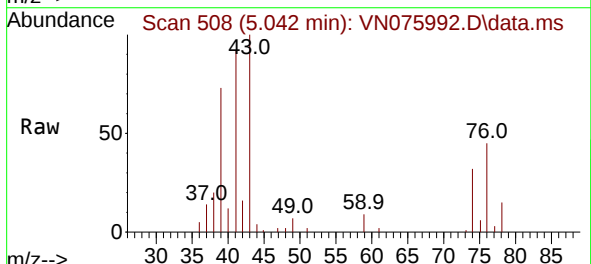
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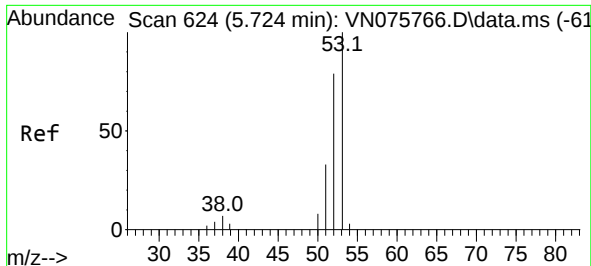
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#14
Allyl chloride
Concen: 19.145 ug/l m
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

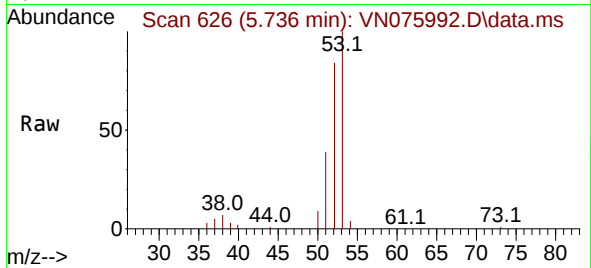
Tgt Ion: 41 Resp: 55616
Ion Ratio Lower Upper
41 100
39 76.3 58.3 87.5
76 44.7 35.8 53.6





#15
Acrylonitrile
Concen: 93.883 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

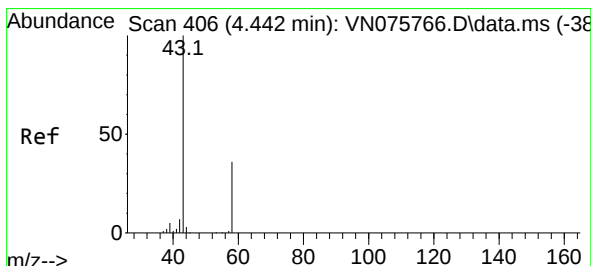
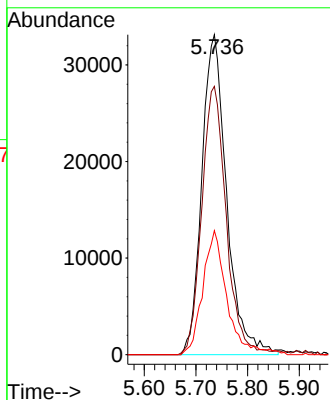
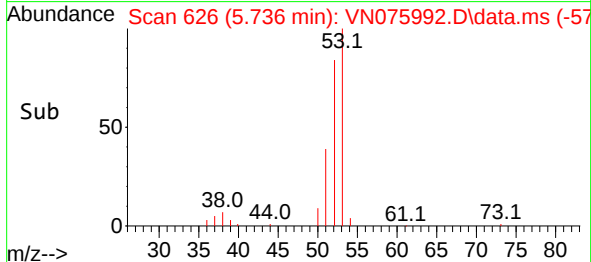
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 53 Resp: 110579
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.0
51 37.7 28.9 43.3

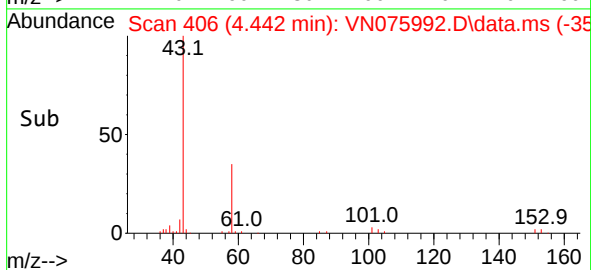
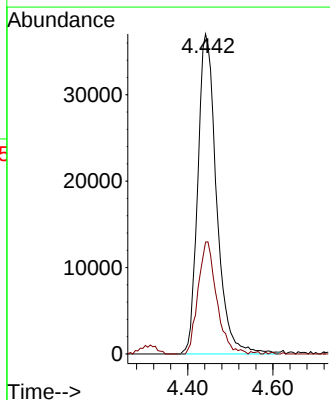
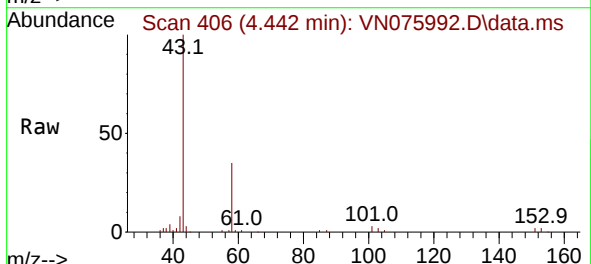
Manual Integrations
APPROVED

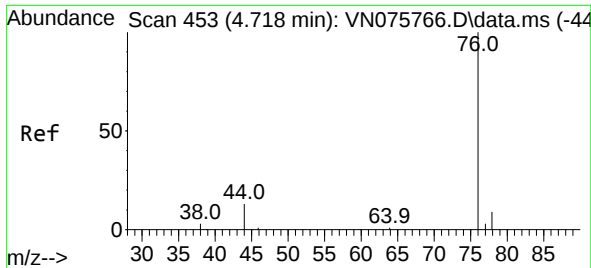
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#16
Acetone
Concen: 107.495 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 43 Resp: 113030
Ion Ratio Lower Upper
43 100
58 35.0 28.6 43.0





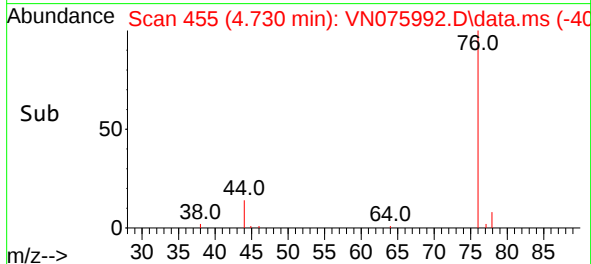
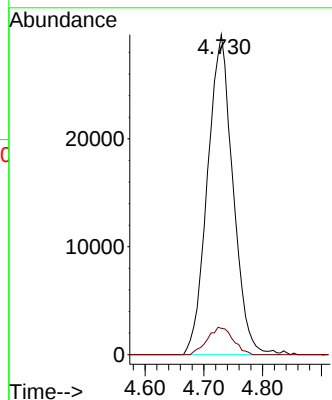
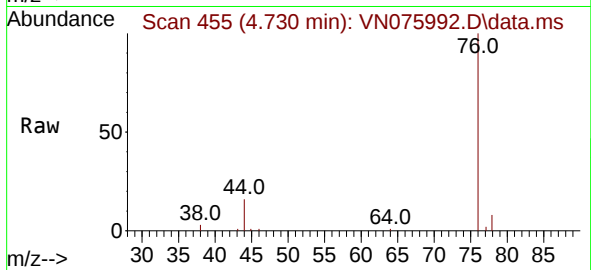
#17
Carbon Disulfide
Concen: 14.846 ug/l
RT: 4.730 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 76 Resp: 8932
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

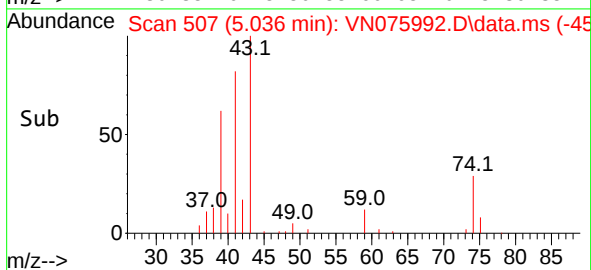
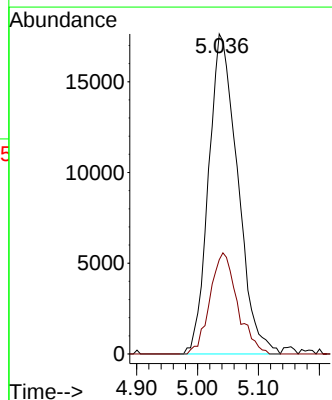
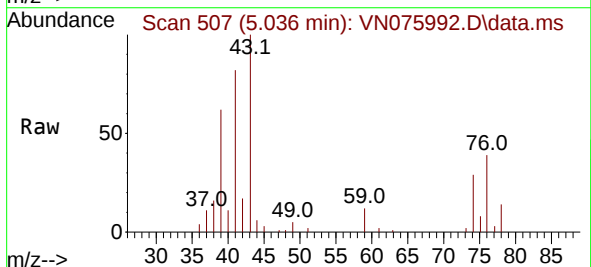
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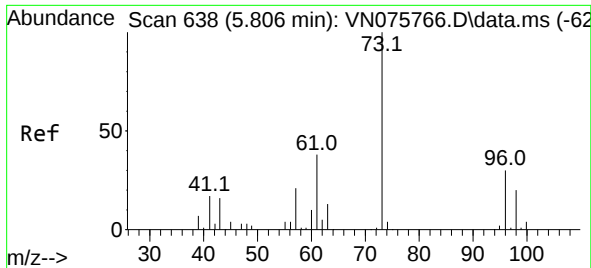
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#18
Methyl Acetate
Concen: 18.803 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 43 Resp: 58441
Ion Ratio Lower Upper
43 100
74 29.9 23.6 35.4





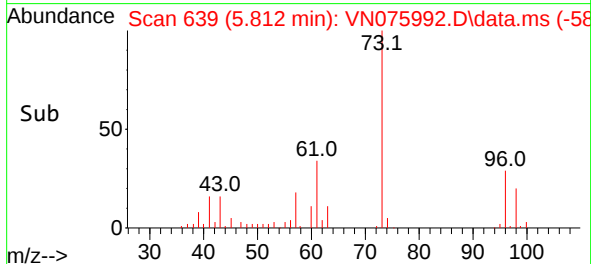
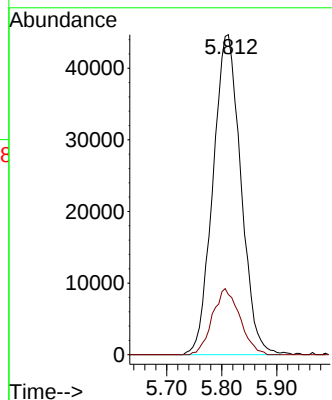
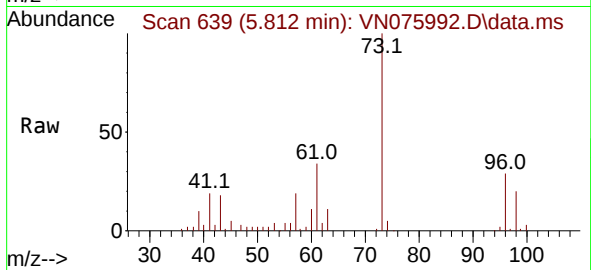
#19
Methyl tert-butyl Ether
Concen: 19.247 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 73 Resp: 157499
Ion Ratio Lower Upper
73 100
57 18.8 17.1 25.7

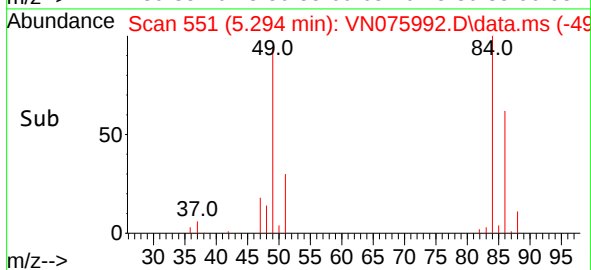
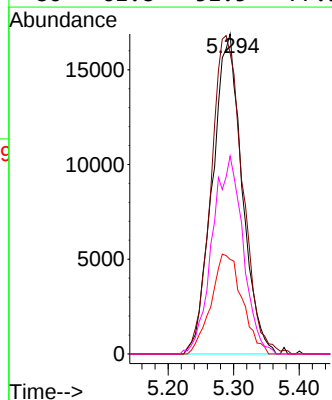
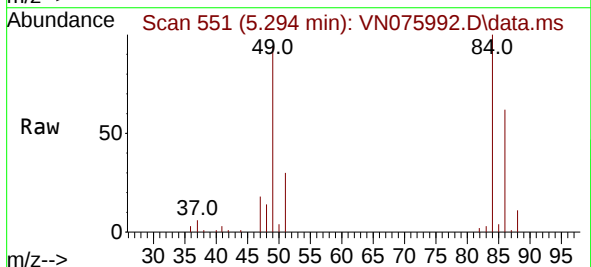
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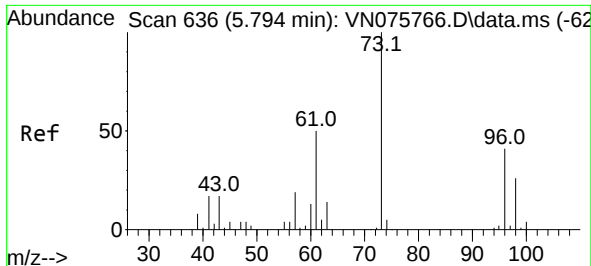
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#20
Methylene Chloride
Concen: 18.430 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 84 Resp: 52977
Ion Ratio Lower Upper
84 100
49 93.9 81.8 122.6
51 29.6 26.7 40.1
86 61.8 51.5 77.3





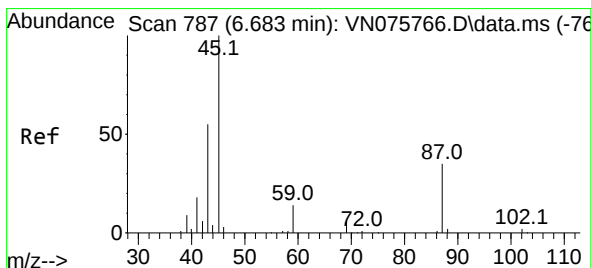
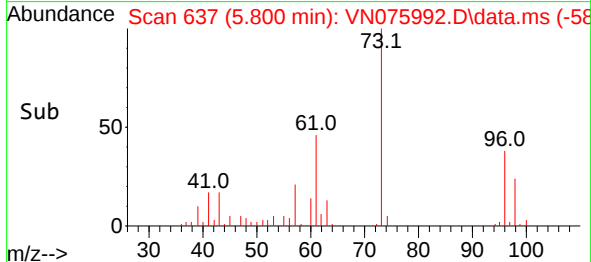
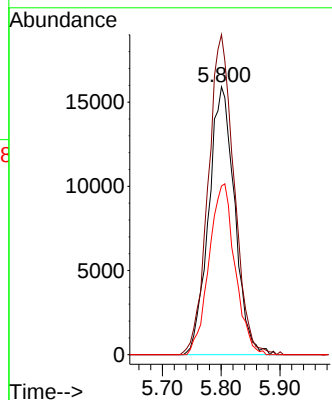
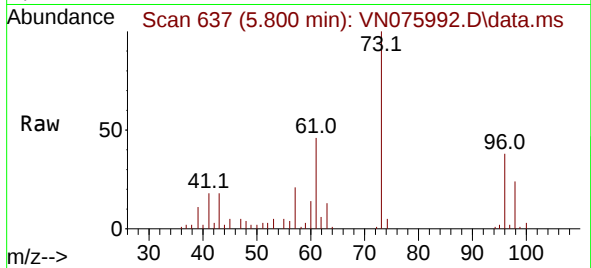
#21
trans-1,2-Dichloroethene
Concen: 17.921 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 96 Resp: 48772
Ion Ratio Lower Upper
96 100
61 119.4 98.1 147.1
98 62.9 51.4 77.2

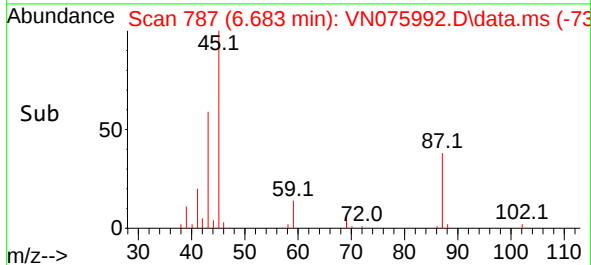
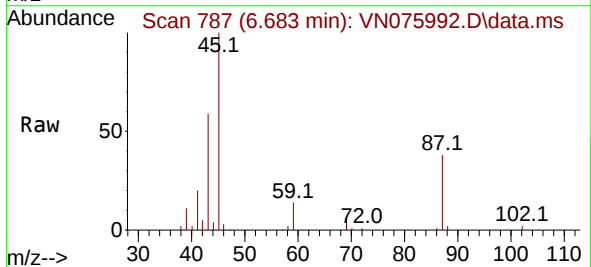
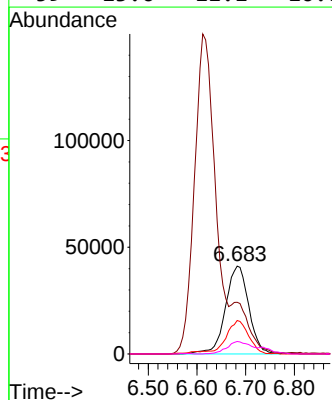
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#22
Diisopropyl ether
Concen: 19.341 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 45 Resp: 136483
Ion Ratio Lower Upper
45 100
43 57.1 44.2 66.4
87 38.0 28.3 42.5
59 13.6 11.1 16.7





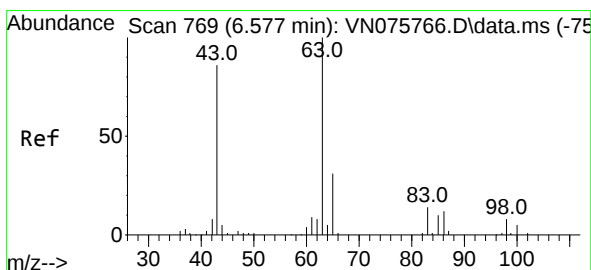
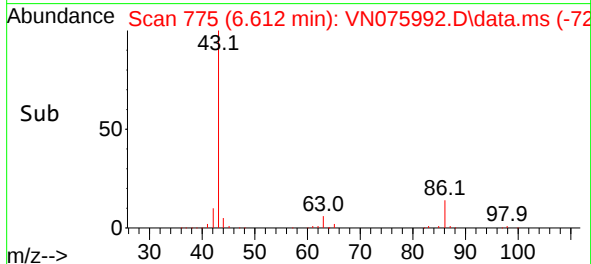
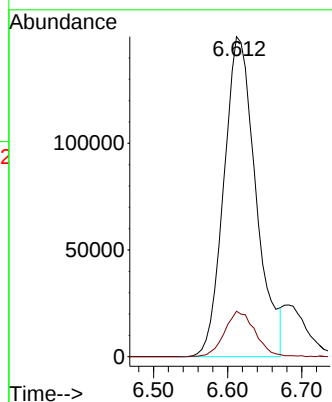
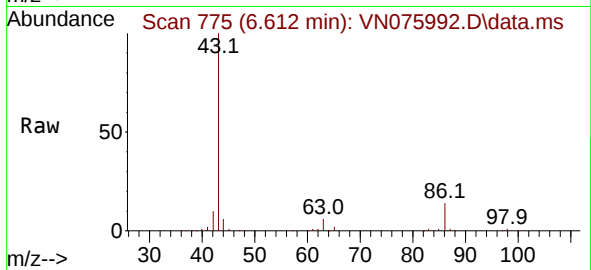
#23
 Vinyl Acetate
 Concen: 94.854 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Tgt Ion: 43 Resp: 450538
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.4 17.2

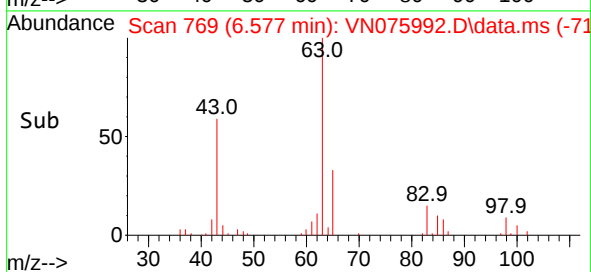
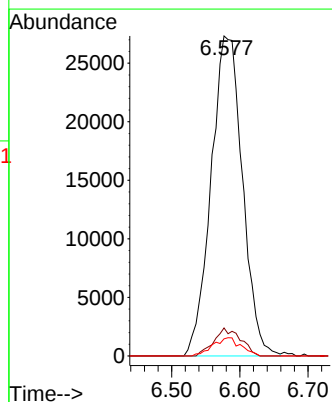
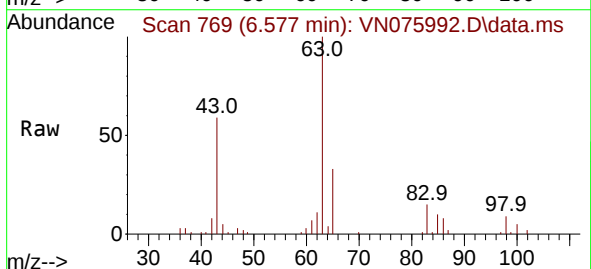
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 Supervised By :Mahesh Dadoda 12/31/2022



#24
 1,1-Dichloroethane
 Concen: 18.600 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

Tgt Ion: 63 Resp: 87538
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 5.3 2.5 7.6





#25

2-Butanone

Concen: 100.727 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 43 Resp: 14829

Ion Ratio Lower Upper

43 100

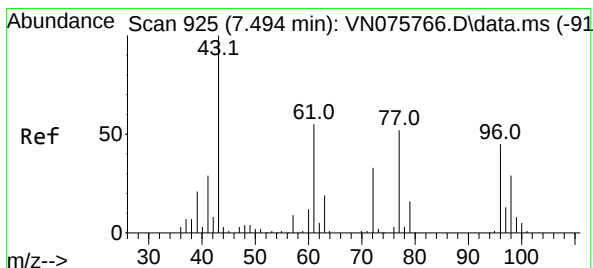
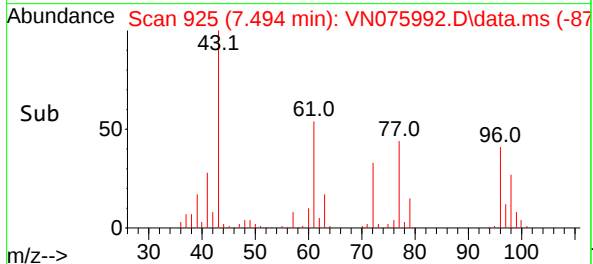
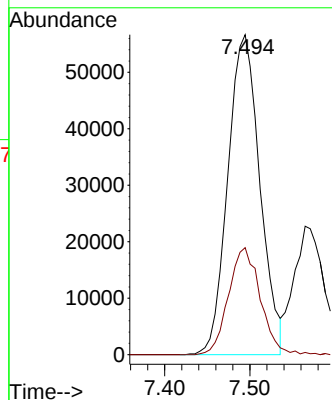
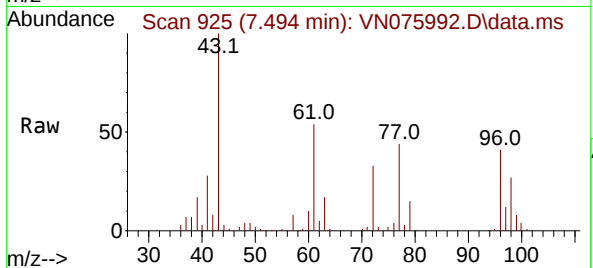
72 33.5 28.0 42.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#26

2,2-Dichloropropane

Concen: 19.279 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075992.D

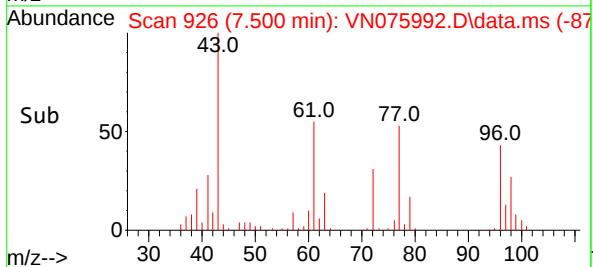
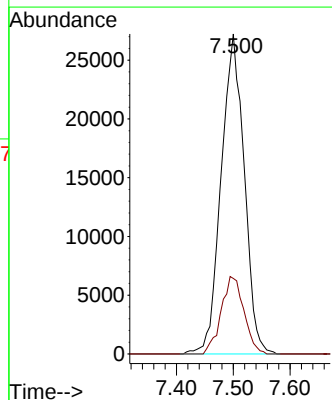
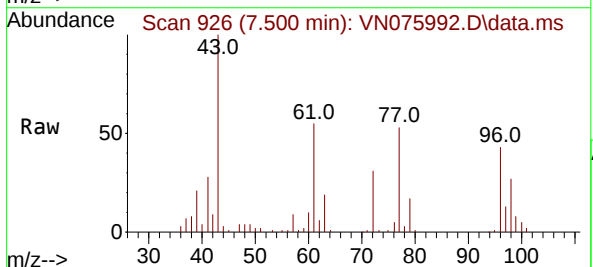
Acq: 28 Dec 2022 11:59

Tgt Ion: 77 Resp: 76836

Ion Ratio Lower Upper

77 100

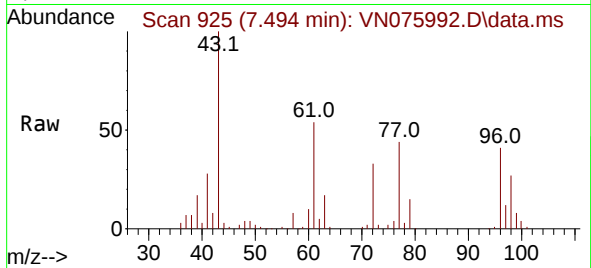
97 23.8 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.463 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

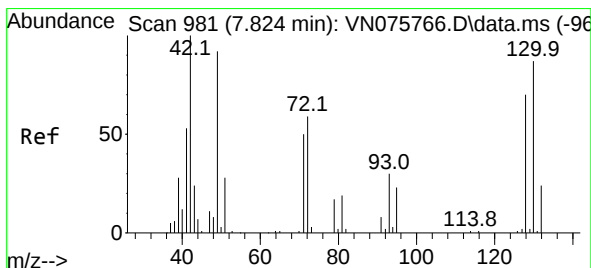
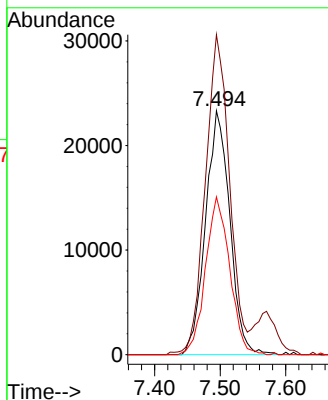
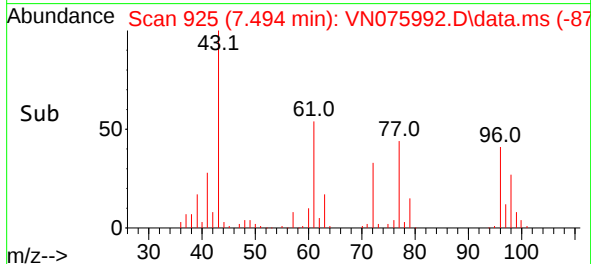
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01



Tgt Ion: 96 Resp: 6009
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 247.8
 98 64.3 0.0 128.4

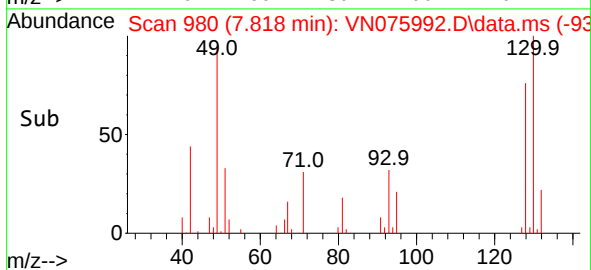
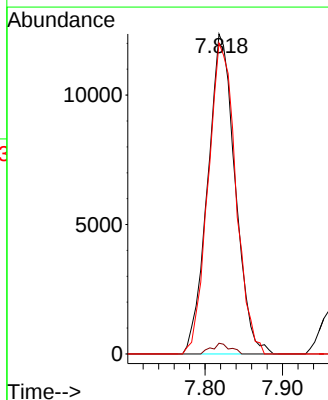
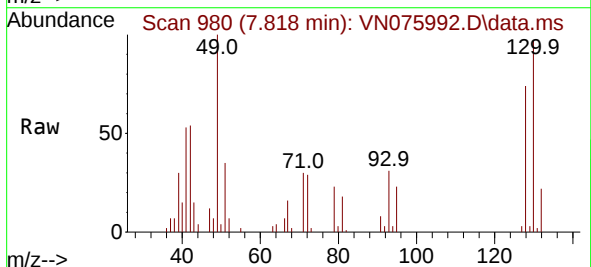
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022



#28
 Bromochloromethane
 Concen: 14.799 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

Tgt Ion: 49 Resp: 30528
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 97.5 77.0 115.4





#29

Tetrahydrofuran

Concen: 96.861 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 42 Resp: 89368

Ion Ratio Lower Upper

42 100

72 55.0 44.5 66.7

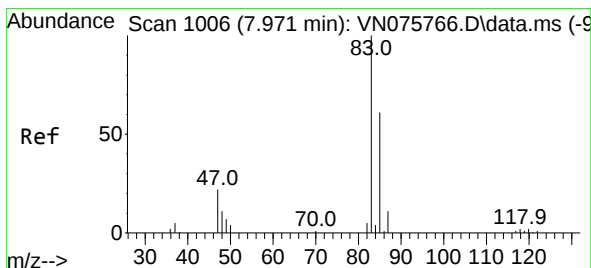
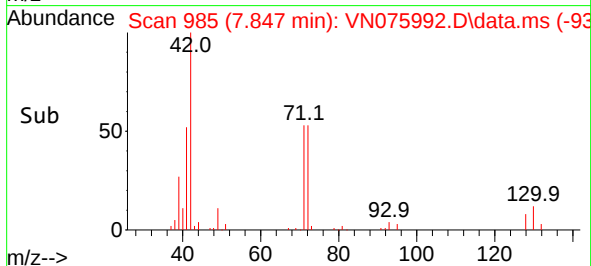
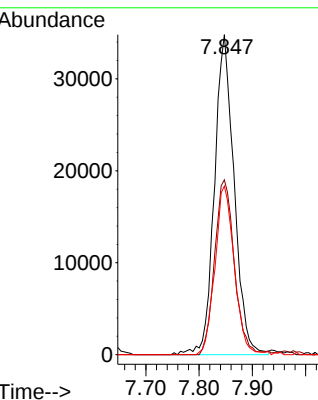
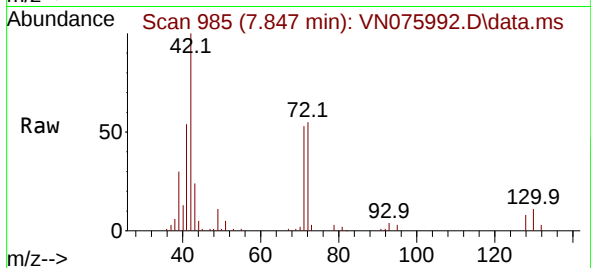
71 51.8 41.0 61.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#30

Chloroform

Concen: 18.582 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075992.D

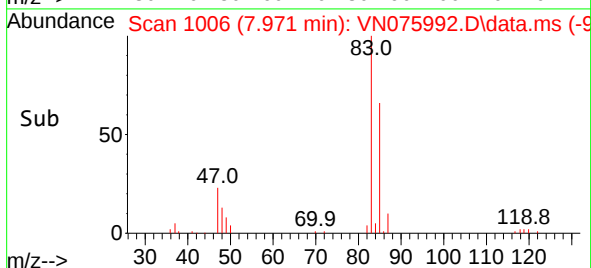
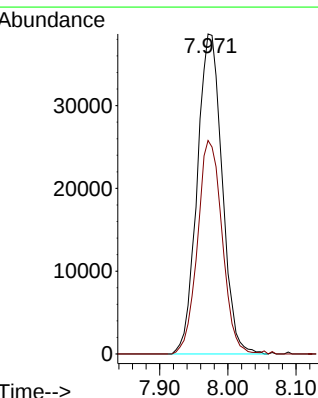
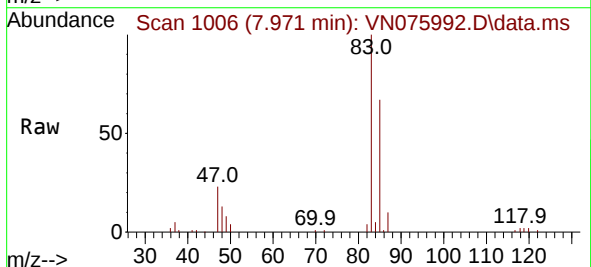
Acq: 28 Dec 2022 11:59

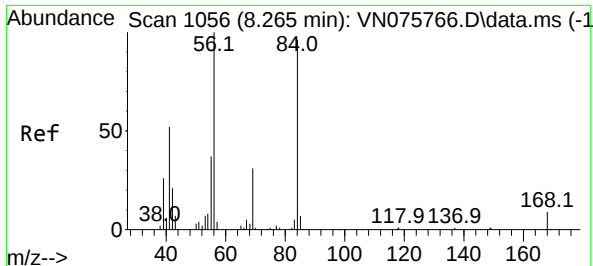
Tgt Ion: 83 Resp: 98464

Ion Ratio Lower Upper

83 100

85 66.7 49.1 73.7





#31

Cyclohexane

Concen: 16.935 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

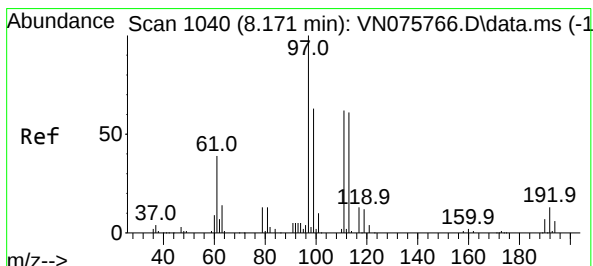
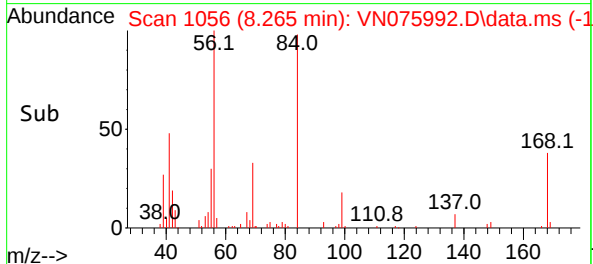
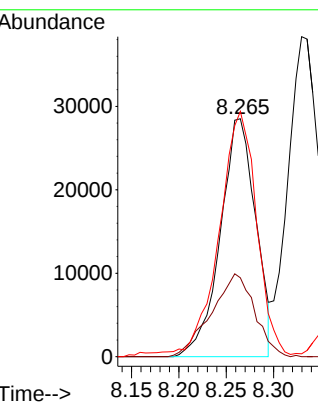
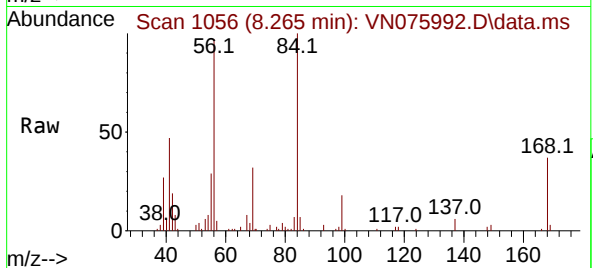
VN1228WBS01

Tgt Ion: 56	Resp: 7398
Ion Ratio	Lower Upper
56	100
69	33.1 24.7 37.1
84	101.1 76.5 114.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#32

1,1,1-Trichloroethane

Concen: 18.979 ug/l

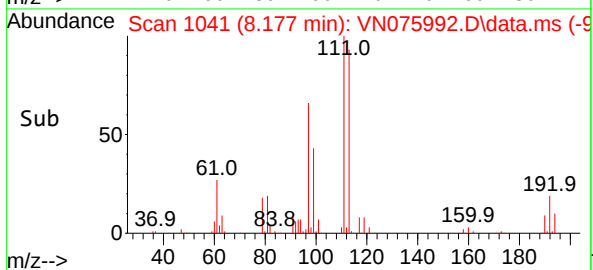
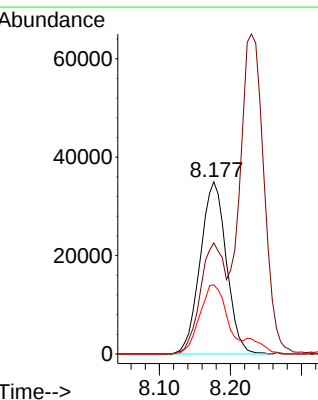
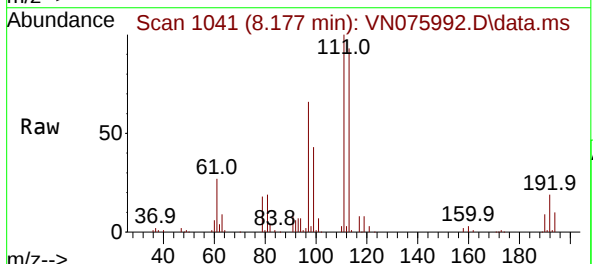
RT: 8.177 min Scan# 1041

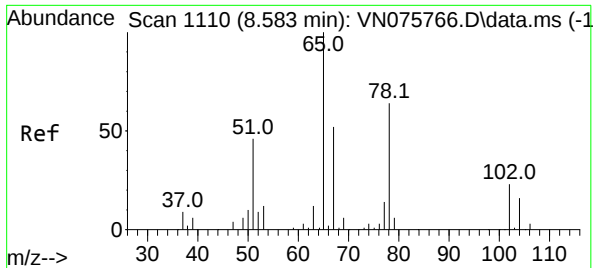
Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Tgt Ion: 97	Resp: 89159
Ion Ratio	Lower Upper
97	100
99	59.8 50.2 75.2
61	42.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.356 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 65 Resp: 132248

Ion Ratio Lower Upper

65 100

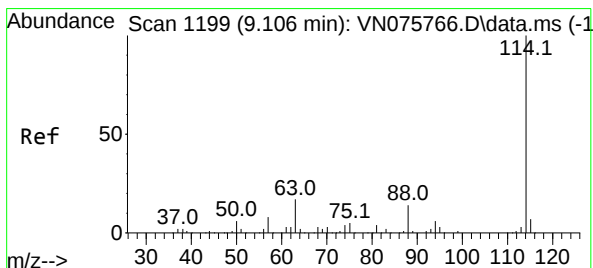
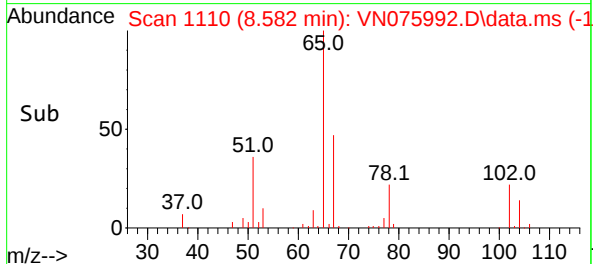
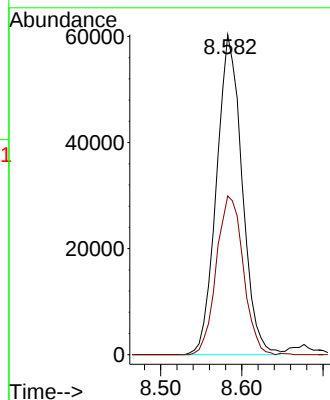
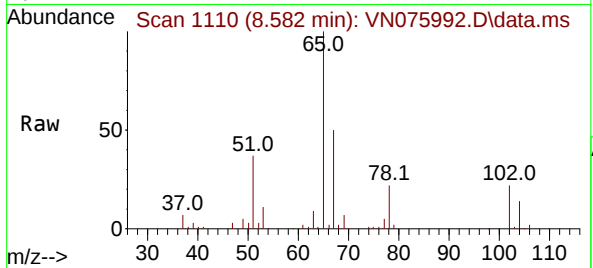
67 51.9 0.0 103.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

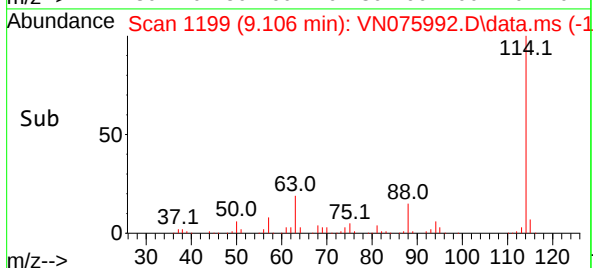
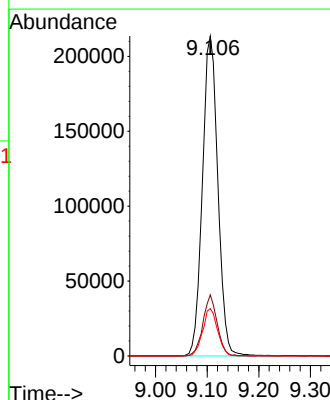
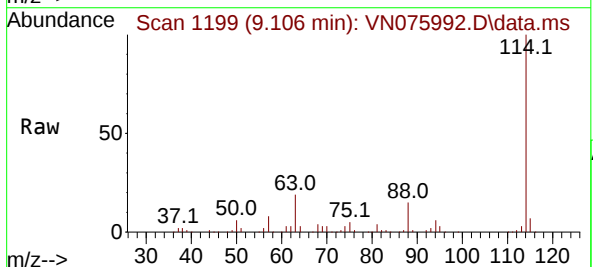
Tgt Ion:114 Resp: 443491

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 44.339 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

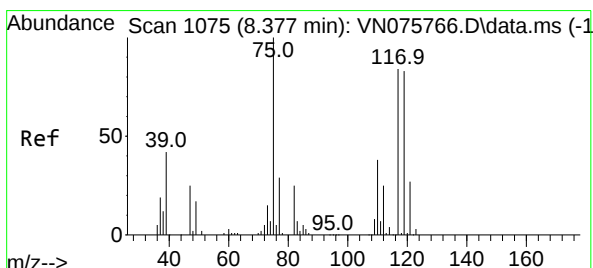
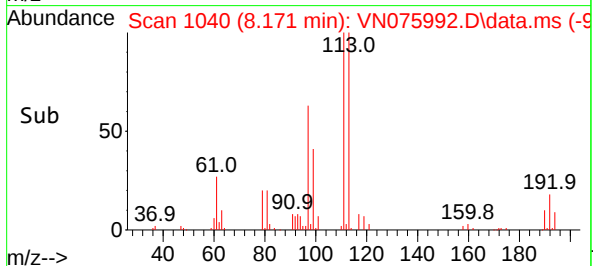
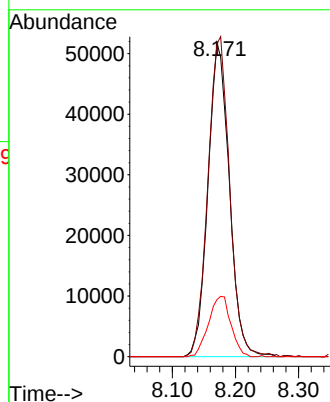
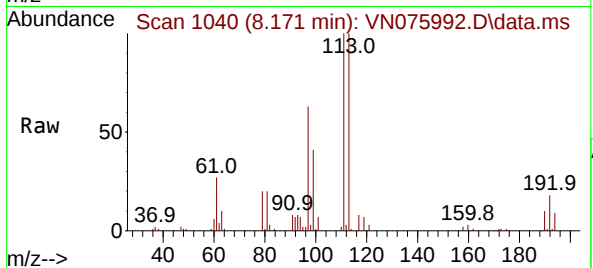
VN1228WBS01

Tgt Ion:	113	Resp:	12177
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.4	125.2
192	20.1	16.1	24.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#36

1,1-Dichloropropene

Concen: 18.842 ug/l

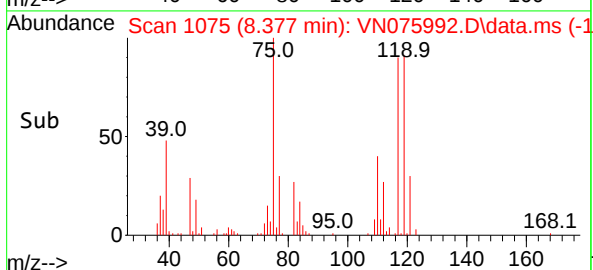
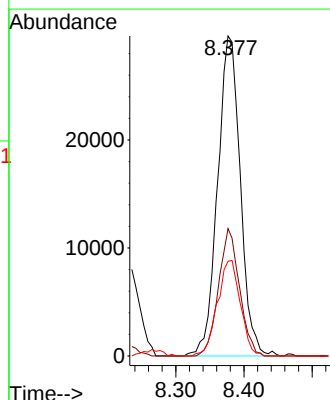
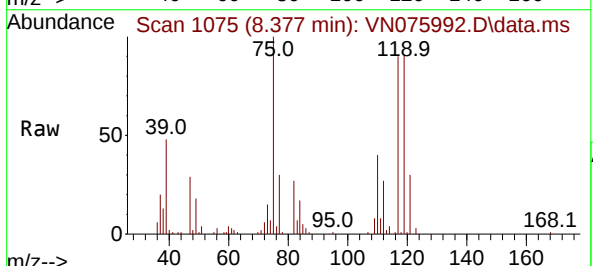
RT: 8.377 min Scan# 1075

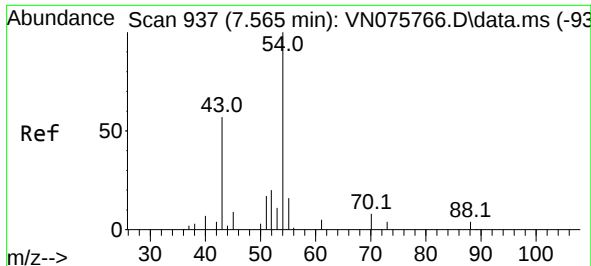
Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Tgt Ion:	75	Resp:	68743
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.8	56.4
77	30.1	24.1	36.1





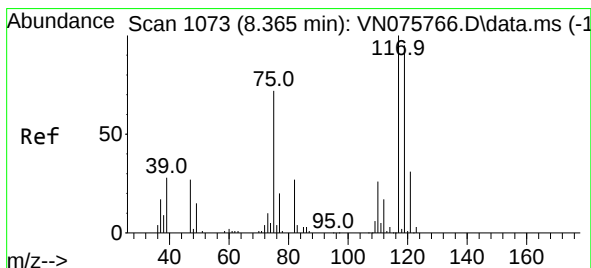
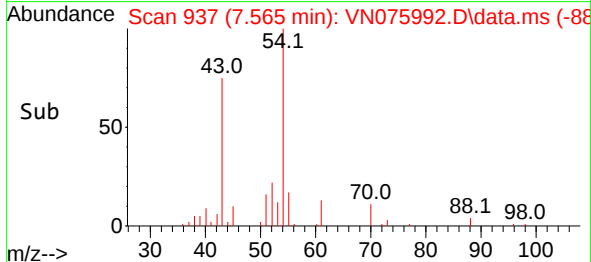
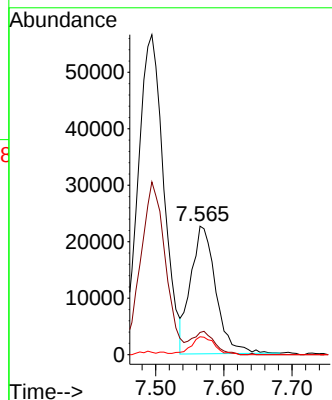
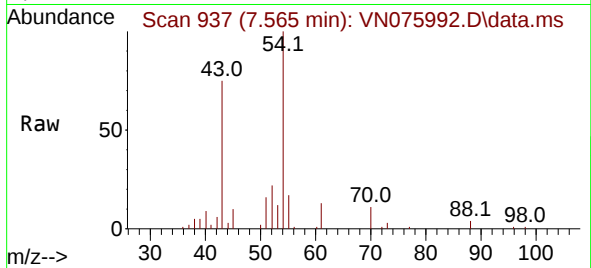
#37
Ethyl Acetate
Concen: 19.672 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 43 Resp: 5765
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 13.2 9.4 14.0

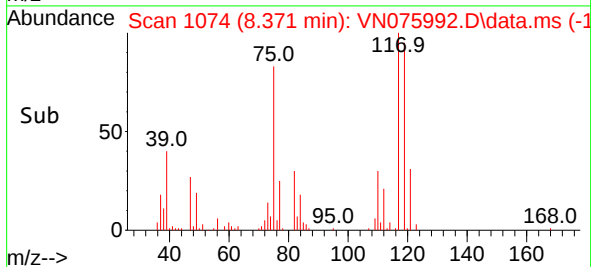
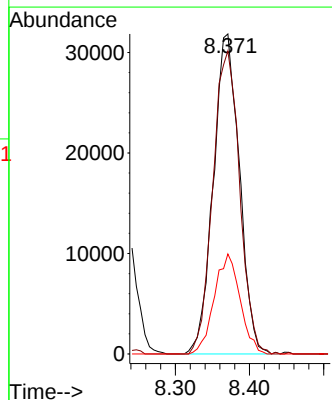
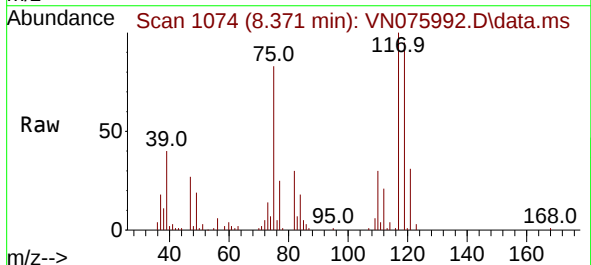
Manual Integrations
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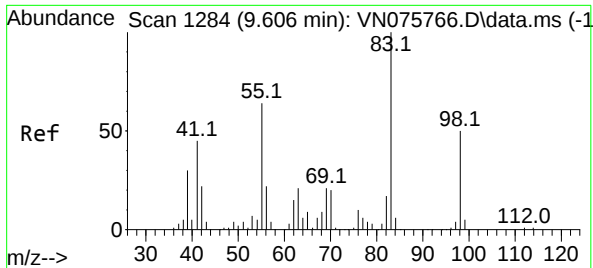
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#38
Carbon Tetrachloride
Concen: 19.099 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:117 Resp: 77989
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 31.2 24.5 36.7





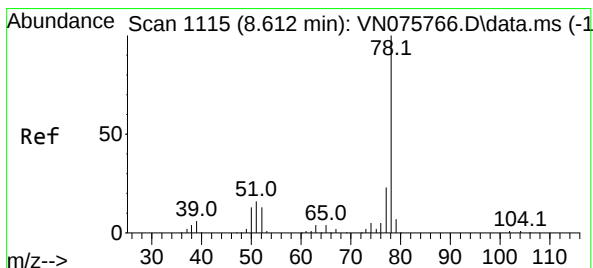
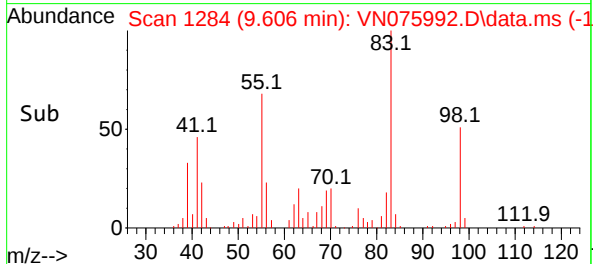
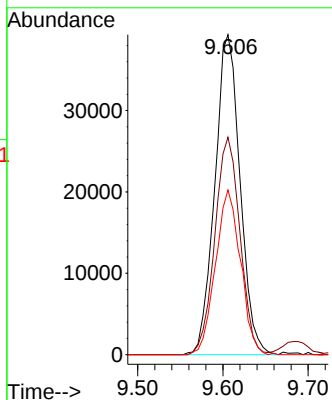
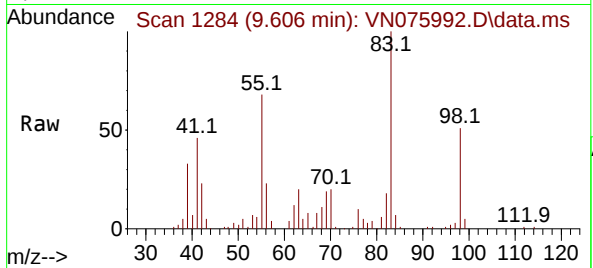
#39
Methylcyclohexane
Concen: 18.393 ug/l
RT: 9.606 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 83 Resp: 80958
Ion Ratio Lower Upper
83 100
55 68.0 51.4 77.0
98 51.5 39.8 59.8

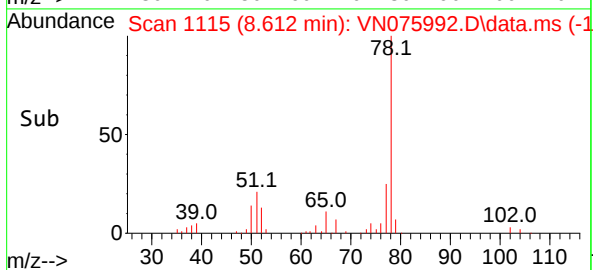
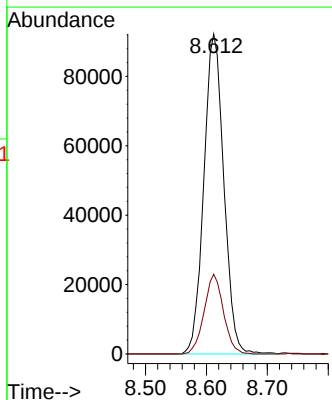
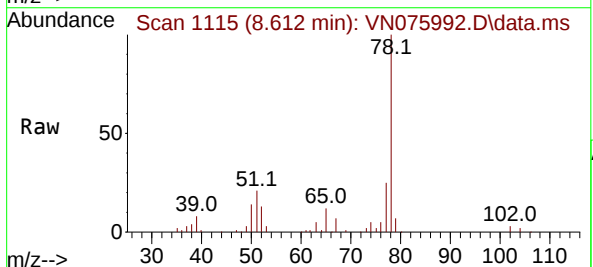
Manual Integrations
APPROVED

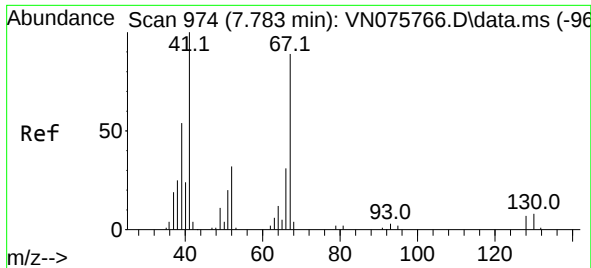
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#40
Benzene
Concen: 18.673 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 78 Resp: 210197
Ion Ratio Lower Upper
78 100
77 24.9 18.5 27.7





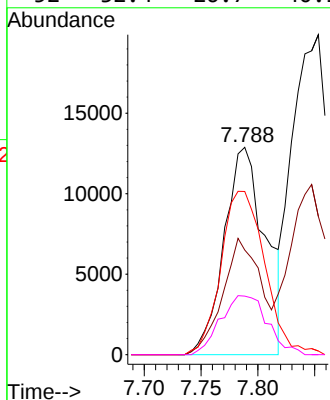
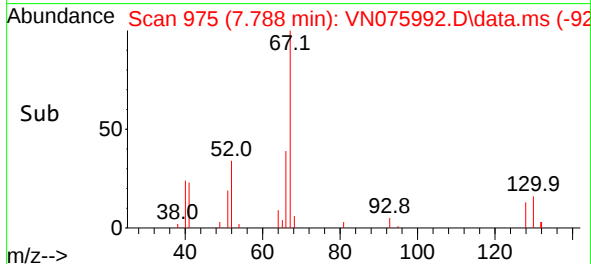
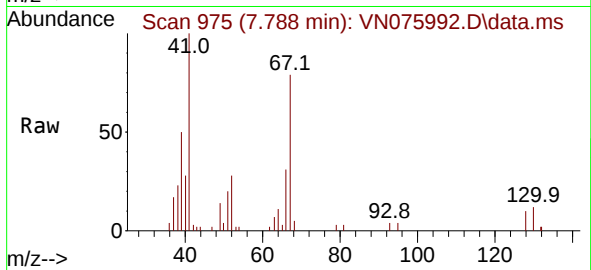
#41
Methacrylonitrile
Concen: 21.280 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:	41	Resp:	3241
Ion	Ratio	Lower	Upper
41	100		
39	51.7	43.1	64.7
67	84.3	70.7	106.1
52	32.4	26.7	40.1

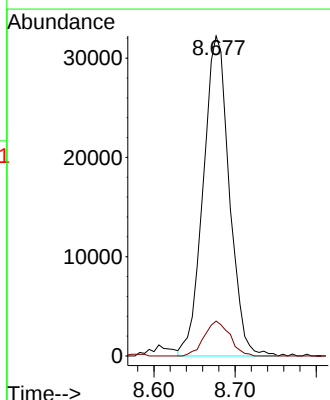
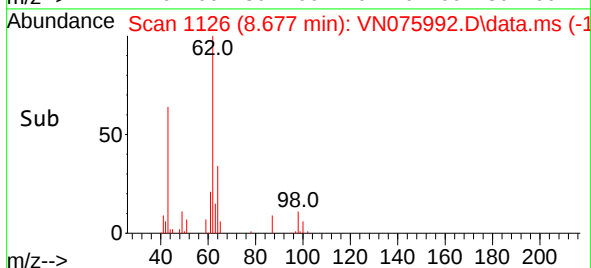
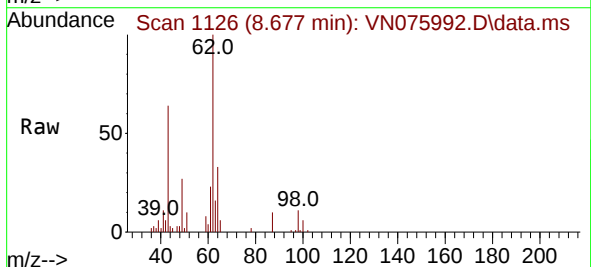
Manual Integrations
APPROVED

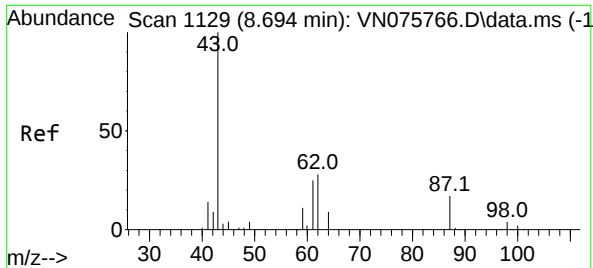
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#42
1,2-Dichloroethane
Concen: 19.185 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:	62	Resp:	71798
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8





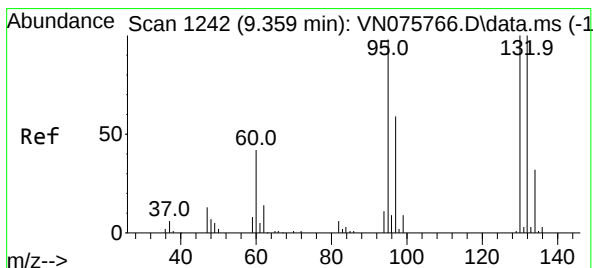
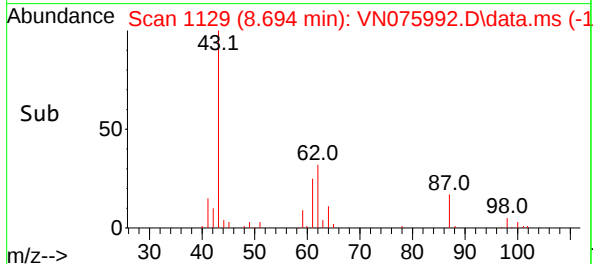
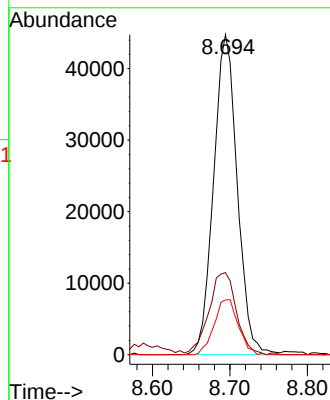
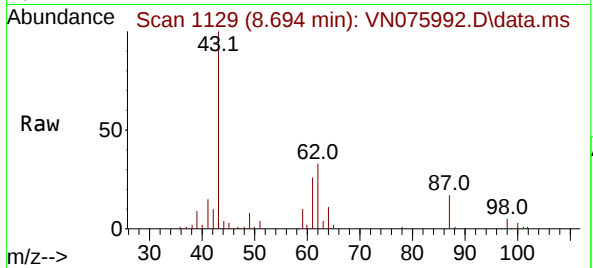
#43
Isopropyl Acetate
Concen: 19.647 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 43 Resp: 94979
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 17.6 13.3 19.9

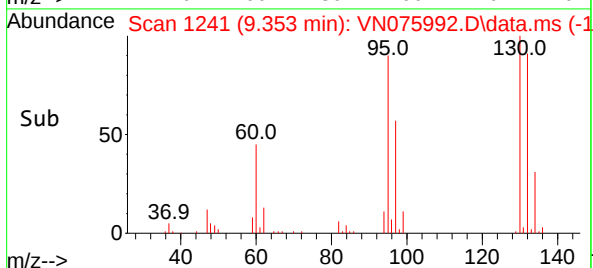
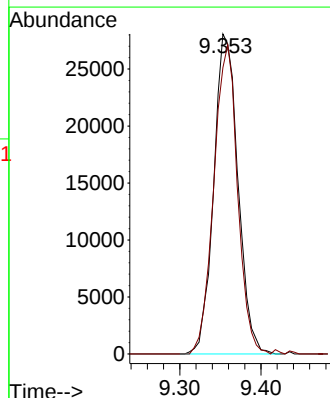
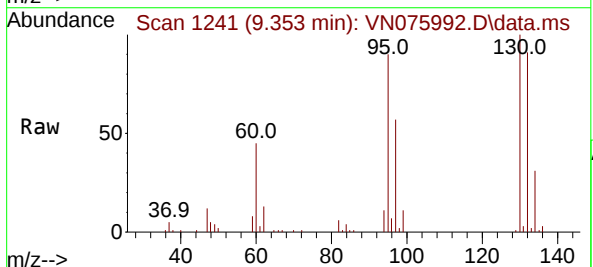
Manual Integrations
APPROVED

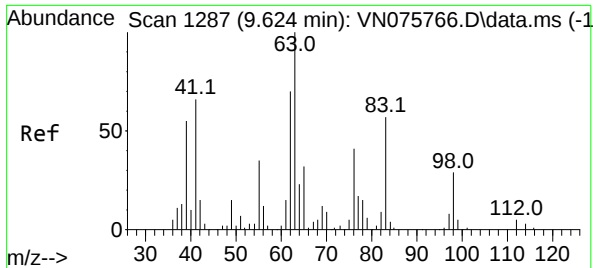
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#44
Trichloroethene
Concen: 18.349 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:130 Resp: 58189
Ion Ratio Lower Upper
130 100
95 89.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.105 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 63 Resp: 5233

Ion Ratio Lower Upper

63 100

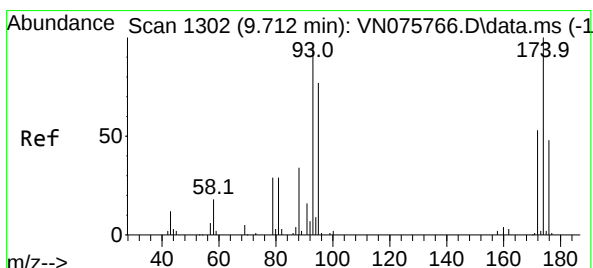
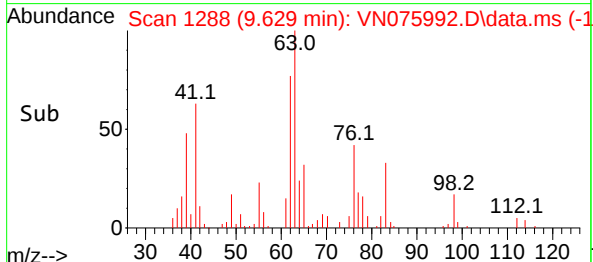
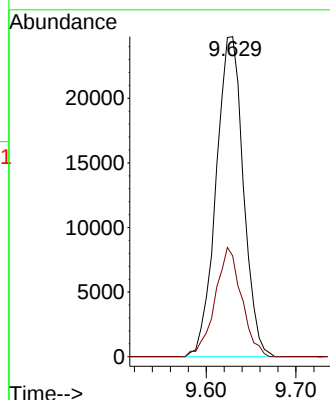
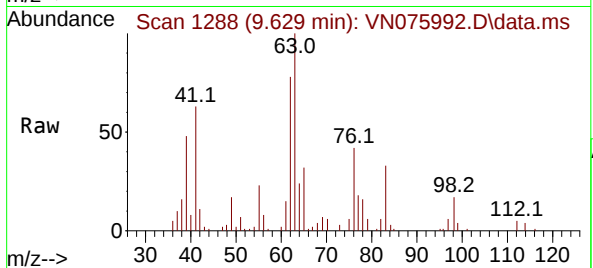
65 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#46

Dibromomethane

Concen: 18.464 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

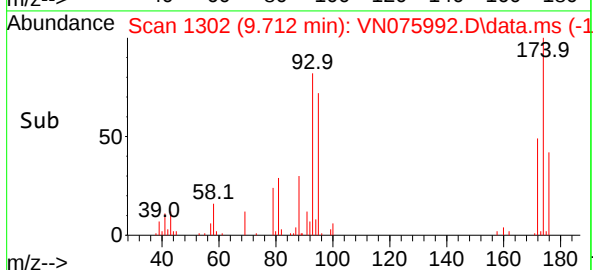
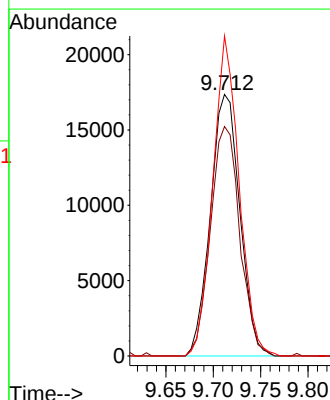
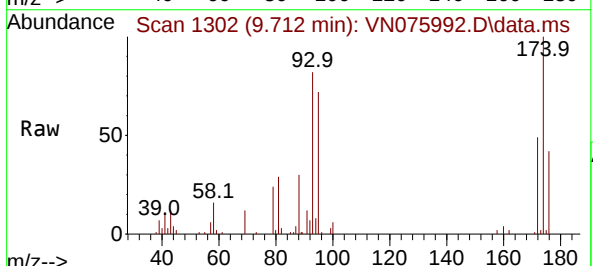
Tgt Ion: 93 Resp: 37514

Ion Ratio Lower Upper

93 100

95 87.3 65.2 97.8

174 108.9 82.4 123.6





#47

Bromodichloromethane

Concen: 19.239 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

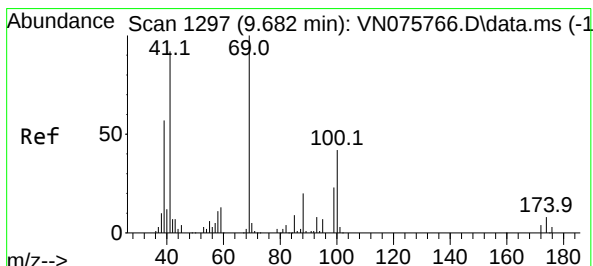
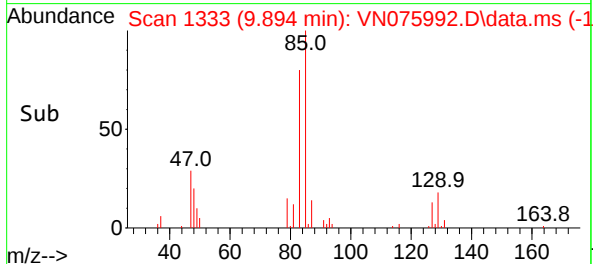
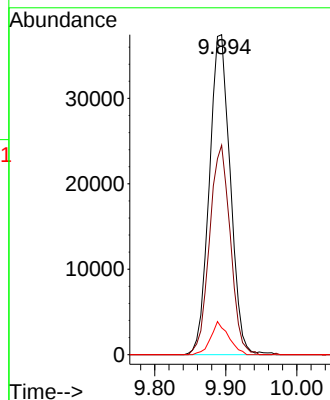
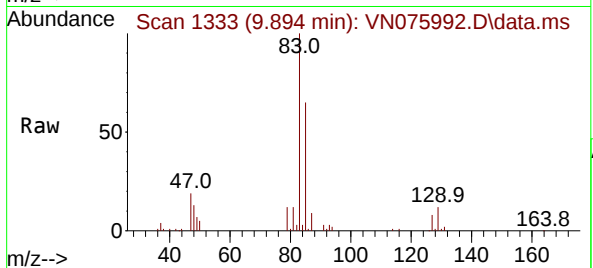
VN1228WBS01

Tgt Ion:	83	Resp:	7665
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.5	77.3
127	8.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#48

Methyl methacrylate

Concen: 20.629 ug/l

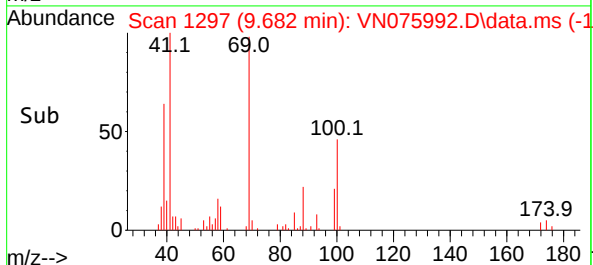
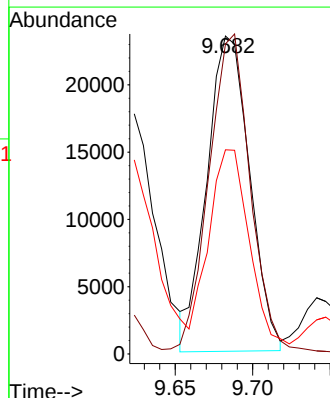
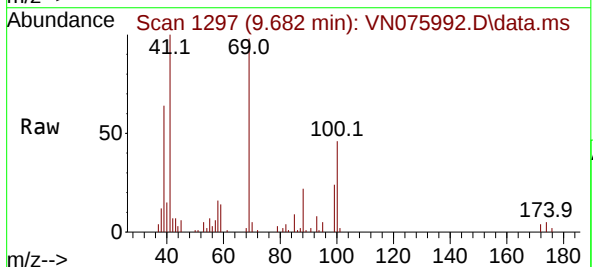
RT: 9.682 min Scan# 1297

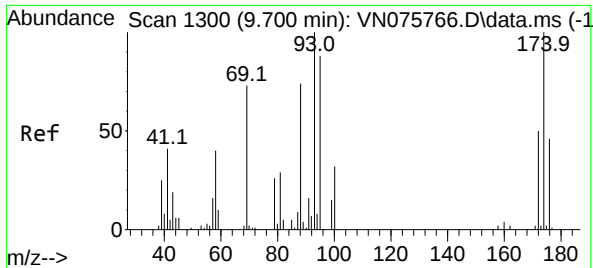
Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

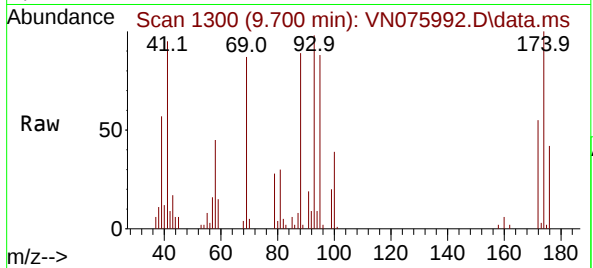
Tgt Ion:	41	Resp:	44915
Ion Ratio	Lower	Upper	
41	100		
69	100.2	81.9	122.9
39	63.2	51.6	77.4





#49
1,4-Dioxane
Concen: 386.608 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

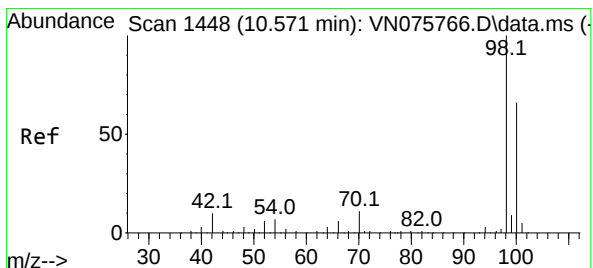
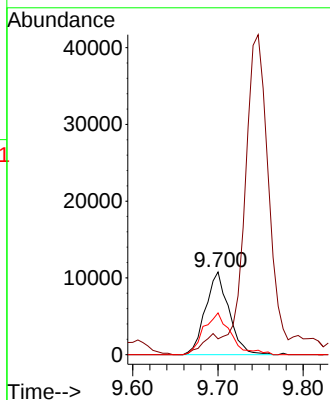
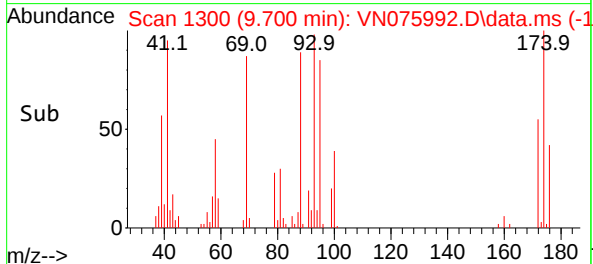
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 88 Resp: 20694
Ion Ratio Lower Upper
88 100
43 17.2 17.1 25.7
58 58.2 47.8 71.8

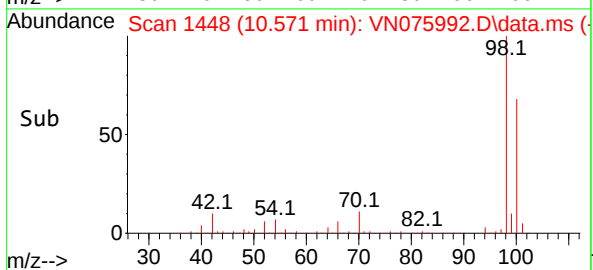
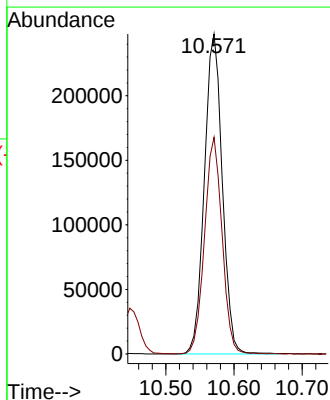
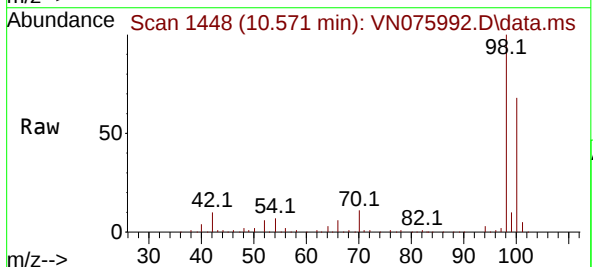
Manual Integrations
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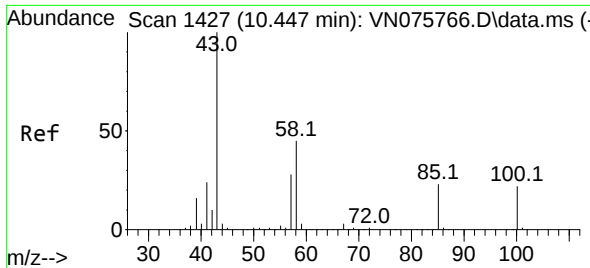
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#50
Toluene-d8
Concen: 44.089 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 98 Resp: 452735
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1





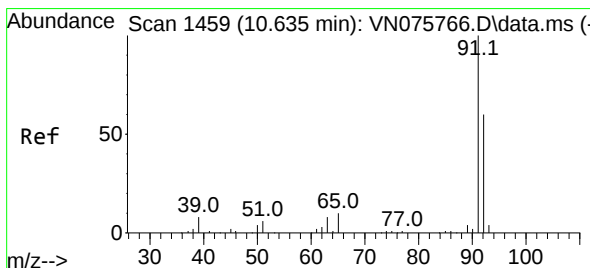
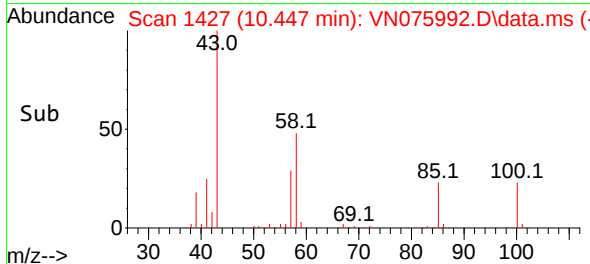
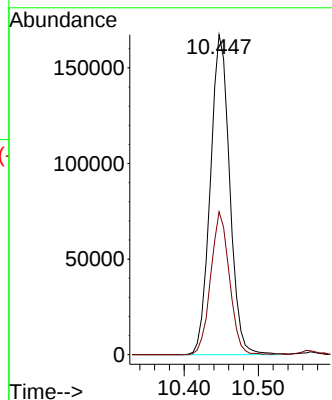
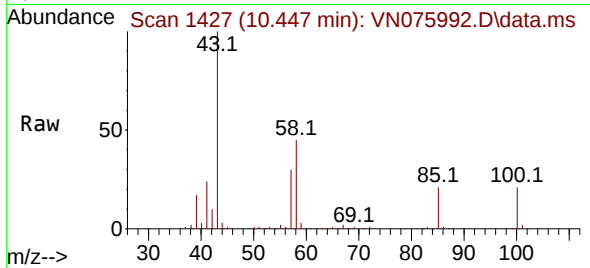
#51
4-Methyl-2-Pentanone
Concen: 103.940 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 43 Resp: 303872
Ion Ratio Lower Upper
43 100
58 43.2 35.5 53.3

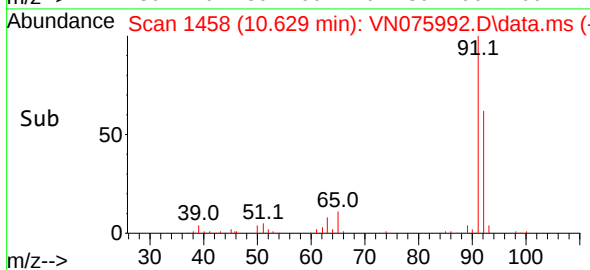
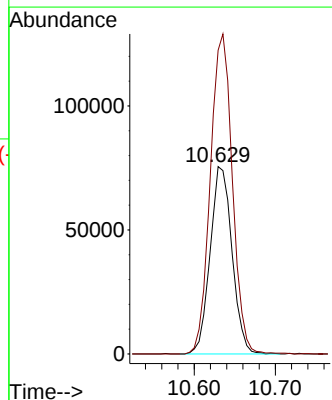
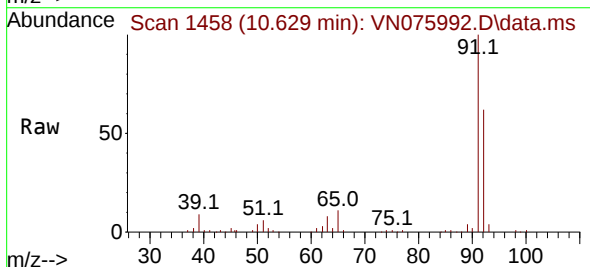
Manual Integrations
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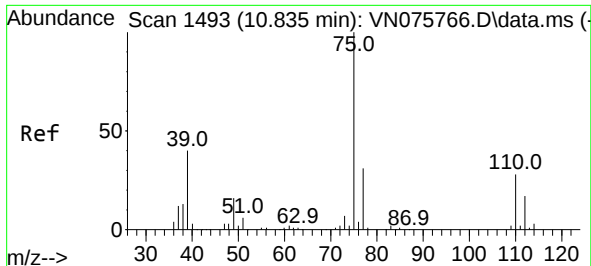
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#52
Toluene
Concen: 19.296 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 92 Resp: 141463
Ion Ratio Lower Upper
92 100
91 172.0 137.3 205.9





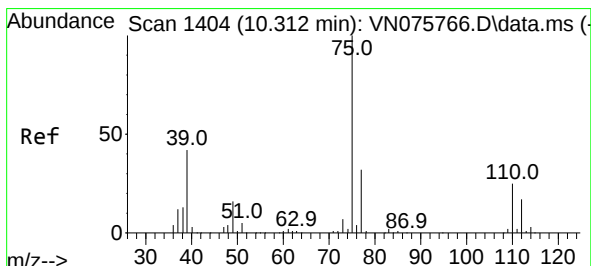
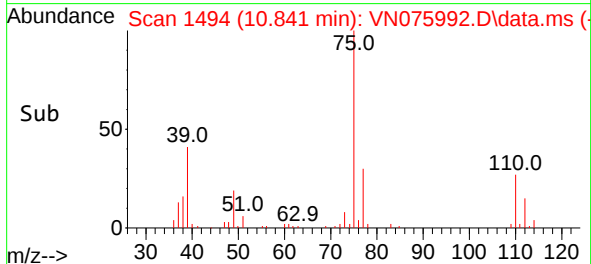
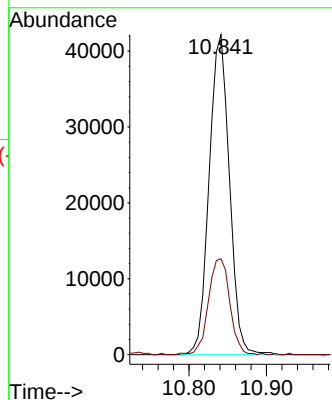
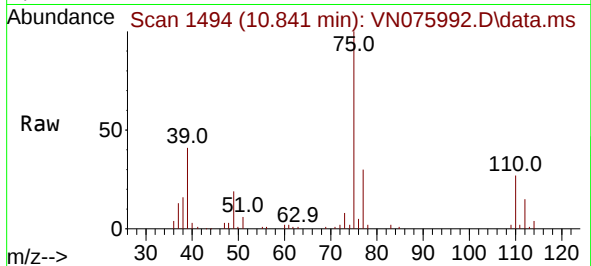
#53
 t-1,3-Dichloropropene
 Concen: 19.638 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Tgt Ion: 75 Resp: 76589
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3

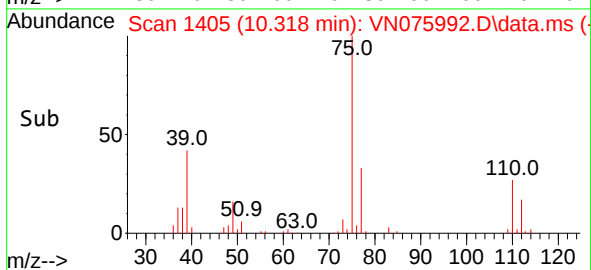
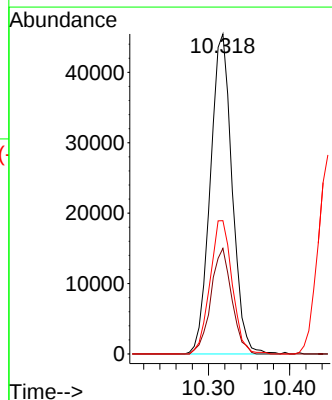
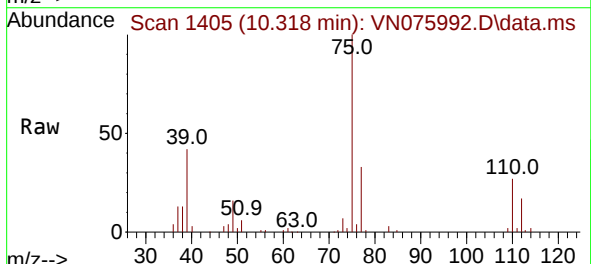
Manual Integrations
 APPROVED

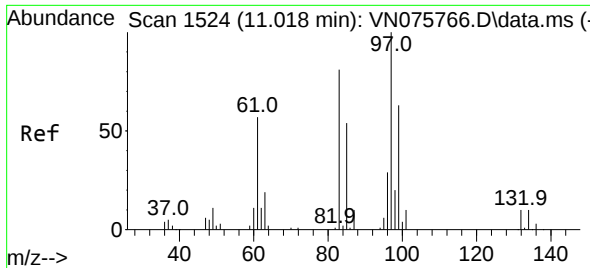
Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.802 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

Tgt Ion: 75 Resp: 84793
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 39 41.6 33.4 50.2





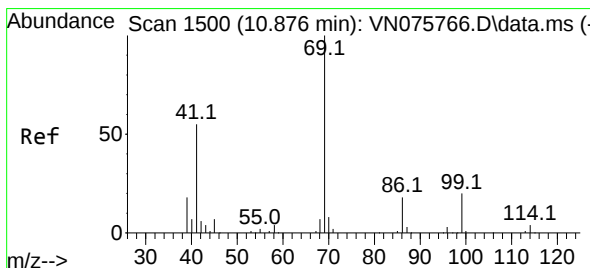
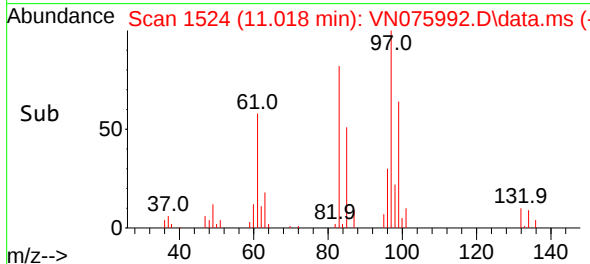
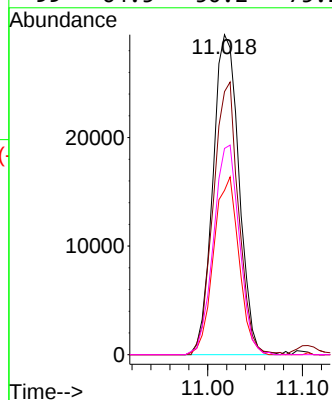
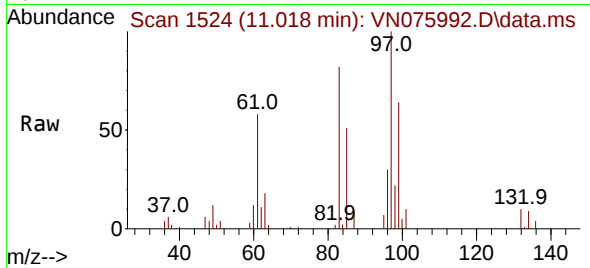
#55
1,1,2-Trichloroethane
Concen: 19.581 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 97	Resp: 5634
Ion Ratio	Lower Upper
97 100	
83 82.2	65.0 97.4
85 51.4	43.0 64.6
99 64.5	50.2 75.2

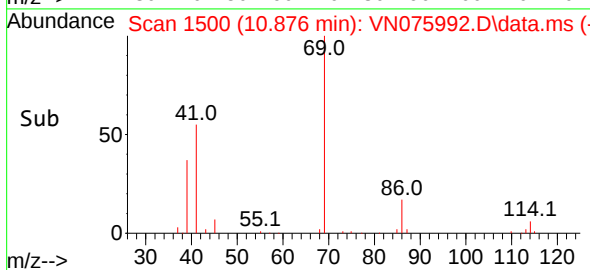
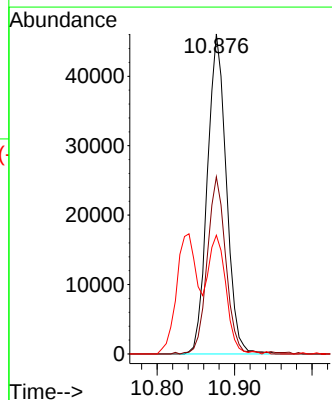
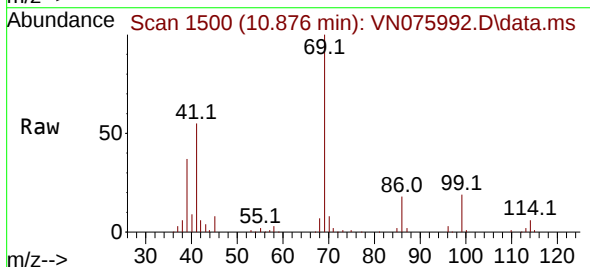
Manual Integrations
APPROVED

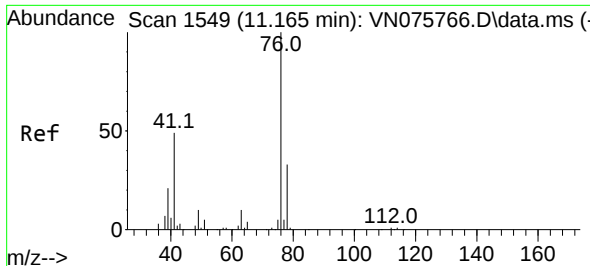
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#56
Ethyl methacrylate
Concen: 20.470 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 69	Resp: 78239
Ion Ratio	Lower Upper
69 100	
41 54.5	44.2 66.4
39 35.1	26.4 39.6





#57

1,3-Dichloropropane

Concen: 19.721 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 76 Resp: 9308

Ion Ratio Lower Upper

76 100

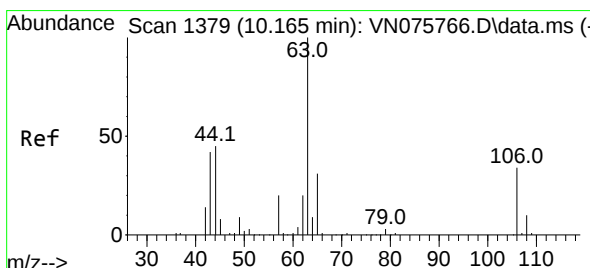
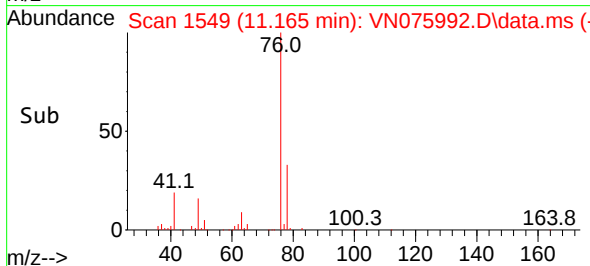
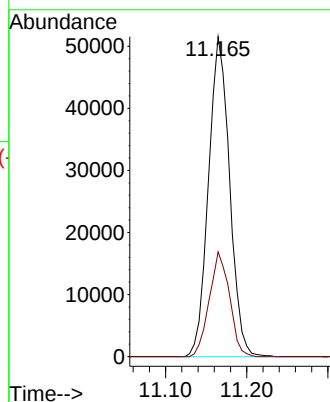
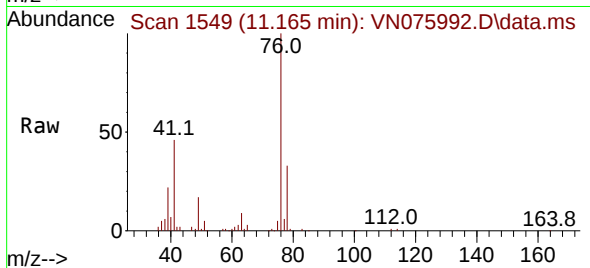
78 31.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 84.177 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075992.D

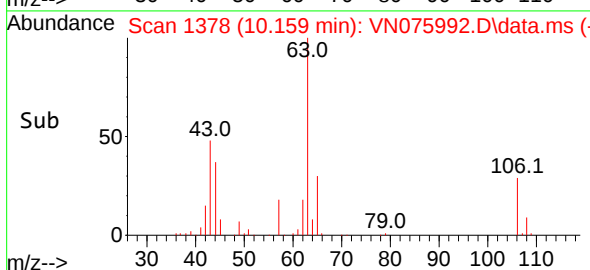
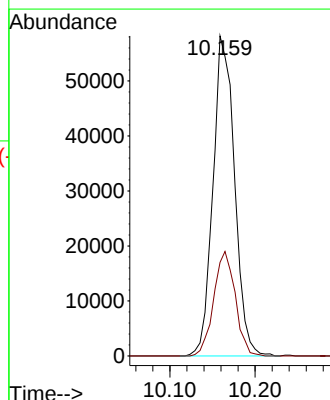
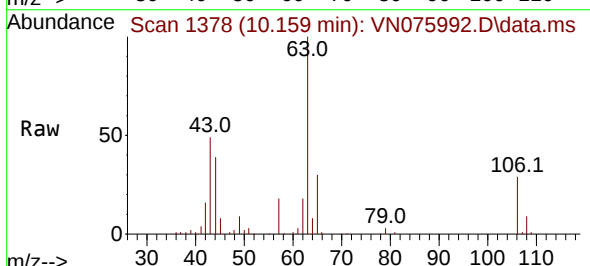
Acq: 28 Dec 2022 11:59

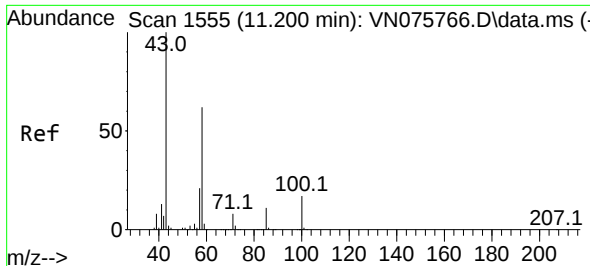
Tgt Ion: 63 Resp: 102434

Ion Ratio Lower Upper

63 100

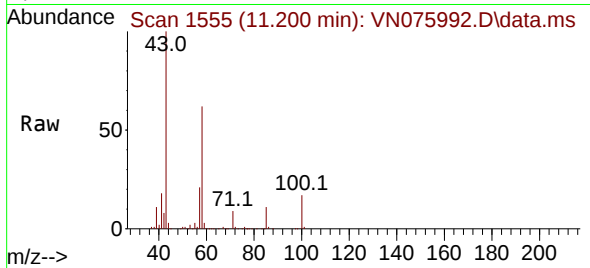
106 32.6 26.4 39.6





#59
2-Hexanone
Concen: 104.164 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

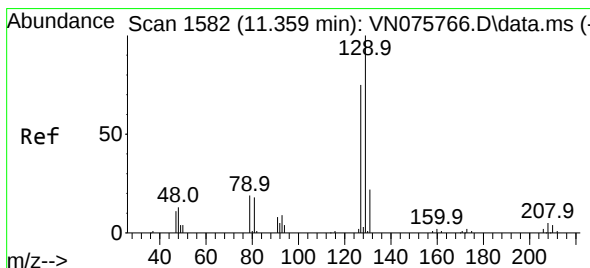
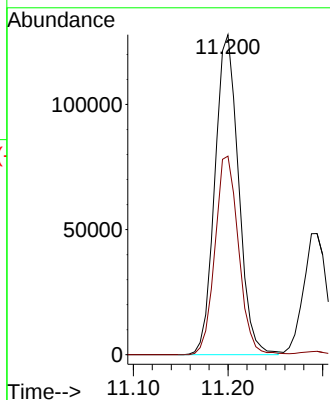
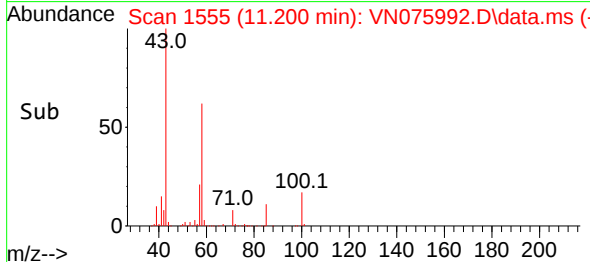
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 43 Resp: 222080
Ion Ratio Lower Upper
43 100
58 61.8 30.6 92.0

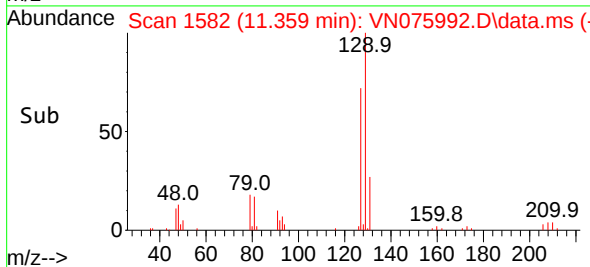
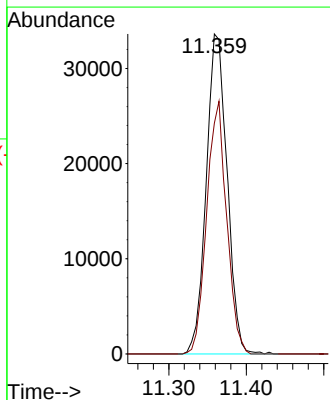
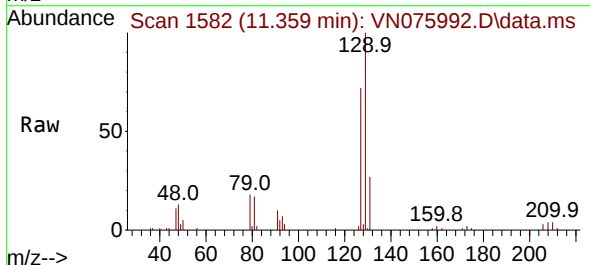
Manual Integrations
APPROVED

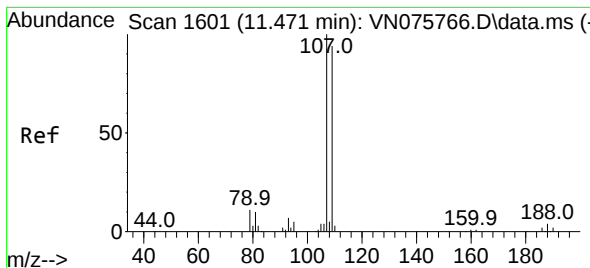
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#60
Dibromochloromethane
Concen: 19.670 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

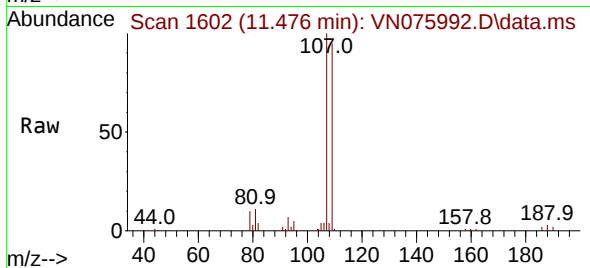
Tgt Ion:129 Resp: 62946
Ion Ratio Lower Upper
129 100
127 75.4 38.3 114.9





#61
1,2-Dibromoethane
Concen: 19.293 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

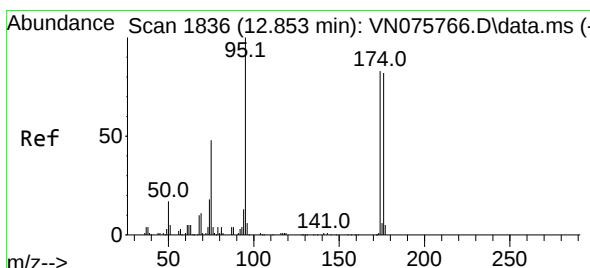
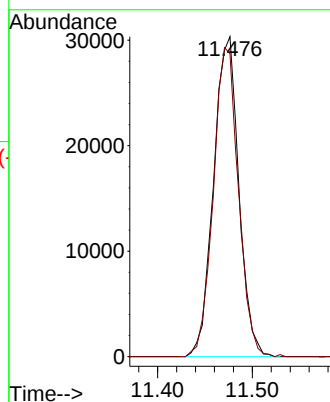
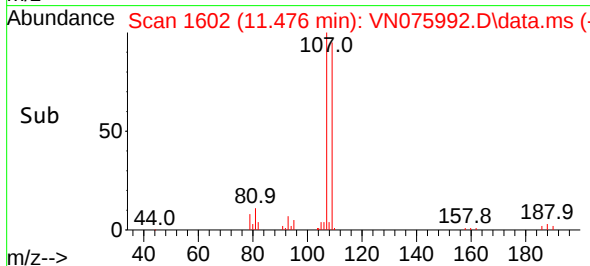
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



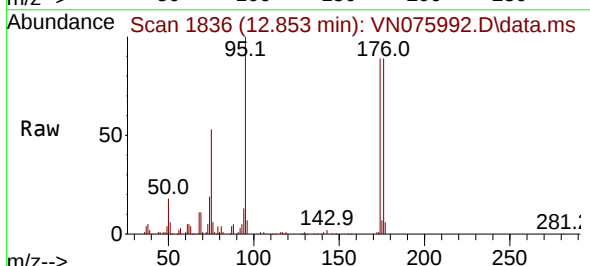
Tgt Ion:107 Resp: 5618
Ion Ratio Lower Upper
107 100
109 96.4 74.8 112.2

Manual Integrations
APPROVED

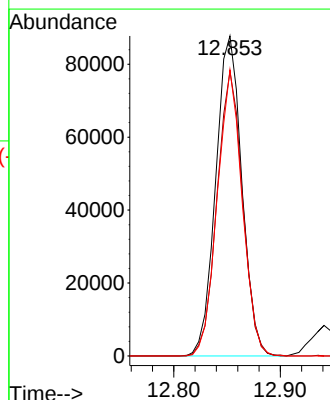
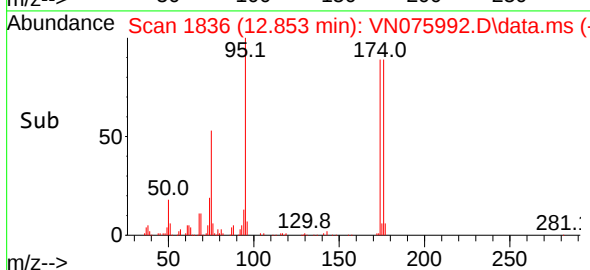
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

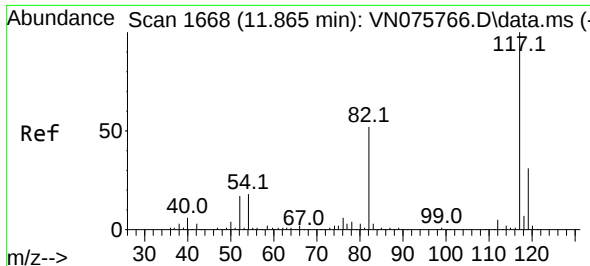


#62
4-Bromofluorobenzene
Concen: 43.917 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59



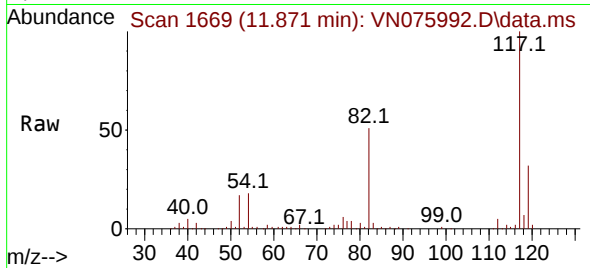
Tgt Ion: 95 Resp: 149366
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 85.3 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

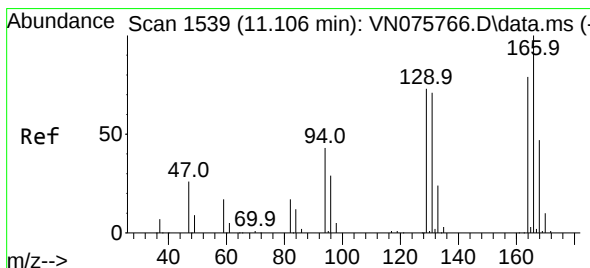
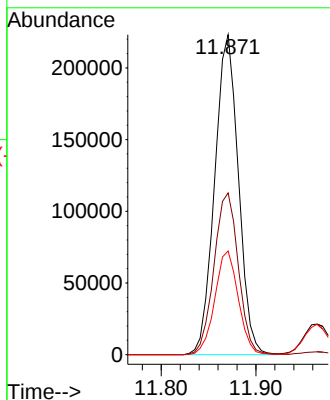
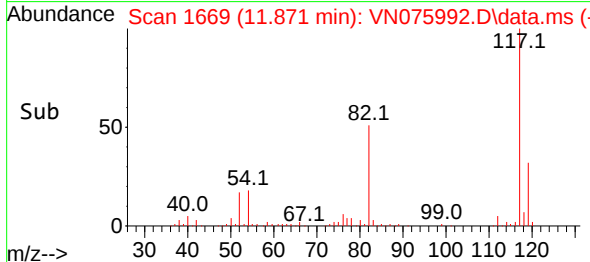
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion:117 Resp: 389100
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 32.4 24.6 37.0

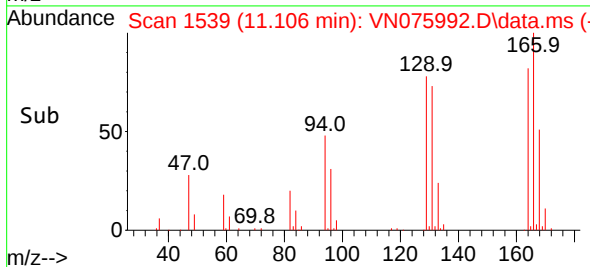
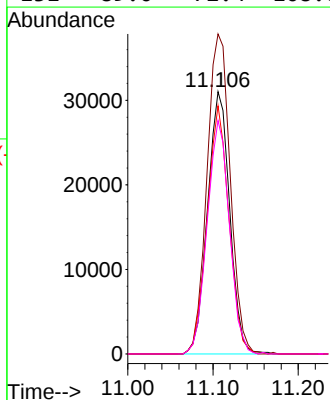
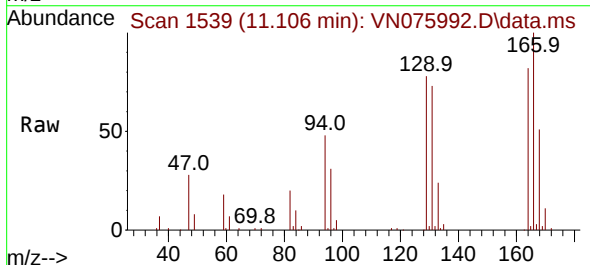
Manual Integrations
APPROVED

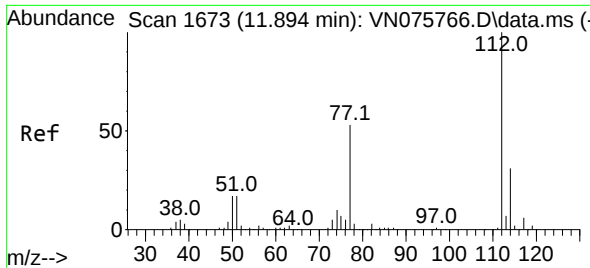
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#64
Tetrachloroethene
Concen: 20.559 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

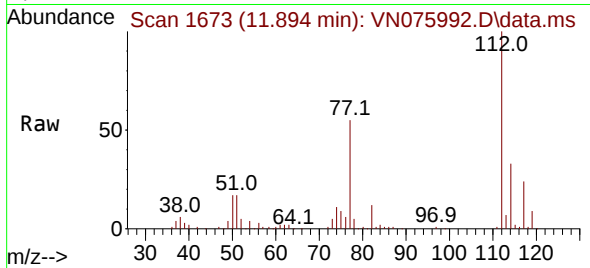
Tgt Ion:164 Resp: 56291
Ion Ratio Lower Upper
164 100
166 122.0 101.9 152.9
129 94.6 74.2 111.2
131 89.0 72.4 108.6





#65
Chlorobenzene
Concen: 19.341 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

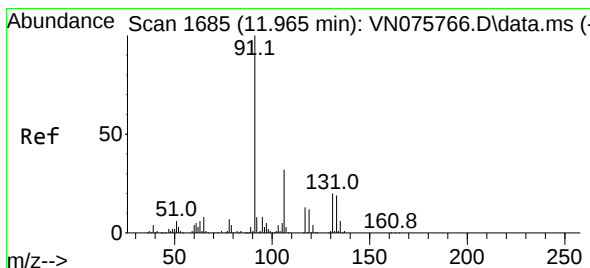
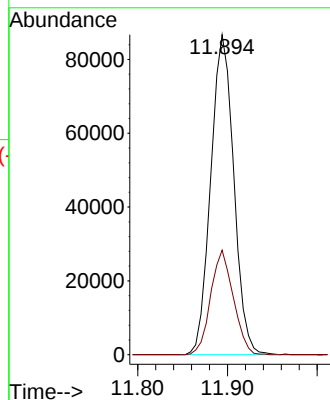
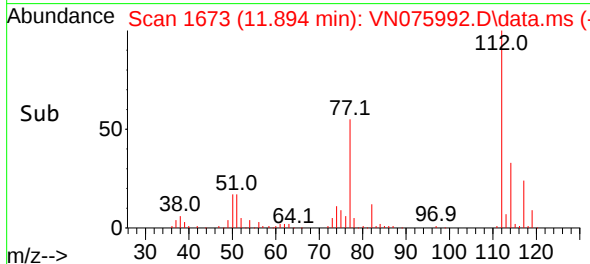
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



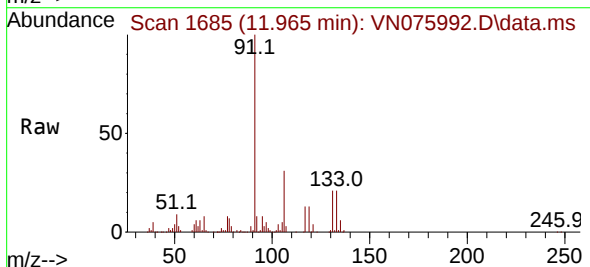
Tgt Ion:112 Resp: 15446
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1

Manual Integrations
APPROVED

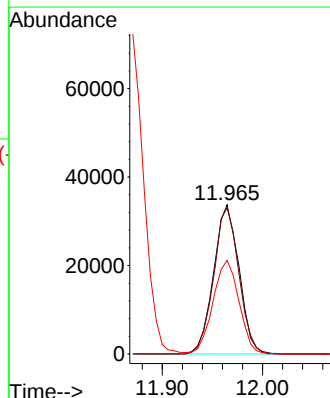
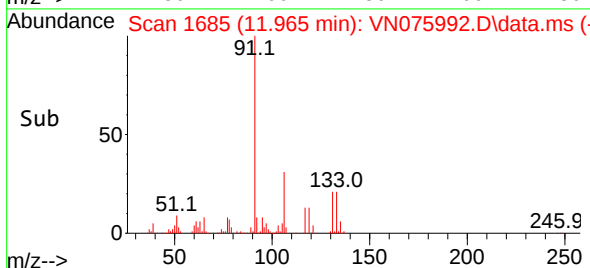
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

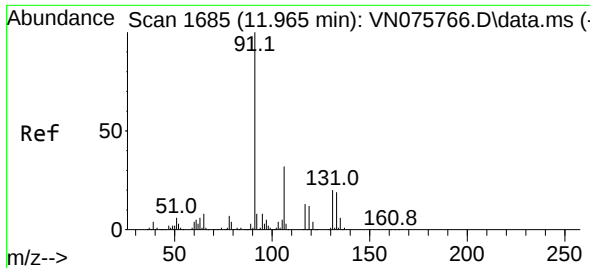


#66
1,1,1,2-Tetrachloroethane
Concen: 20.022 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59



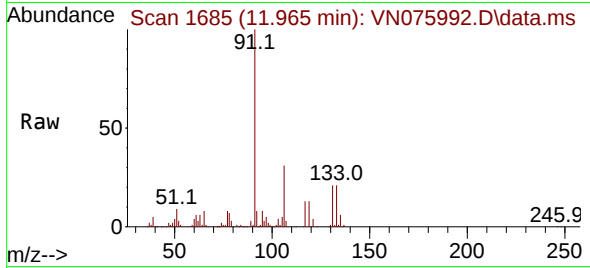
Tgt Ion:131 Resp: 59227
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.5
119 64.4 31.9 95.7





#67
Ethyl Benzene
Concen: 20.013 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

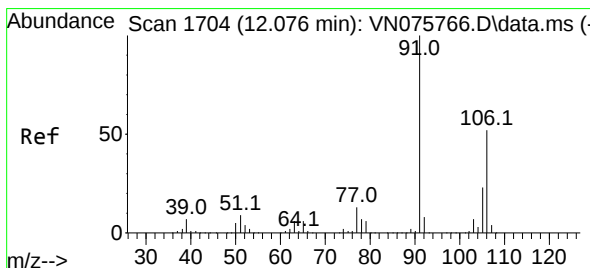
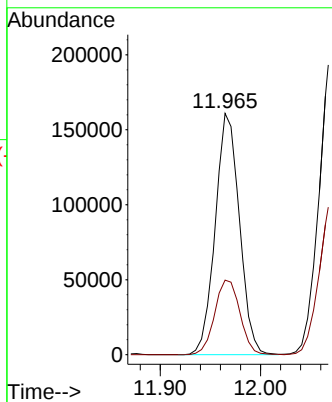
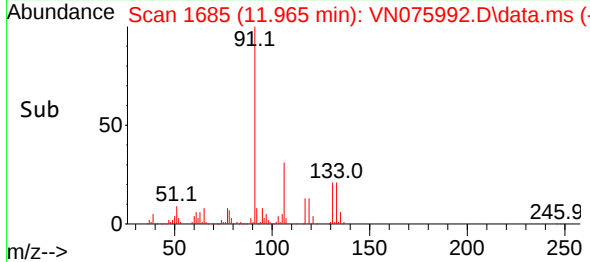
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



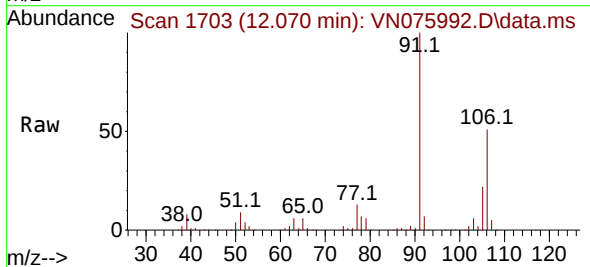
Tgt Ion: 91 Resp: 269749
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

Manual Integrations
APPROVED

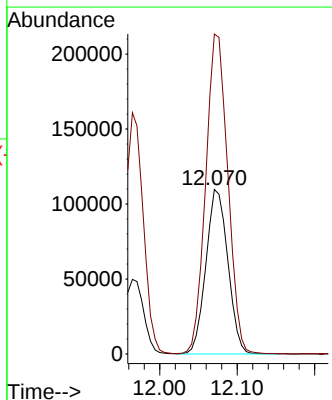
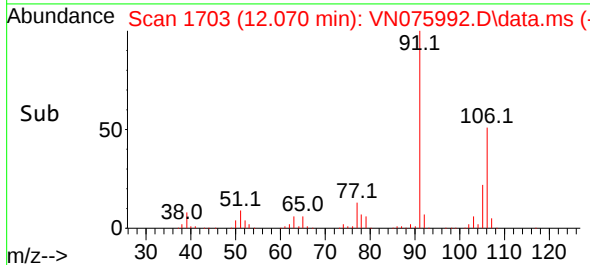
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

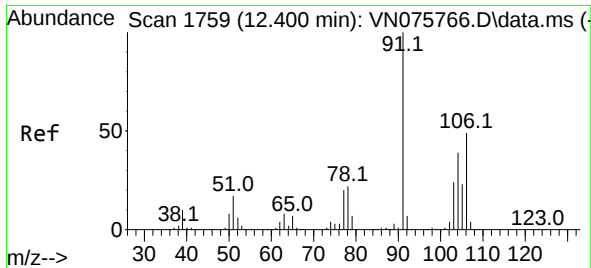


#68
m/p-Xylenes
Concen: 40.528 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59



Tgt Ion:106 Resp: 216213
Ion Ratio Lower Upper
106 100
91 195.7 156.6 235.0





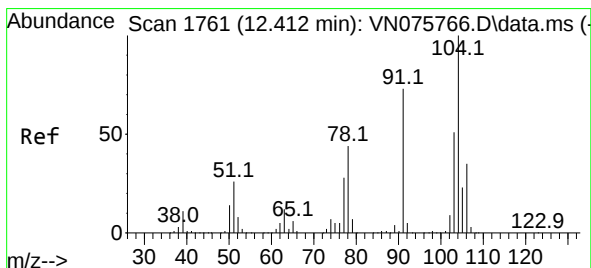
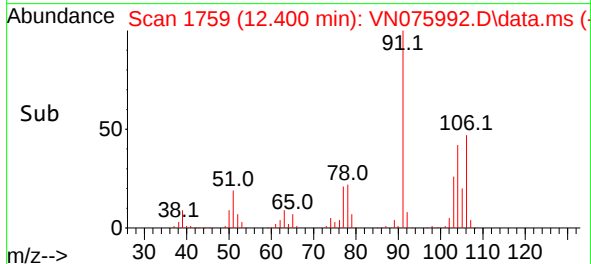
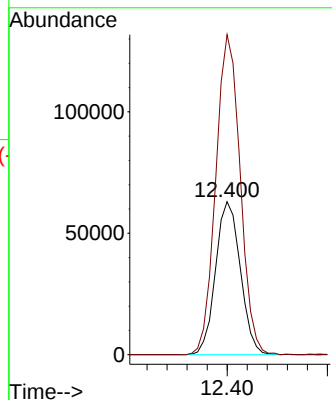
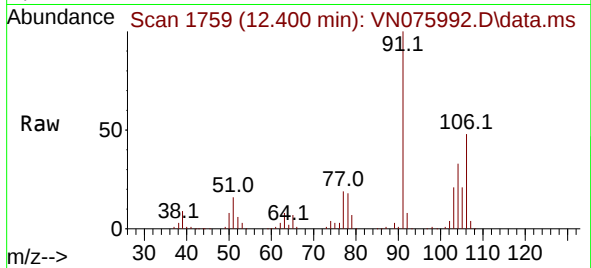
#69
o-Xylene
Concen: 20.476 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:106 Resp: 10810
Ion Ratio Lower Upper
106 100
91 206.6 103.8 311.6

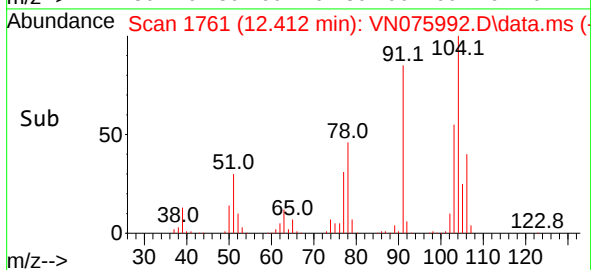
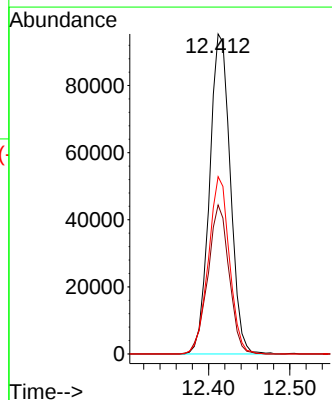
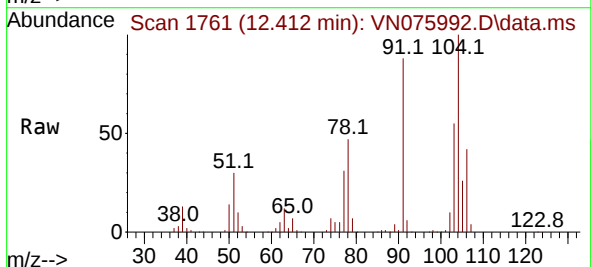
Manual Integrations
APPROVED

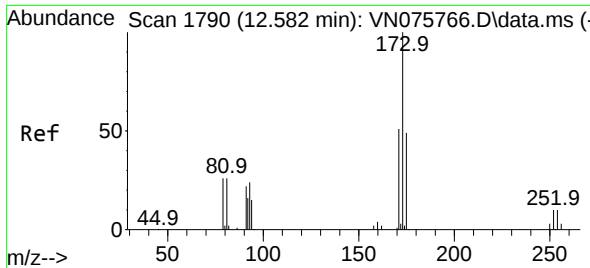
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#70
Styrene
Concen: 20.137 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:104 Resp: 169037
Ion Ratio Lower Upper
104 100
78 47.6 37.5 56.3
103 56.3 43.5 65.3





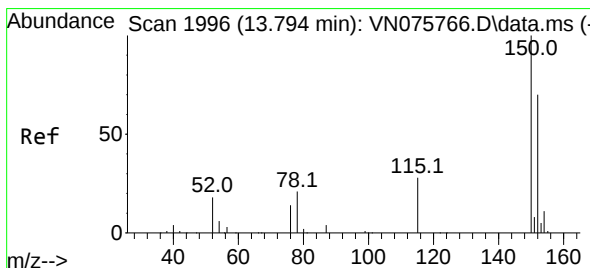
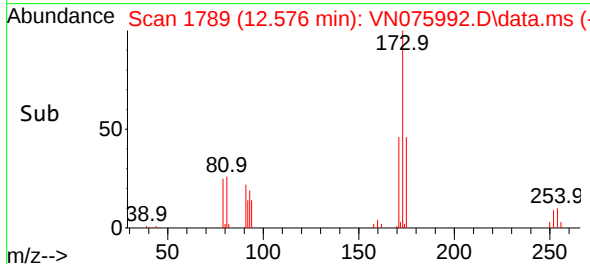
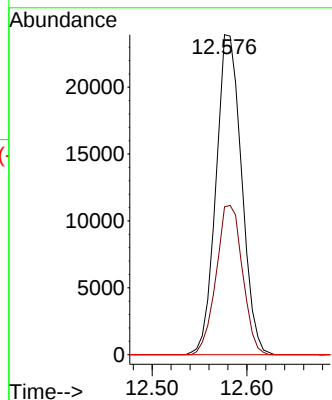
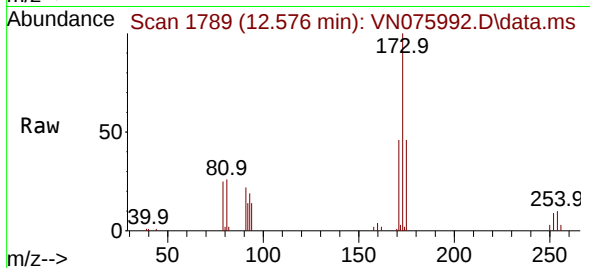
#71
Bromoform
Concen: 20.874 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:173 Resp: 4493
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0

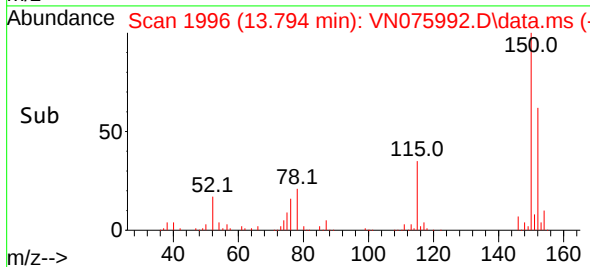
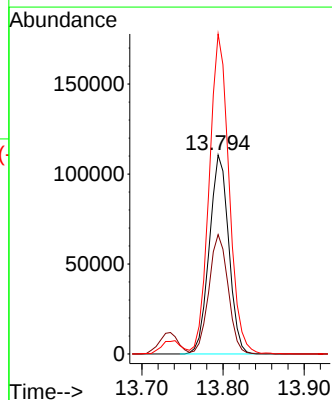
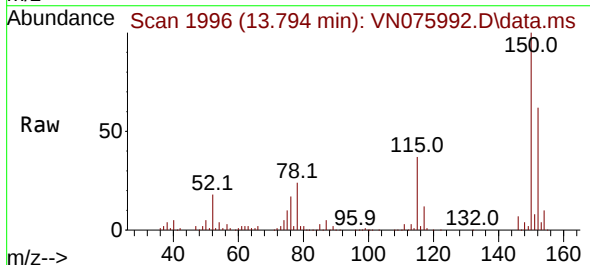
Manual Integrations
APPROVED

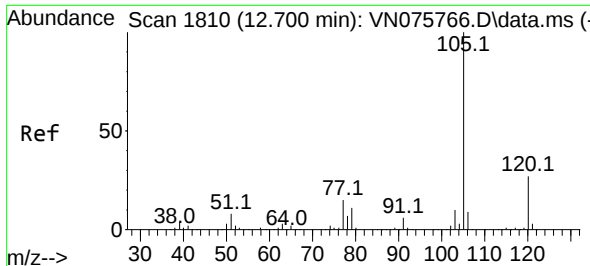
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

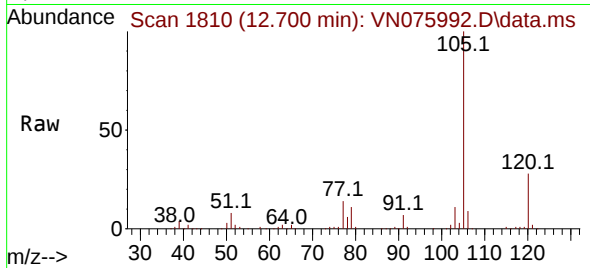
Tgt Ion:152 Resp: 183322
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.4
150 164.3 0.0 347.0





#73
Isopropylbenzene
Concen: 20.876 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

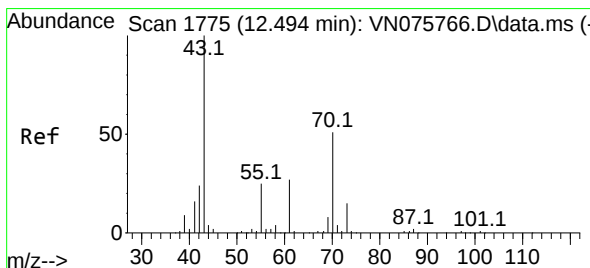
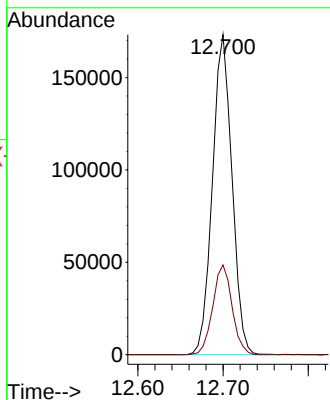
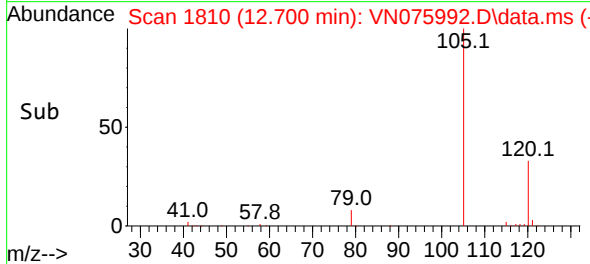
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



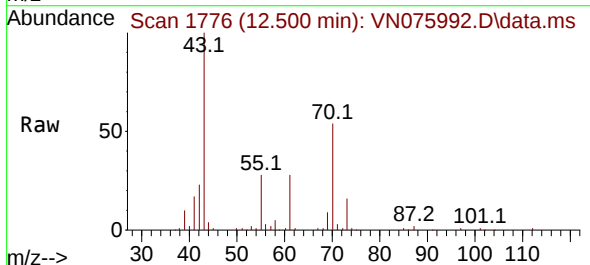
Tgt Ion:105 Resp: 276554
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

Manual Integrations
APPROVED

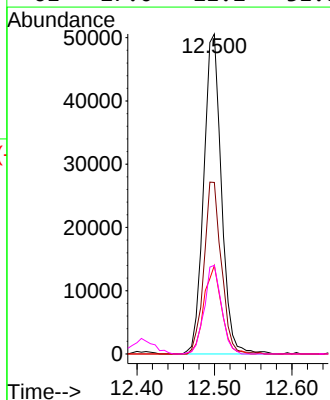
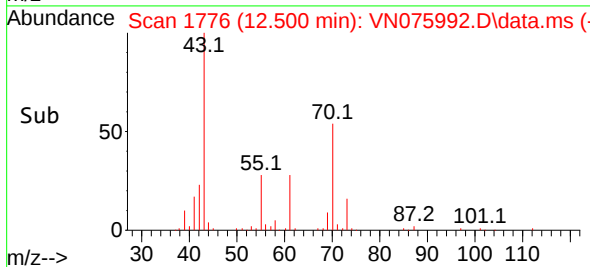
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

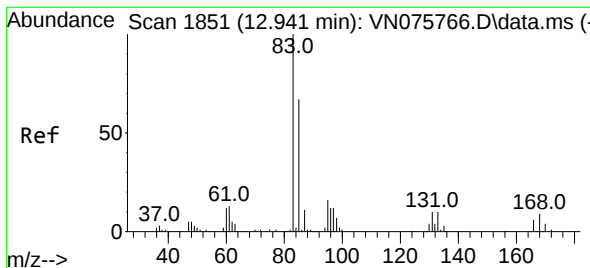


#74
N-ethyl acetate
Concen: 20.597 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59



Tgt Ion: 43 Resp: 80047
Ion Ratio Lower Upper
43 100
70 52.8 41.4 62.0
55 27.4 21.3 31.9
61 27.0 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.107 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

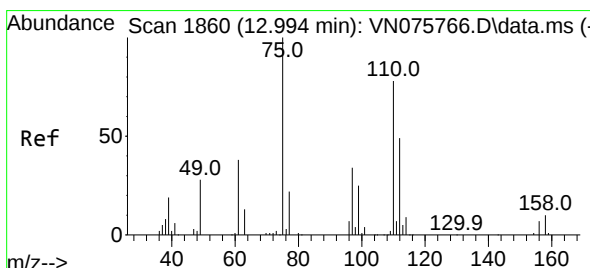
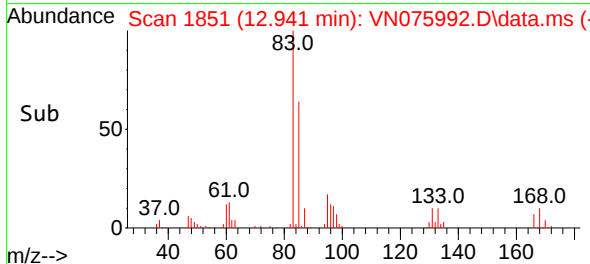
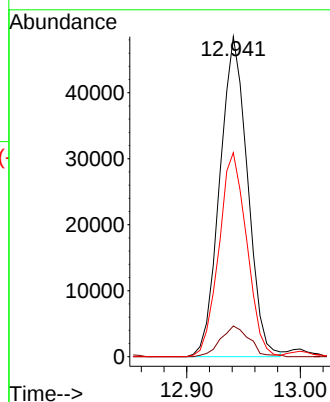
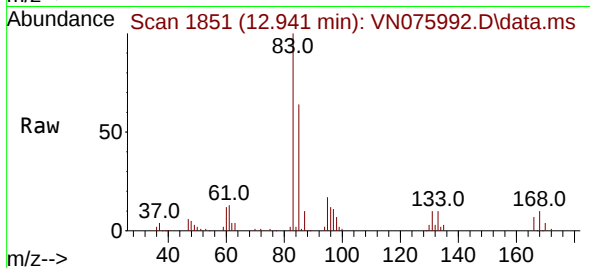
VN1228WBS01

Tgt Ion: 83	Resp: 82340
Ion Ratio	Lower Upper
83	100
131	10.0 5.6 16.8
85	63.9 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#76

1,2,3-Trichloropropane

Concen: 19.413 ug/l m

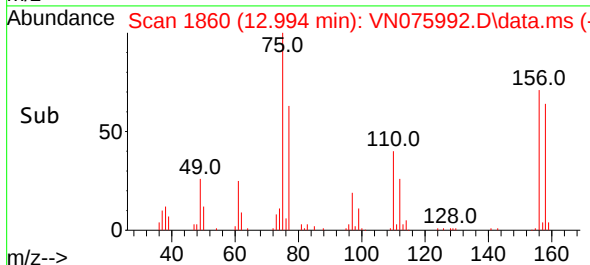
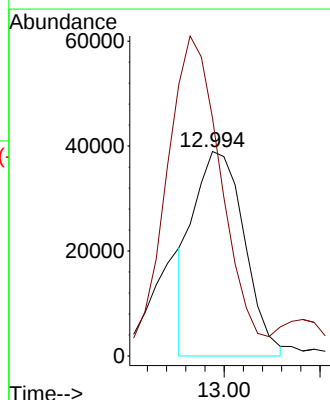
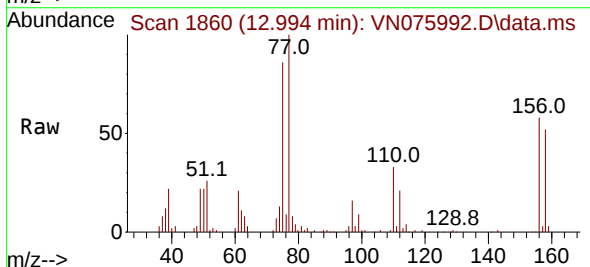
RT: 12.994 min Scan# 1860

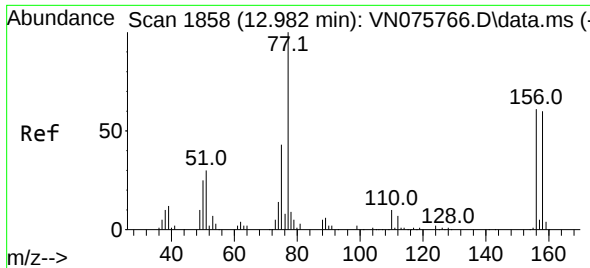
Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Tgt Ion: 75	Resp: 71739
Ion Ratio	Lower Upper
75	100
77	171.1 82.6 247.8





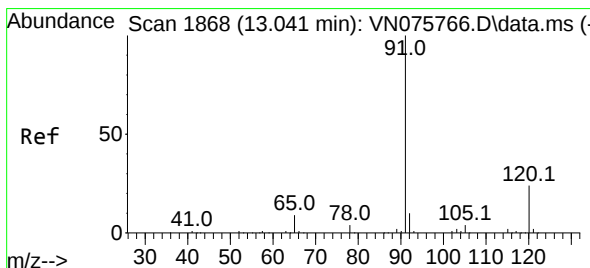
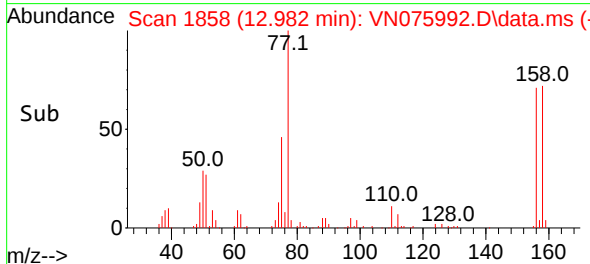
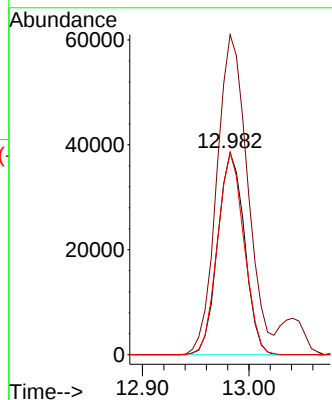
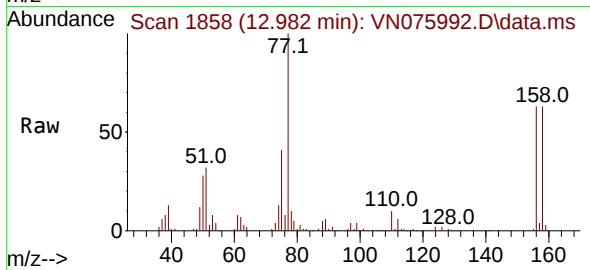
#77
Bromobenzene
Concen: 20.020 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:156 Resp: 67119
Ion Ratio Lower Upper
156 100
77 182.9 93.8 281.3
158 99.3 48.9 146.6

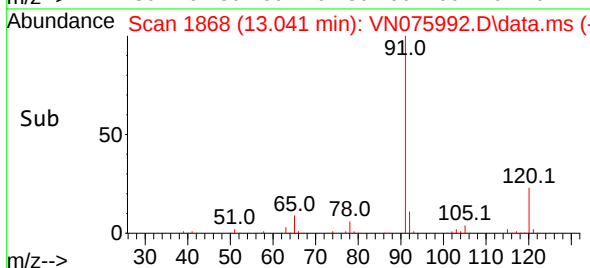
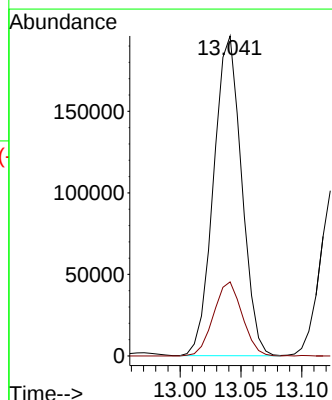
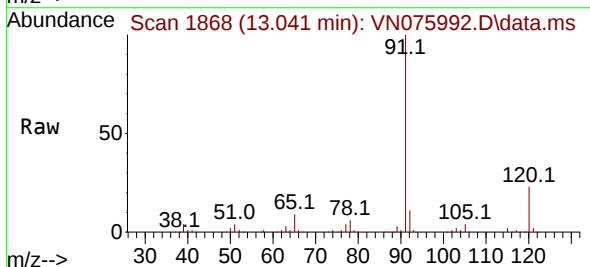
Manual Integrations
APPROVED

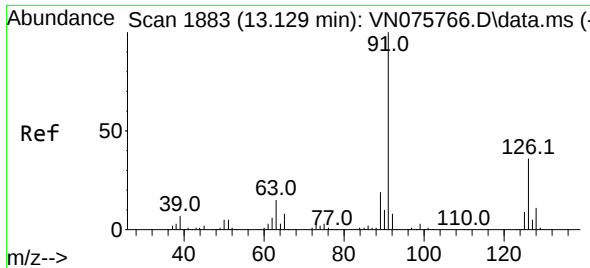
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#78
n-propylbenzene
Concen: 21.517 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 91 Resp: 314401
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1





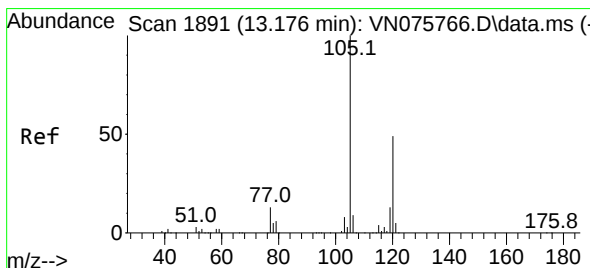
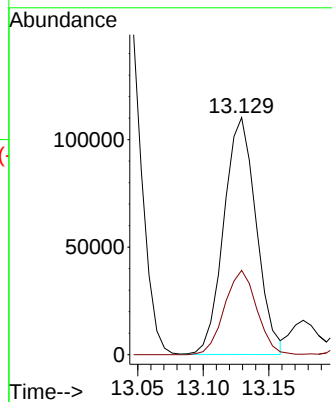
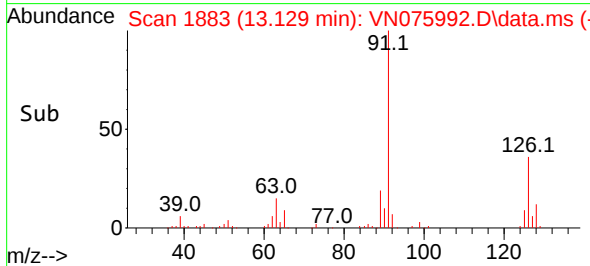
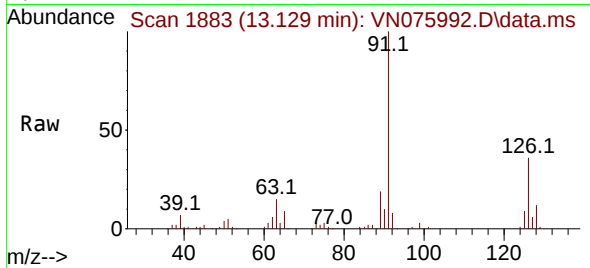
#79
2-Chlorotoluene
Concen: 20.778 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 91 Resp: 189510
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

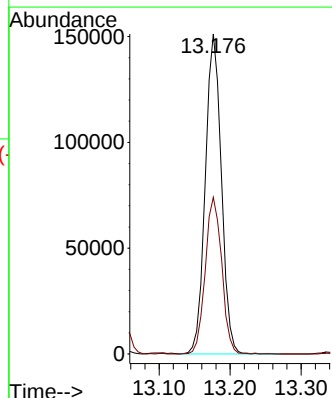
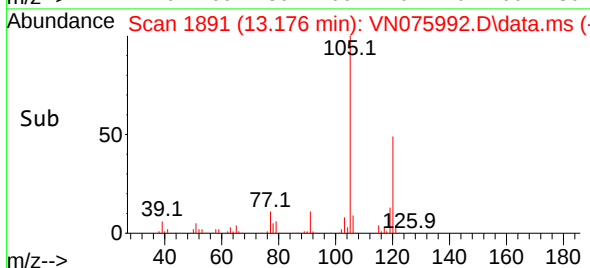
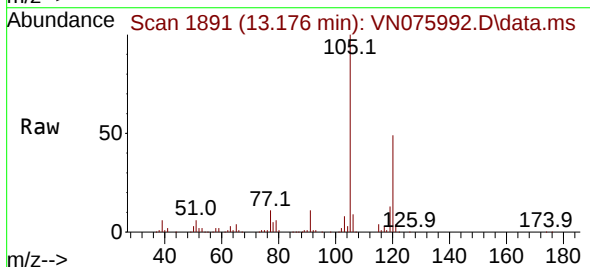
Manual Integrations
APPROVED

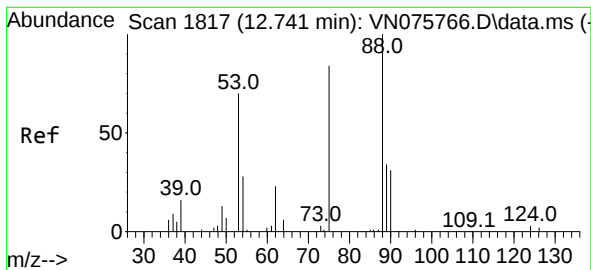
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.456 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:105 Resp: 237897
Ion Ratio Lower Upper
105 100
120 50.2 24.7 74.1





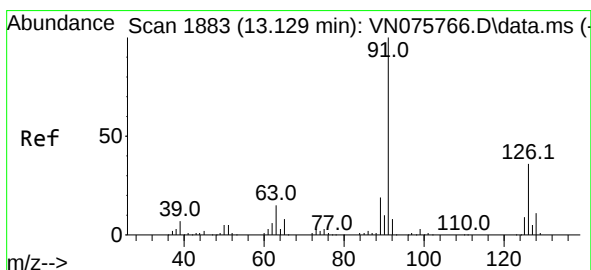
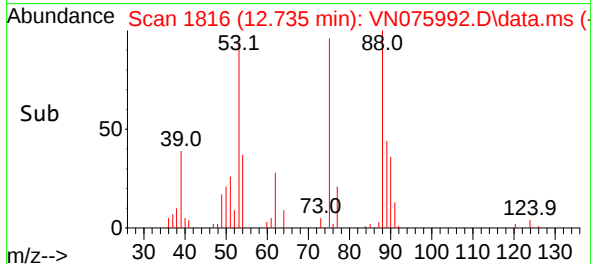
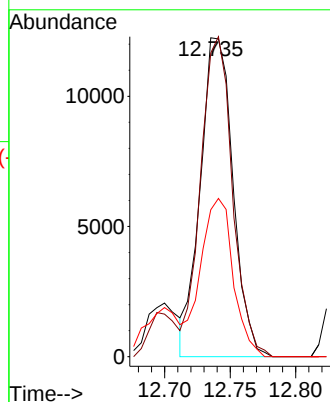
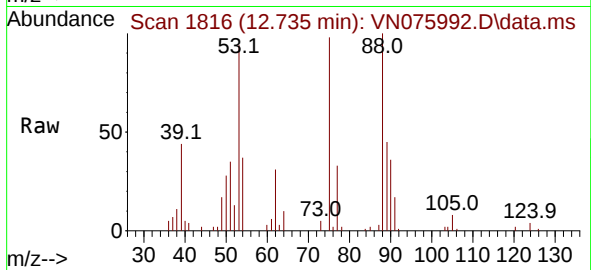
#81
trans-1,4-Dichloro-2-butene
Concen: 20.680 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 75 Resp: 2123
Ion Ratio Lower Upper
75 100
53 97.7 73.8 110.6
89 50.0 39.5 59.3

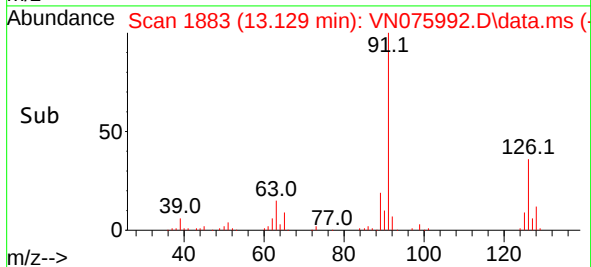
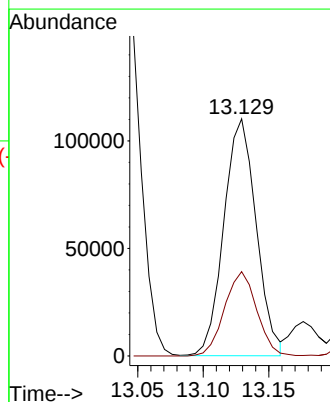
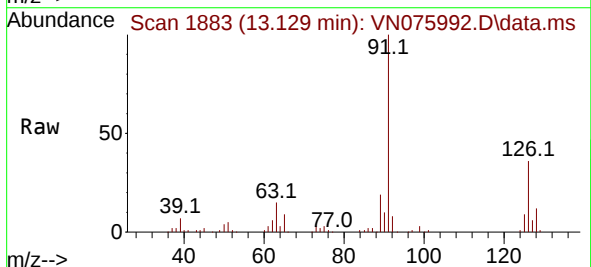
Manual Integrations
APPROVED

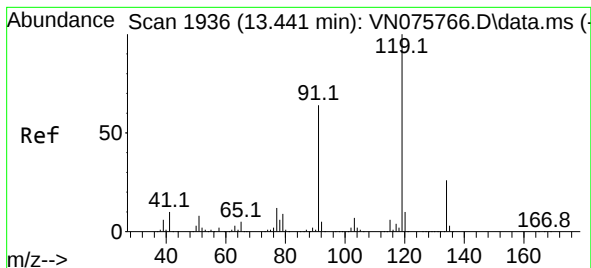
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#82
4-Chlorotoluene
Concen: 20.778 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion: 91 Resp: 189510
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





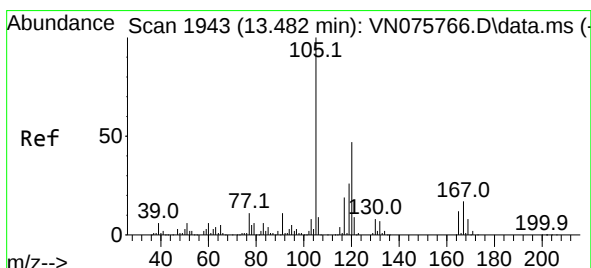
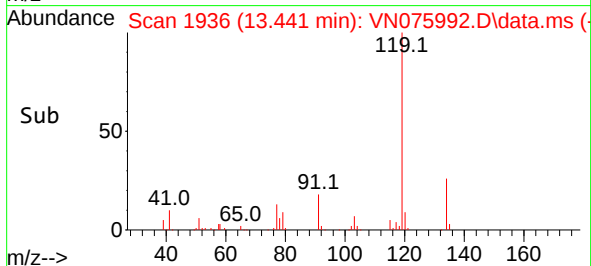
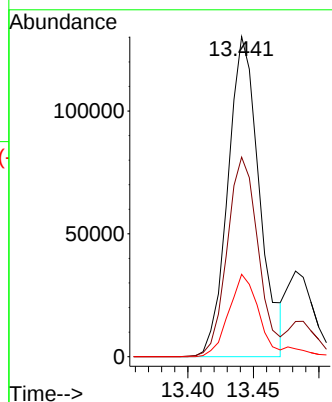
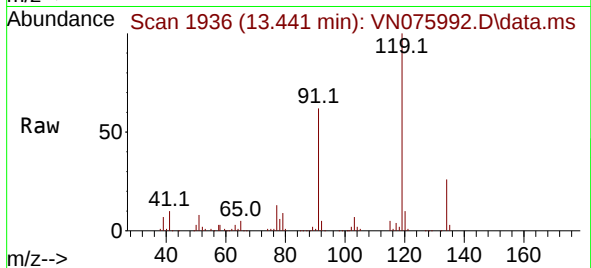
#83
tert-Butylbenzene
Concen: 22.263 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:119 Resp: 21764
Ion Ratio Lower Upper
119 100
91 61.8 31.9 95.5
134 24.2 13.8 41.4

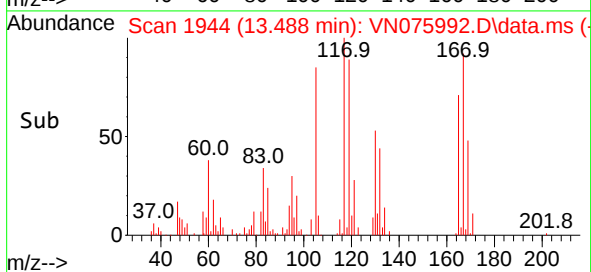
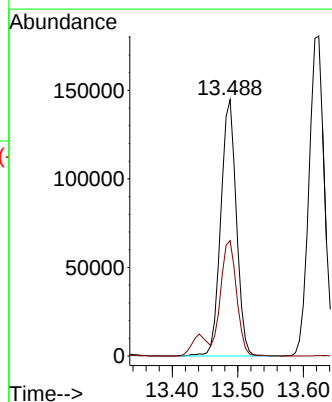
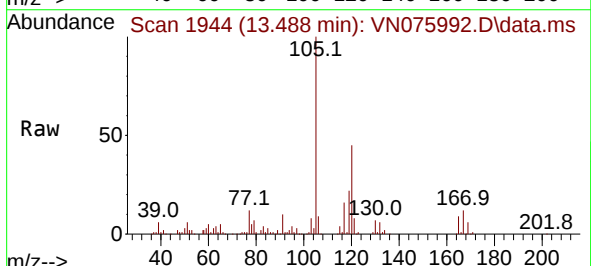
Manual Integrations
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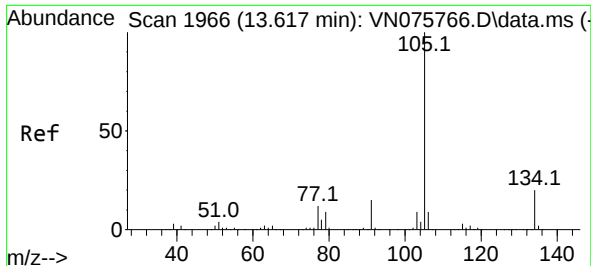
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.627 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

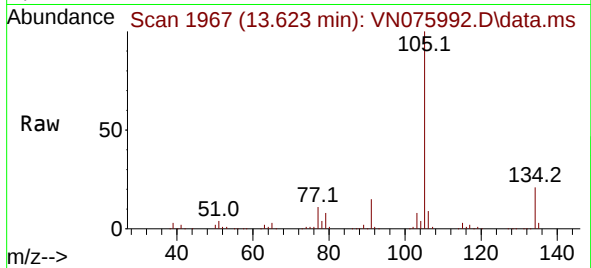
Tgt Ion:105 Resp: 237886
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.805 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

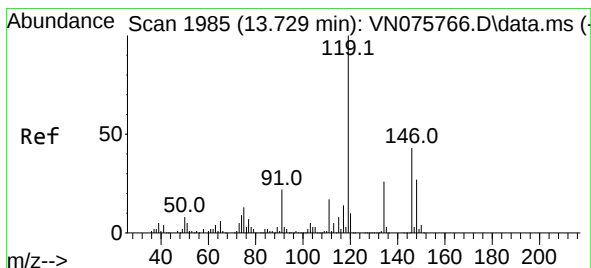
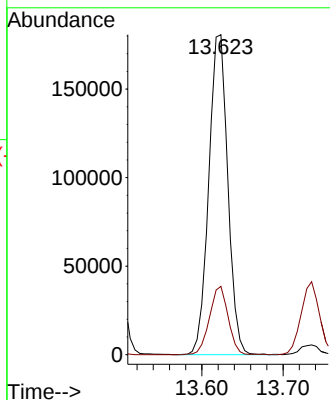
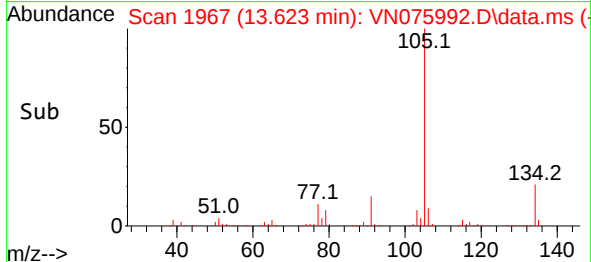
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01



Tgt Ion:105 Resp: 29421
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1

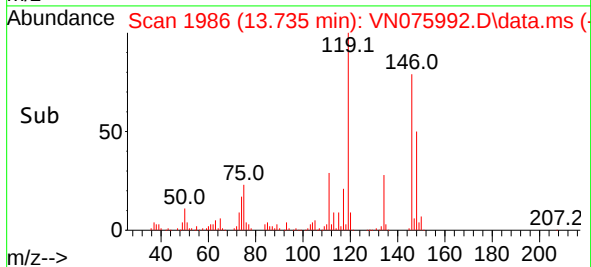
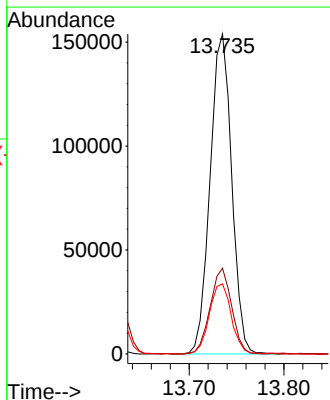
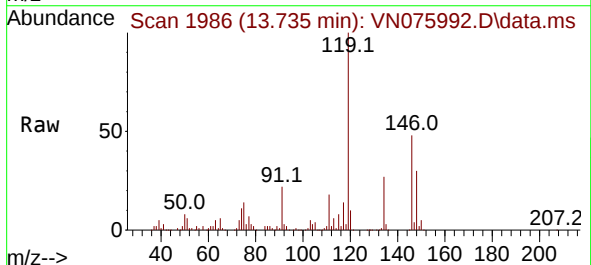
Manual Integrations
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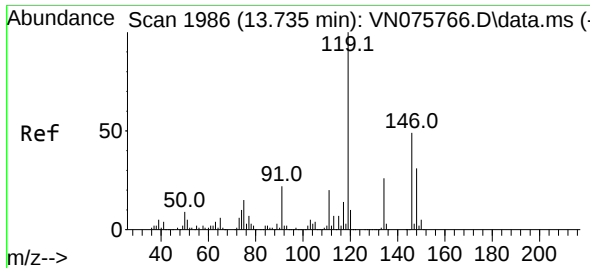
Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022



#86
 p-Isopropyltoluene
 Concen: 21.693 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075992.D
 Acq: 28 Dec 2022 11:59

Tgt Ion:119 Resp: 243551
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 22.4 11.2 33.6





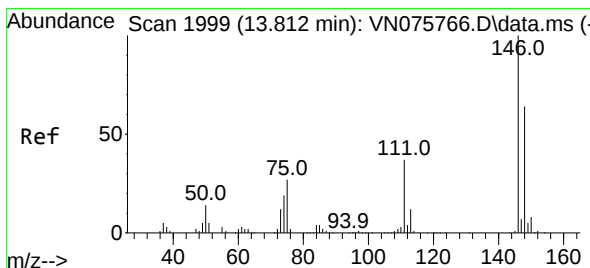
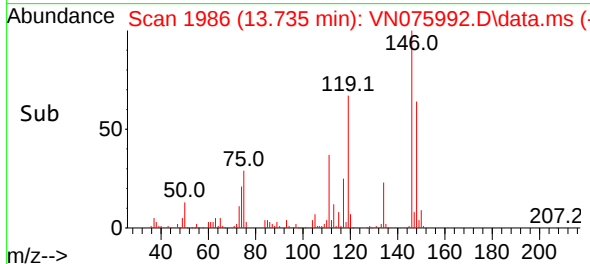
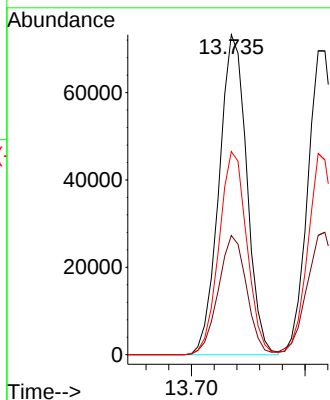
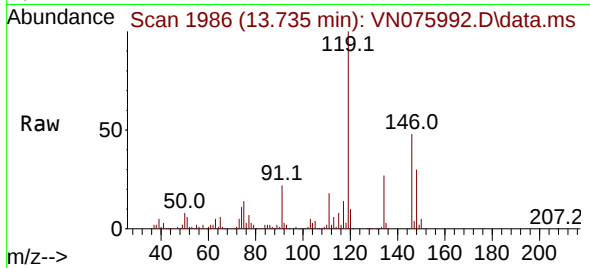
#87
1,3-Dichlorobenzene
Concen: 20.057 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:146 Resp: 124215
Ion Ratio Lower Upper
146 100
111 37.9 19.7 59.0
148 63.8 31.4 94.2

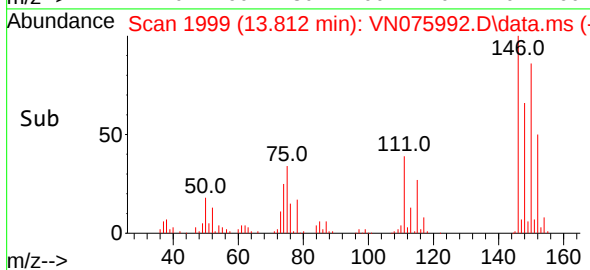
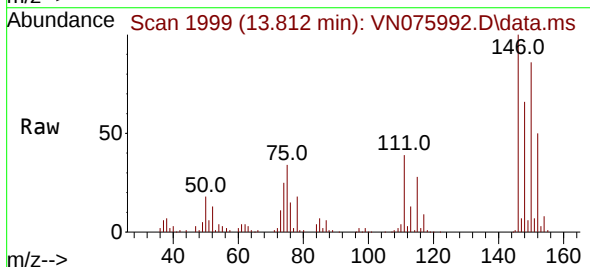
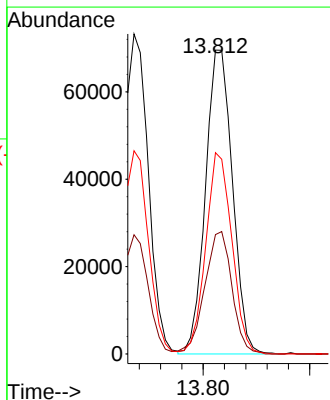
Manual Integrations
APPROVED

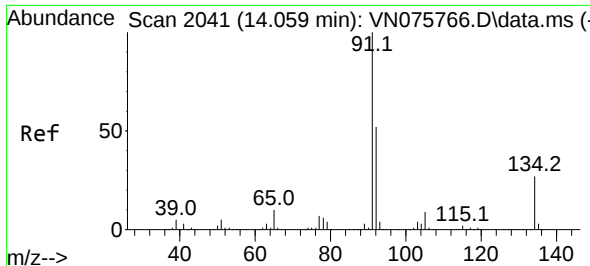
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#88
1,4-Dichlorobenzene
Concen: 19.350 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

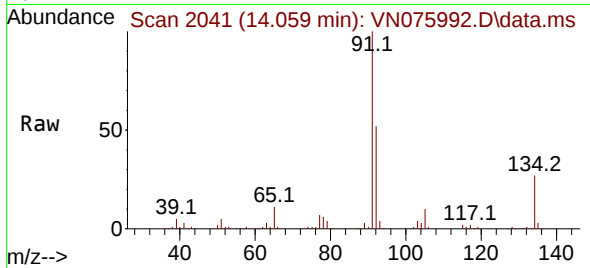
Tgt Ion:146 Resp: 122417
Ion Ratio Lower Upper
146 100
111 40.8 19.1 57.1
148 64.1 32.0 96.2





#89
n-Butylbenzene
Concen: 20.719 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

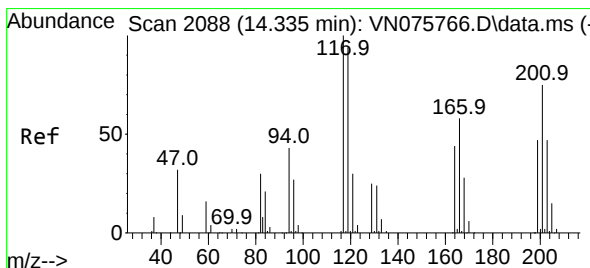
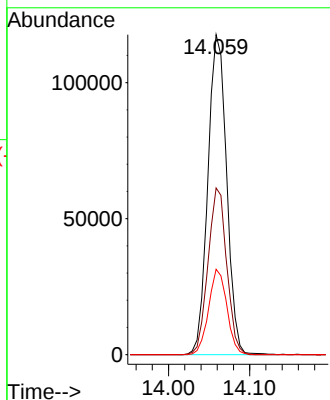
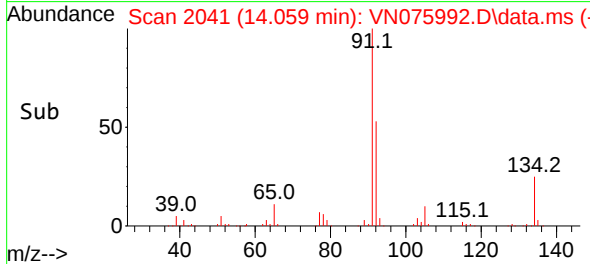
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 91 Resp: 188440
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 26.0 13.4 40.2

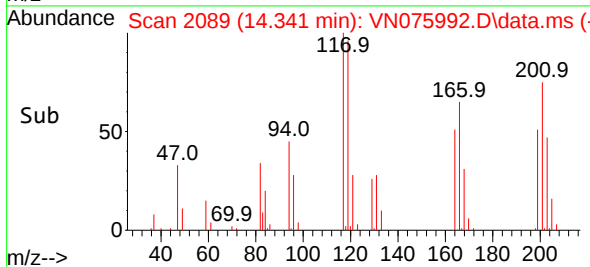
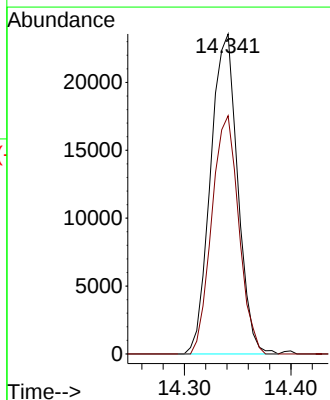
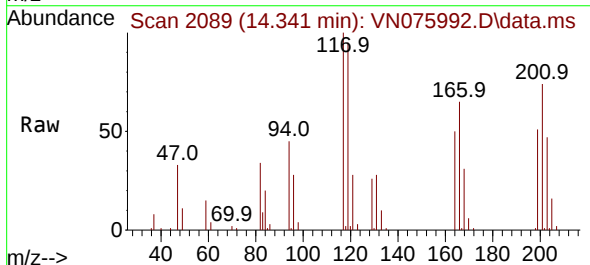
Manual Integrations
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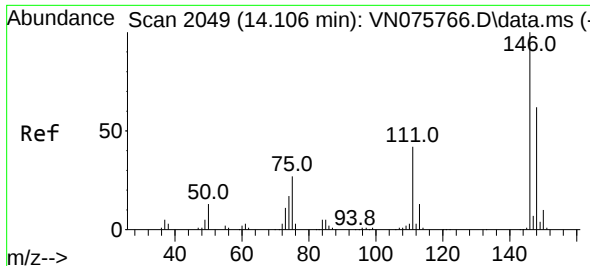
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#90
Hexachloroethane
Concen: 20.750 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075992.D
Acq: 28 Dec 2022 11:59

Tgt Ion:117 Resp: 41673
Ion Ratio Lower Upper
117 100
201 74.1 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 20.509 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

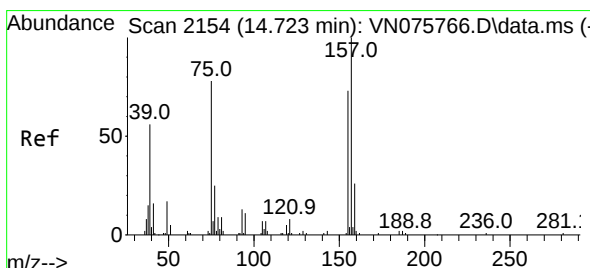
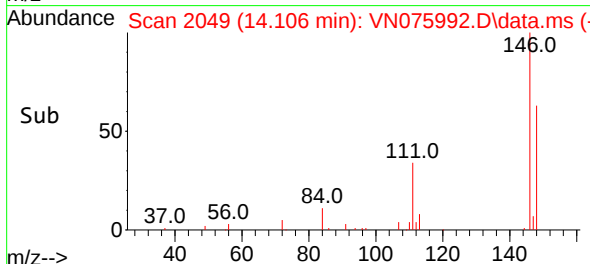
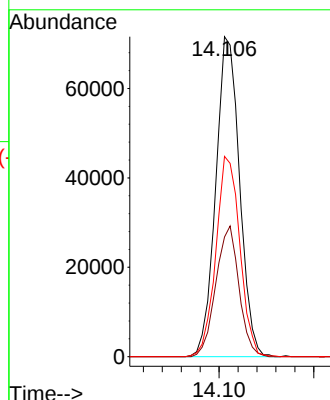
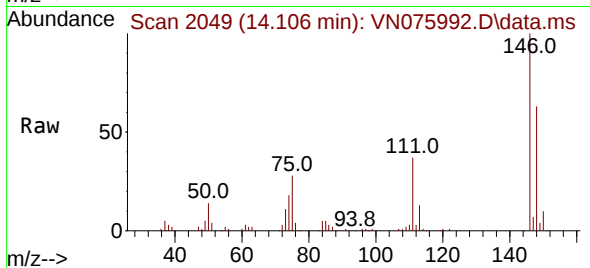
Tgt Ion:146 Resp: 125109

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	61.0
148	62.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.171 ug/l

RT: 14.723 min Scan# 2154

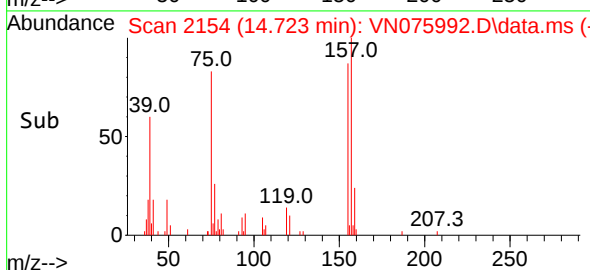
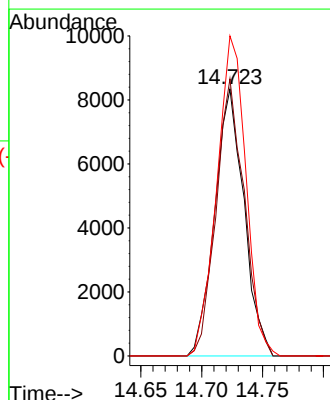
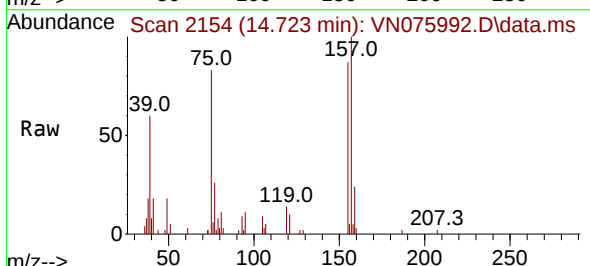
Delta R.T. -0.000 min

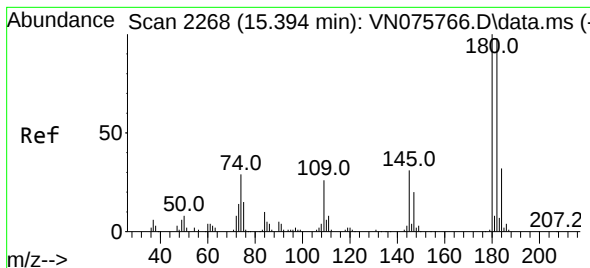
Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Tgt Ion: 75 Resp: 13931

Ion	Ratio	Lower	Upper
75	100		
155	99.9	49.3	147.8
157	119.4	63.7	191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.545 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

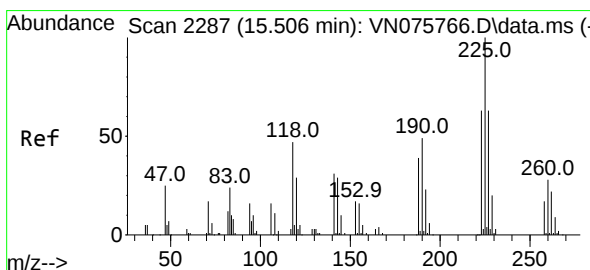
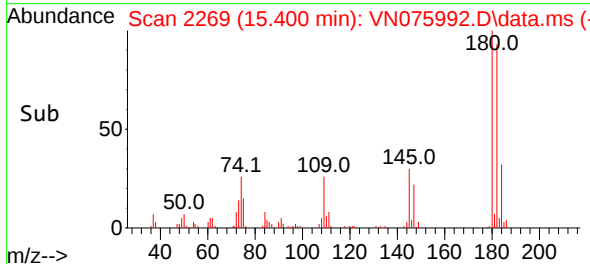
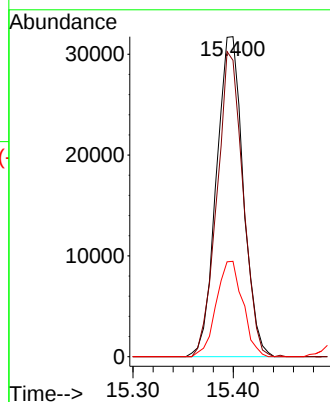
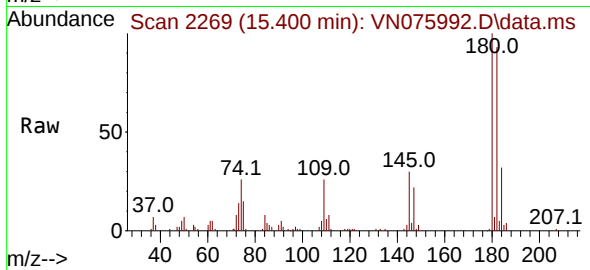
VN1228WBS01

Tgt Ion:180	Resp:	59020
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.5 142.5
145	29.3	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#94

Hexachlorobutadiene

Concen: 20.401 ug/l

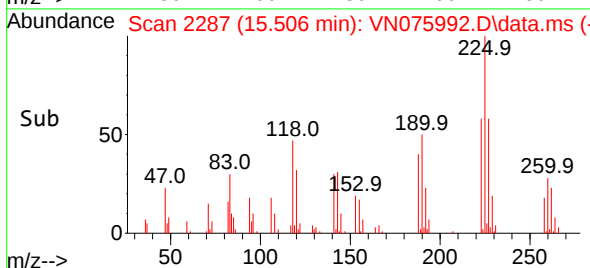
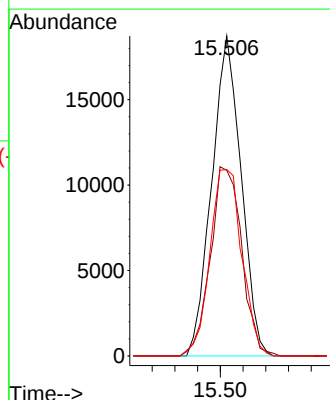
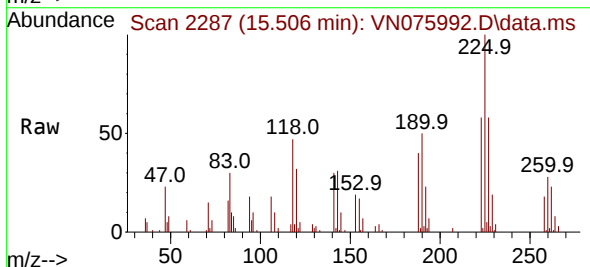
RT: 15.506 min Scan# 2287

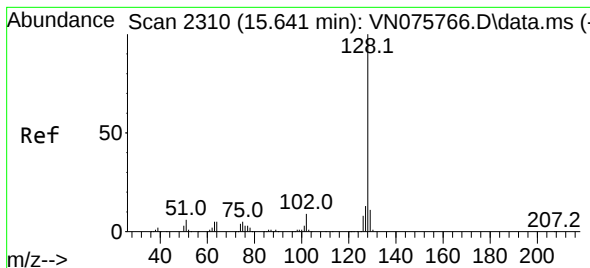
Delta R.T. -0.000 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Tgt Ion:225	Resp:	33615
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.5 94.5
227	63.4	31.6 95.0





#95

Naphthalene

Concen: 18.181 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

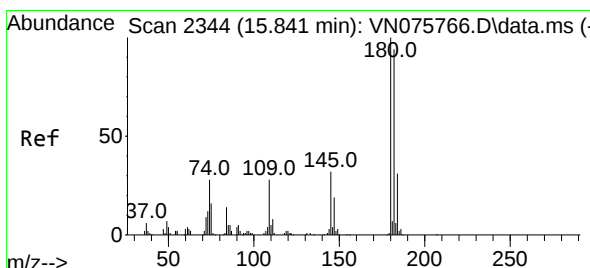
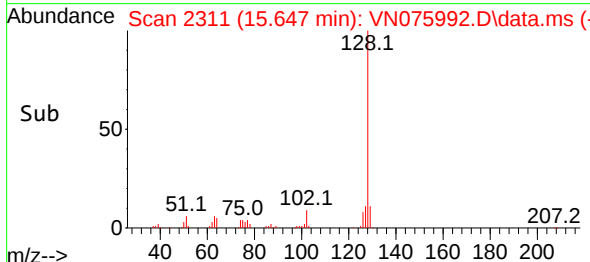
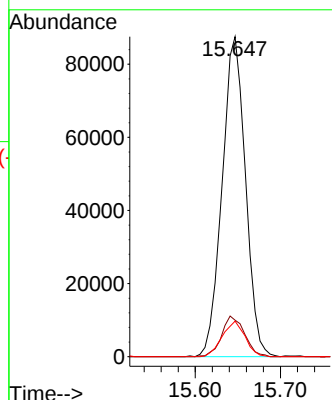
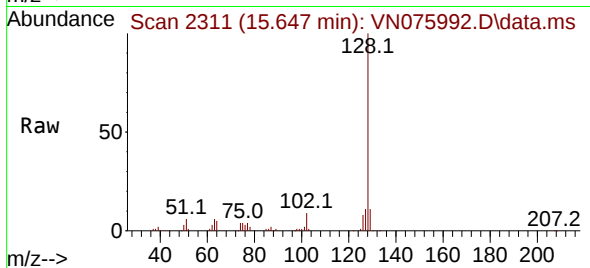
VN1228WBS01

Tgt Ion:128 Resp: 166938
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.4 15.6
 129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.801 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075992.D

Acq: 28 Dec 2022 11:59

Tgt Ion:180 Resp: 55893
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.0 141.0
 145 32.8 16.0 47.9

